

GRAN TIERRA ENERGY, INC.
Form POS AM
March 09, 2009

As filed with the Securities and Exchange Commission Registration No.
on March 9, 2009 333-140171

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 4 TO
FORM S-1 ON
FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

GRAN TIERRA ENERGY INC.
(Exact name of registrant as specified in its charter)

Nevada
(State or other jurisdiction of
incorporation or organization)

98-0479924
(I.R.S. Employer
Identification Number)

300, 611-10th Avenue S.W.
Calgary, Alberta T2R 0B2
Canada
(403) 265-3221

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Dana Coffield
President & Chief Executive Officer
300, 611-10th Avenue S.W.
Calgary, Alberta T2R 0B2
Canada
(403) 265-3221

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copy to:
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Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this
Registration Statement.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Smaller reporting company

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

Pursuant to Rule 429(b) under the Securities Act, unsold securities previously registered under the Registration Statements on Form S-1, Commission file numbers 333-132352 and 333-146953, are being carried forward to this registration statement.

The information in this prospectus is not complete and may be changed. The selling stockholders may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, Dated March 9, 2009

PRELIMINARY PROSPECTUS

43,965,584 Shares

Common Stock

This prospectus relates to the offering by the selling stockholders of Gran Tierra Energy Inc. of up to 43,965,584 shares of our common stock, par value \$0.001 per share. These shares of common stock include (1) up to 12,419,075 shares of common stock issued or issuable to selling stockholders upon exercise of warrants, and (2) 10,984,126 shares of common stock issued or issuable to selling stockholders upon exchange of exchangeable shares of Gran Tierra Goldstrike, Inc., an indirect subsidiary of Gran Tierra. The shares of common stock, warrants and exchangeable shares were issued in a series of private offerings, and are being registered to satisfy registration rights with respect to most of the shares.

We will not receive any proceeds from the sale of common stock by the selling stockholders. We may receive proceeds from the exercise price of the warrants if they are exercised by the selling stockholders. We intend to use any proceeds received from the selling stockholders' exercise of the warrants for working capital and general corporate purposes.

The selling stockholders may sell the shares of common stock from time to time in the open market, on the NYSE AlterNext, the Toronto Stock Exchange, in privately negotiated transactions or a combination of these methods, at market prices prevailing at the time of sale, at prices related to the prevailing market prices, at negotiated prices, or otherwise as described under the section of this prospectus titled "Plan of Distribution."

Our common stock is traded on the NYSE AlterNext under the symbol "GTE" and on the Toronto Stock Exchange under the symbol "GTE." On March 6, 2009, the closing price of our common stock was US\$2.29 per share on the NYSE AlterNext and CDN\$2.94 per share on the Toronto Stock Exchange.

Investing in our common stock involves risks. Before making any investment in our securities, you should read and carefully consider the risks described in "Risk Factors" beginning on page 3 of this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2009.

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ABOUT THIS PROSPECTUS

You should rely only on the information contained in this prospectus and any free-writing prospectus that we authorize to be distributed to you. We have not authorized anyone to provide you with information different from or in addition to that contained in this prospectus or any related free-writing prospectus. If anyone provides you with different or inconsistent information, you should not rely on it. The information contained in this prospectus is accurate only as of the date of this prospectus, regardless of the time of delivery of this prospectus or of any sale of our common stock. Our business, financial conditions, results of operations and prospects may have changed since that date.

i.

PROSPECTUS SUMMARY

This summary highlights information contained elsewhere in this prospectus but might not contain all of the information that is important to you. Before investing in our common stock, you should read the entire prospectus carefully, including “Risk Factors” and our financial statements and the notes thereto included in our filings with the Securities and Exchange Commission and incorporated into this document by reference.

For purposes of this prospectus, unless otherwise indicated or the context otherwise requires, all references herein to “Gran Tierra,” “we,” “us,” and “our,” refer to Gran Tierra Energy Inc., a Nevada corporation, and our subsidiaries.

Our Company

Gran Tierra Energy Inc. is an international oil and gas exploration and production company operating in South America, headquartered in Calgary, Canada, incorporated in the United States. We hold interests in producing and prospective properties in Argentina, Colombia and Peru. We have a strategy that focuses on growing a portfolio of producing properties, plus production enhancement and exploration opportunities to provide a base for future growth. In November 2008, Gran Tierra combined with Solana Resources Limited, or Solana, in a transaction in which Solana became a wholly-owned subsidiary of Gran Tierra.

Corporate Information

Gran Tierra Energy Inc. was incorporated under the laws of the State of Nevada on June 6, 2003, under the name of Goldstrike Inc. Our principal executive offices are located at 300, 611 – 10th Avenue S.W., Calgary, Alberta T2R 0B2, Canada. The telephone number at our principal executive offices is (403) 265-3221. Our website address is www.grantierra.com. Information contained on our website is not deemed part of this prospectus.

The Offering

The following is a brief summary of the offering. You should read the entire prospectus carefully, including “Risk Factors” and the information, including financial information relating to Gran Tierra, included in our filings with the Securities and Exchange Commission, or SEC, and incorporated in this document by reference.

| | |
|--------------------|--|
| Securities Offered | 43,965,584 shares of our common stock. |
| Use of Proceeds | We will not receive any proceeds from the sale of common stock offered by this prospectus. We will receive the proceeds from any warrant exercises, which we intend to use for general corporate purposes, including for working capital and capital expenditures. |
| Trading | Our common stock is traded on the NYSE AlterNext under the symbol “GTE” and on the Toronto Stock Exchange under the symbol “GTE.” |
| Dividend Policy | We do not intend to declare dividends for the foreseeable future, as we anticipate that we will reinvest any future earnings in the development and growth of our business. |
| Risk Factors | See “Risk Factors” and the other information in this prospectus for a discussion of the factors you should carefully consider before deciding to invest in the shares of our |

common stock being offered by the selling stockholders in this document.

1.

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before making an investment decision, you should carefully consider the risk factors described in our Annual Report on Form 10-K, filed with the SEC on February 27, 2009, which is incorporated by reference in this prospectus, and the other information contained or incorporated by reference in this prospectus. The risks and uncertainties incorporated by reference are not the only risks we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may impair our future business operations. Our business, financial condition or results of operations could be materially adversely affected by any of these risks. In such case, the trading price of our common stock could decline and you could lose all or part of your investment.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. This prospectus includes statements regarding our plans, goals, strategies, intent, beliefs or current expectations. These statements are expressed in good faith and based upon a reasonable basis when made, but there can be no assurance that these expectations will be achieved or accomplished. These forward looking statements can be identified by the use of terms and phrases such as “believe,” “plan,” “intend,” “anticipate,” “target,” “estimate,” “expect,” and like, and/or future-tense or conditional constructions “may,” “could,” “should,” etc. Items contemplating or making assumptions about, actual or potential future sales, market size, collaborations, and trends or operating results also constitute such forward-looking statements.

Although forward-looking statements in this prospectus reflect the good faith judgment of our management, forward-looking statements are inherently subject to known and unknown risks, business, economic and other risks and uncertainties that may cause actual results to be materially different from those discussed in these forward-looking statements. Readers are urged not to place undue reliance on these forward-looking statements, which speak only as of the date of this prospectus. We assume no obligation to update any forward-looking statements in order to reflect any event or circumstance that may arise after the date of this prospectus, other than as may be required by applicable law or regulation. Readers are urged to carefully review and consider the various disclosures made by us in our reports filed with the Securities and Exchange Commission which attempt to advise interested parties of the risks and factors that may affect our business, financial condition, results of operations and cash flows. If one or more of these risks or uncertainties materialize, or if the underlying assumptions prove incorrect, our actual results may vary materially from those expected or projected.

USE OF PROCEEDS

We will not receive any proceeds from the sale by the selling stockholders of our common stock. We will receive approximately \$13,673,230 if the selling stockholders exercise their warrants in full. The warrant holders may exercise their warrants at any time until their expiration. Because the warrant holders may exercise the warrants in their own discretion, we cannot plan on specific uses of proceeds beyond application of proceeds to general corporate purposes. These proceeds, if any, will be used for general corporate purposes and capital expenditures. We have agreed to bear the expenses in connection with the registration of the common stock being offered hereunder by the selling stockholders.

SELLING STOCKHOLDERS

The information in this prospectus with respect to the selling stockholders combines information previously presented in three different registration statements, containing information as of three different dates. As a result, set forth below

is this information from each of these registration statements. For selling stockholders appearing in more than one table, the information with respect to the number of shares being offered by the selling stockholders is not duplicative, such that shares being offered by a selling stockholder in one table and shares being offered by that same selling stockholder in another table reflect, when combined, the total number of shares being offered by that selling stockholder.

Shares Being Offered From the June 2006 Financing

This prospectus covers shares, including shares underlying warrants, sold in our June 2006, private equity offering to “accredited investors” as defined by Rule 501(a) under the Securities Act pursuant to an exemption from registration provided in Regulation D, Rule 506 under Section 4(2) of the Securities Act. The selling stockholders may from time to time offer and sell under this prospectus any or all of the shares listed opposite each of their names below. We are required, under a registration rights agreement, to register for resale the shares of our common stock described in the table below.

The following table sets forth information about the number of shares beneficially owned by each selling stockholder that may be offered from time to time under this prospectus. Certain selling stockholders may be deemed to be “underwriters” as defined in the Securities Act. Any profits realized by such selling stockholder may be deemed to be underwriting commissions. See “Plan of Distribution.”

2.

The table below has been prepared based upon the information furnished to us by the selling stockholders as of February 15, 2009. The selling stockholders identified below may have sold, transferred or otherwise disposed of some or all of their shares since the date on which the information in the following table is presented in transactions exempt from or not subject to the registration requirements of the Securities Act. Information concerning the selling stockholders may change from time to time and, if necessary, we will amend or supplement this prospectus accordingly. We cannot give an estimate as to the number of shares of common stock that will be held by the selling stockholders upon termination of this offering because the selling stockholders may offer some or all of their common stock under the offering contemplated by this prospectus. The total number of shares that may be sold hereunder will not exceed the number of shares offered hereby. Please read the section entitled "Plan of Distribution" in this prospectus.

We have been advised, as noted below in the footnotes to the table, none of the selling stockholders is a broker-dealer, nine of the selling stockholders are affiliates of broker-dealers and two of the selling stockholders are both broker-dealers and affiliates of broker-dealers. We have been advised that each such affiliate of a broker-dealer purchased our common stock and warrants in the ordinary course of business, not for resale, and at the time of purchase, did not have any agreements or understandings, directly or indirectly, with any person to distribute the related common stock.

The following table and footnotes thereto set forth the name of each selling stockholder, the nature of any position, office, or other material relationship, if any, which the selling stockholder has had, within the past three years, with us or with any of our predecessors or affiliates, and the number of shares of our common stock beneficially owned by such stockholder before this offering. The number of shares owned are those beneficially owned, as determined in accordance with Rule 13d-3 of the Exchange Act. Under such rule, beneficial ownership includes any shares of common stock as to which a person has sole or shared voting power or investment power and any shares of common stock which the person has the right to acquire within 60 days through the exercise of any option, warrant or right, through conversion of any security or pursuant to the automatic termination of a power of attorney or revocation of a trust, discretionary account or similar arrangement, and such information is not necessarily indicative of beneficial ownership for any other purpose.

Beneficial ownership is calculated based on 238,710,473 shares of our common stock outstanding as of February 15, 2009, which includes 10,984,126 exchangeable shares of Gran Tierra Goldstrike Inc. issued to holders of Gran Tierra Energy Inc., an Alberta, Canada company, or Gran Tierra Canada, common stock and 31,519,884 exchangeable shares of Gran Tierra Exchangeco Inc. issued to holders of Solana common stock. In computing the number of shares beneficially owned by a person and the percentage of ownership of that person, shares of common stock subject to options or warrants held by that person that are currently exercisable or become exercisable within 60 days of February 15, 2009 are deemed outstanding even if they have not actually been exercised. Those shares, however, are not deemed outstanding for the purpose of calculating the beneficial ownership of any other selling stockholder. The persons and entities named in the table have sole voting and sole investment power with respect to the shares set forth opposite the stockholder's name, subject to community property laws, where applicable.

| | Shares of Common Stock Beneficially Owned Prior to the Offering(c) | Shares of Common Stock Being Offered(a) | Shares of Common Stock Being Offered Which are Subject to Warrants(a)(b) | Shares of Common Stock Beneficially Owned After Completion of the Offering(c)(d) | Percent Ownership |
|-------------------------------|--|---|--|---|----------------------|
| Selling Shareholder | | | | | |
| Alan J. Rubin Revocable Trust | 74,999 | 41,666 | 33,333 | - | - |

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| | | | | | |
|------------------------------------|---------|---------|---------|---------|---|
| Alvin L. Gray†† | 150,000 | 100,000 | 50,000 | - | - |
| Anthony Jacobs | 300,000 | 200,000 | 100,000 | - | - |
| Bancor Inc.1 | 405,300 | 100,000 | 50,000 | 255,300 | * |
| Bill Birdwell & Willie C. Birdwell | 9,000 | 9,000 | - | - | - |
| Johnnie S. Haak | 91,000 | 30,000 | - | 61,000 | * |
| Blake Selig†† | 30,000 | 20,000 | 10,000 | - | - |
| Brant Investments Ltd.† | 33,334 | - | 33,334 | - | - |
| Brian Kuhn | 255,000 | 170,000 | 85,000 | - | - |
| Brion Bailey†† | 22,500 | 15,000 | 7,500 | - | - |
| Carmen Neufeld†1A | 323,322 | 99,992 | 49,996 | 173,334 | * |

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| | | | | | |
|---|-----------|-----------|-----------|-----------|---|
| Carol Edelson† | 24,999 | 16,666 | 8,333 | - | - |
| Carol Tambor | 24,167 | 7,500 | 16,667 | - | - |
| Castlerigg Master Investments Ltd.2†† | 1,804,763 | 1,595,239 | 209,524 | - | - |
| Cathy Selig | 16,667 | 16,667 | - | - | - |
| Chad Oakes3 | 410,152 | 41,666 | 89,995 | 278,491 | * |
| Chester Family 1997 Trust UAD 12/09/19974 | 24,167 | 7,500 | 16,667 | - | - |
| Clarence Tomanik | 149,988 | 99,992 | 49,996 | - | - |
| Constance O. Welsch/Simple IRA | 10,000 | 10,000 | - | - | - |
| Dale Foster5 | 312,389 | 39,273 | 24,996 | 248,120 | * |
| Dale Tremblay† | 99,999 | 66,666 | 33,333 | - | - |
| Dana Quentin Coffield6 | 2,209,662 | 66,667 | 33,334 | 2,109,661 | * |
| Daniel Todd Dane7† | 849,978 | 66,666 | 33,334 | 749,978 | * |
| Datavision Computer Video, Inc.8 | 24,167 | 7,500 | 16,667 | - | - |
| David M. Robichaux PSP | 24,997 | 24,997 | - | - | - |
| David N. Malm Anaesthesia Inc.9 | 45,000 | 30,000 | 15,000 | - | - |
| David T. Jensen†† | 50,000 | 33,333 | 16,667 | - | - |
| David Westlund††9A | 226,666 | 60,000 | 30,000 | 136,666 | * |
| Delores Antonsen | 30,000 | 10,000 | 20,000 | - | - |
| Don S. Cook†† | 50,000 | 33,333 | 16,667 | - | - |
| Donald A. Wright10 | 1,873,279 | 500,000 | 250,000 | 1,123,279 | * |
| Donald Moss† | 80,000 | 53,333 | 26,667 | - | - |
| Donald Streu†† | 25,500 | 17,000 | 8,500 | - | - |
| Dr. William Grose Agency†† | 50,000 | 33,333 | 16,667 | - | - |
| Duane Renfro | 16,667 | - | 16,667 | - | - |
| Edmund Melhado†† | 150,000 | 100,000 | 50,000 | - | - |
| Edward B. Antonsen11 | 47,500 | - | 27,500 | 20,000 | * |
| Edward Muchowski12†† | 308,730 | 100,000 | 50,000 | 158,730 | * |
| Emily H. Todd Separate Property†† | 30,000 | 20,000 | 10,000 | - | - |
| Frank J. Metyko Residuary Trust13†† | 24,999 | 16,666 | 8,333 | - | - |
| Fred A. Stone, Jr. Amended and Restated UAD 4/20/98 | 26,000 | 26,000 | - | - | - |
| Gary Gee Wai Hoy and Lily Lai Wan Hoy14 | 24,119 | 8,500 | - | 15,619 | * |
| Georges Antoun & Martha Antoun†† | 50,000 | 33,333 | 16,667 | - | - |
| Gerald Golub | 32,667 | 16,000 | 16,667 | - | - |
| Gerriann Sweeney & Louis Paul Lohn Com Prop | 47,334 | 14,000 | 33,334 | - | - |
| Glenn Andrew Welsch TTEE Constance Welsch Trust U/A DTD 12/18/95 | 17,500 | 17,500 | - | - | - |
| Glenn Fleischhacker | 25,001 | 16,667 | 8,334 | - | - |
| Gonzalo Vazquez | 100,000 | 85,000 | - | 15,000 | * |
| Grace To† | 5,000 | - | 5,000 | - | - |
| Grant E. Sims and Patricia Sims† | 75,000 | 50,000 | 25,000 | - | - |
| Eric R. Sims15 | 7,500 | 7,500 | - | - | - |
| Ryan S. Sims16 | 7,500 | 7,500 | - | - | - |
| Scott A. Sims17 | 7,500 | 7,500 | - | - | - |
| Grant Hodgins18†† | 41,119 | 17,000 | 8,500 | 15,619 | * |
| Gregg J. Sedun19† | 212,491 | 100,000 | 50,000 | 62,491 | * |
| Greywolf Capital Overseas Fund LP20 | 1,837,805 | - | 1,837,805 | - | - |

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|--|-----------|---------|---------|-----------|------|
| GCOF SPV I21 | 63,492 | 63,492 | - | - | - |
| Greywolf Capital Partners II, LP22 | 832,546 | - | 832,546 | - | - |
| GCP II SPV I23 | 354,158 | 354,158 | - | - | - |
| Hal Rothbaum | 46,834 | 13,500 | 33,334 | - | - |
| Hazel Bennett24 | 19,168 | 10,000 | 5,000 | 4,168 | * |
| Heather and Ian Campbell24A | 161,501 | 13,334 | 6,667 | 141,500 | * |
| Herbert Lippin†† | 30,000 | 20,000 | 10,000 | - | - |
| Hollyvale Limited25†† | 25,500 | 17,000 | - | 8,500 | * |
| Noel Humphrey26 | 30,000 | 30,000 | - | - | - |
| Hunter Capital LLC Defined Benefit Pension Plan27 | 7,500 | 7,500 | - | - | - |
| Hudson Bay Overseas Fund, Ltd.28†† | 64,568 | 47,901 | 16,667 | - | - |
| IRA FBO Anthony Jacobs Pershing LLC as Custodian Rollover Account | 250,000 | 150,000 | 75,000 | 25,000 | * |
| IRA FBO Erik Klefos29 | 32,800 | 16,000 | 15,000 | 1,800 | * |
| IRA FBO Hyman Gildenhorn Pershing LLC as Custodian†† | 228,000 | 152,000 | 76,000 | - | - |
| IRA FBO Lewis S. Rosen Pershing LLC as Custodian | 24,999 | 16,666 | 8,333 | - | - |
| IRA FBO Lisa Marcelli Pershing LLC as Custodian30 | 24,999 | 24,999 | - | - | - |
| IRA FBO Merila F. Peloso Pershing LLC as Custodian Rollover Account | 24,999 | 24,999 | - | - | - |
| IRA FBO Robert Larry Kinney/Pershing LLC as Custodian Rollover Account | 30,000 | 20,000 | - | 10,000 | * |
| Iroquois Master Fund Ltd.31† | 83,333 | - | 83,333 | - | - |
| James W. Christmas | 80,000 | 80,000 | - | - | - |
| James Garson†† | 50,001 | 33,334 | 16,667 | - | - |
| James McNeill†† | 499,950 | 333,300 | 166,650 | - | - |
| Jan A I Rask | 215,000 | 50,000 | - | 165,000 | * |
| Jeffrey J. Orchen† | 150,000 | 100,000 | 50,000 | - | - |
| Jeffrey J. Scott32†† | 2,780,527 | 100,000 | 50,000 | 2,630,527 | 1.1% |
| Jill Norris33 | 4,167 | 4,167 | - | - | - |
| John and Jodi Malanga34† | 63,000 | 17,000 | 8,500 | 37,500 | * |
| Jonathan Day | 10,000 | 10,000 | - | - | - |
| Jorge Cangini35 | 110,000 | 40,000 | 20,000 | 50,000 | * |
| Joseph A. Ahearn†† | 50,001 | 33,334 | 16,667 | - | - |
| Joseph A. Cech | 50,000 | 36,350 | 13,350 | - | - |
| Kevin D. Poynter | 379,900 | 299,900 | - | 80,000 | * |
| Kiyoshi Fujieda | 10,500 | 10,000 | - | 500 | * |
| L G Vela†† | 25,001 | 16,667 | 8,334 | - | - |
| Larry F. Crews | 25,499 | 15,499 | - | 10,000 | * |
| Lawrence Johnson West† | 24,999 | 16,666 | 8,333 | - | - |
| Lloyd Clark† | 14,800 | 6,400 | 8,400 | - | - |
| Louis and Carol Zehil†† | 99,999 | 66,666 | 33,333 | - | - |
| LSM Business Services Ltd.36 | 50,625 | - | 10,000 | 40,625 | * |
| Luc Chartrand | 37,500 | - | 37,500 | - | - |
| Mac Haik | 300,000 | 300,000 | - | - | - |
| Mary E. Shields | 24,999 | 24,999 | - | - | - |

| | | | | | |
|----------------------|--------|--------|-------|---|---|
| Mary Harris Cooper†† | 24,999 | 16,666 | 8,333 | - | - |
|----------------------|--------|--------|-------|---|---|

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|---|-----------|-----------|-----------|-----------|---|
| Max Hsu Wei ³⁷ | 1,992,167 | 39,984 | - | 1,952,183 | * |
| Michael L Thiele & Elaine D Thiele | 75,000 | 75,000 | - | - | - |
| Michael McNulty ^{††} | 24,999 | 16,666 | 8,333 | - | - |
| Michael S. Chadwick ³⁸ | 25,499 | 25,499 | - | - | - |
| MP Pensjon ^{39††} | 1,049,970 | 699,980 | 349,990 | - | - |
| Nadine C. Smith ^{40†} | 732,900 | 69,425 | 31,664 | 631,811 | * |
| Nathan Hagens ^{††} | 60,000 | 40,000 | 20,000 | - | - |
| Norman Goldberg | 46,833 | 13,500 | 33,333 | - | - |
| Paul Evans | 10,666 | 10,666 | - | - | - |
| Paul Osher and Sara Osher | 24,167 | 7,500 | 16,667 | - | - |
| Perfco Investments Ltd. ^{41††} | 2,412,302 | 300,000 | - | 2,112,302 | * |
| PGS Holdings Ltd. ^{42†} | 37,500 | 25,000 | 12,500 | - | - |
| Philip M. Garner & Carol P. Garner | 300,000 | 300,000 | - | - | - |
| RAB American Opportunities Fund Limited ^{42A††} | 116,667 | - | 116,667 | - | - |
| Rafael Orunesu ⁴³ | 2,063,850 | 80,000 | 40,000 | 1,943,850 | * |
| Rahn and Bodmer ^{44††} | 100,000 | 66,666 | 33,334 | - | - |
| Rob Krahn [†] | 27,500 | 10,000 | 17,500 | - | - |
| Richard Machin ⁴⁵ | 42,500 | 17,500 | - | 25,000 | * |
| Robert D. Steele ^{46†} | 192,500 | 80,000 | - | 112,500 | * |
| Robert Freedman ^{††} | 125,000 | 100,000 | 25,000 | - | - |
| Robert K. Macleod ⁴⁷ | 69,999 | 16,666 | 8,333 | 45,000 | * |
| Robert W. Y. Kung ^{††} | 25,500 | 17,000 | 8,500 | - | - |
| Robert Wilensky | 30,000 | 30,000 | - | - | - |
| Robert Zappia ⁴⁸ | 60,000 | 40,000 | 20,000 | - | - |
| Roberta Kintigh | 45,500 | 25,500 | - | 20,000 | * |
| Rowena M. Santos ⁴⁹ | 31,125 | 7,000 | 8,500 | 15,625 | * |
| Rune Medhus Elisa Medhus M.D. ⁵⁰ | 40,000 | 30,000 | - | 10,000 | * |
| SEP FBO Kenneth L. Hamilton / Pershing LLC as Custodian | 7,500 | 7,500 | - | - | - |
| SEP FBO Philip M. Garner Pershing LLC as Custodian | 40,700 | 40,700 | - | - | - |
| SEP FBO William E Grose MD Pershing LLC as Custodian ^{††} | 24,999 | 16,666 | 8,333 | - | - |
| Shawn T. Kemp [†] | 60,000 | 40,000 | 20,000 | - | - |
| Sonya Messner ^{††50A} | 117,999 | 22,000 | 11,000 | 84,999 | * |
| Steven Hall/Rebecca Hall JTWROS | 34,000 | 17,000 | 17,000 | - | - |
| Sue M. Harris Separate Property ^{51†} | 96,000 | 50,000 | 25,000 | 21,000 | * |
| Pinky Lou Blair Estate Trust U/W DTD 6/15/9152 [†] | 33,333 | 33,333 | - | - | - |
| The Knuettel Family Trust ^{53†} | 25,002 | 16,668 | 8,334 | - | - |
| Theseus Fund LP ⁵⁴ | 880,000 | 500,000 | 250,000 | 130,000 | * |
| The Estate of Titus H. Harris Jr. [†] | 83,332 | 83,332 | - | - | - |
| Tom Juda & Nancy Juda Living Tr DTD 5/3/9555 | 83,333 | - | 83,333 | - | - |
| Trevor J. Tomanik ^{††} | 119,988 | 79,992 | 39,996 | - | - |
| TWM Associates LLC ⁵⁶ | 69,999 | 36,666 | 33,333 | - | - |
| US Global Investors — Global Resources Fund ^{57††} | 4,650,000 | 3,100,000 | 1,550,000 | - | - |

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| | | | | | |
|----------------------------------|-----------|---------|--------|-----------|---|
| Verne G. Johnson ^{58††} | 1,562,892 | - | 50,003 | 1,512,889 | * |
| Vincent Vazquez | 195,000 | 150,000 | - | 45,000 | * |

6.

| | | | | | |
|--|---------|---------|---------|---------|---|
| GSEC Warrant Strategies Fund LLC ⁵⁹ | 125,000 | - | 125,000 | - | - |
| William Edward John Page ^{††} | 45,000 | 30,000 | 15,000 | - | - |
| William Scott ^{60††} | 308,730 | 100,000 | 50,000 | 158,730 | * |
| William Sockman ^{††} | 30,000 | 20,000 | 10,000 | - | - |
| William T. Criner & Frances E. Criner | 24,999 | 24,999 | - | - | - |
| ZLP Master Opportunity Fund, Ltd. ^{61†} | 750,000 | 500,000 | 250,000 | - | - |
| 1053361 Alberta Ltd. ^{62††} | 491,865 | 100,000 | 50,000 | 341,865 | * |
| Robert Pedlow [†] | 200,000 | 133,333 | 66,667 | - | - |
| John D. Long, Jr. ^{63†} | 354,600 | 30,575 | 18,336 | 305,689 | * |

* Less than 1.0%.

- (a) Pursuant to Rule 416 of the Securities Act, this registration statement shall also cover any additional shares of common stock that become issuable in connection with the shares registered for sale hereby by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the receipt of consideration that results in an increase in the number of our outstanding shares of common stock.
- (b) The shares listed in this column represent shares of our common stock issuable upon exercise in full of outstanding warrants initially issued with an exercise price of \$1.75 per share in our June 2006 Offering. In June 2007, we amended the terms of all of the warrants issued to the investors in the June 2006 offering, which extended the term of the warrants for one year and decreased the exercise price of the warrants to \$1.05 per share.
- (c) The shares listed in this column include shares of common stock outstanding and shares of common stock which are issuable upon the exchange of exchangeable shares of Goldstrike Exchange Co.
- (d) Assumes all of the shares of common stock and all shares of common stock underlying warrants registered in this offering are sold in the offering.

† We were unable to obtain updated information from this selling stockholder. Shares of common stock being offered based on information provided as of February 11, 2008. Shares of common stock being offered upon exercise of warrants, as applicable, based on information available as of February 15, 2009.

†† We were unable to obtain updated information from this selling stockholder. Shares of common stock being offered based on information provided as of January 10, 2007. Shares of common stock being offered upon exercise of warrants, as applicable, based on information available as of February 15, 2009.

1 James A. Banister has the power to vote and dispose of the common shares being registered on behalf of Bancor, Inc.

1A Ms. Neufeld serves as Geoscience Manager for Gran Tierra.

2 Sandell Asset Management Corp. is the investment manager of Castlerigg Master Investment Ltd. (“Castlerigg”) and has shared voting and dispositive power over the securities owned by Castlerigg. Sandell Asset Management Corp. and Thomas E. Sandell, its sole shareholder, disclaim beneficial ownership of the securities owned by Castlerigg.

3 Mr. Oakes also holds 75,000 shares of common stock and warrants to acquire an additional 124,991 shares of common stock at an exercise price of \$1.25 per share, acquired in a private placement offering with closing

dates on September 1 and October 7, 2005 (the "First 2005 Offering").

- 4 Robert and Anetta Chester, trustees, have the power to vote and dispose of the common shares being registered on behalf of Chester Family 1997 Trust UAD 12/09/1997.
- 5 Mr. Foster also holds warrants to acquire an additional 12,491 shares of common stock at an exercise price of \$1.25 per share, and 79,365 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Also includes 99,981 shares of common stock and 49,991 shares of common stock issuable pursuant to warrants beneficially held by 893619 Alberta Ltd., of which Mr. Foster is the President and Director, and over which Mr. Foster has sole voting and investment power. Mr. Foster is an affiliate of a broker-dealer.

7.

- 6 Mr. Coffield also holds 29,985 shares of common stock and warrants to acquire an additional 14,993 shares of common stock at an exercise price of \$1.25 per share, and 1,689,683 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Coffield serves as our President, Chief Executive Officer and as a member of Gran Tierra's Board of Directors (the "Board").
- 7 Mr. Dane also holds 499,985 shares of common stock and warrants to acquire an additional 249,993 shares of common stock at an exercise price of \$1.25 per share.
- 8 James Garson has the power to vote and dispose of the common shares being registered on behalf of Datavision Computer Video, Inc.
- 9 David Malm has the power to vote and dispose of the common shares being registered on behalf of David Malm Anaesthesia Inc.
- 9A Mr. Westlund serves as Geophysics Manager for Gran Tierra.
- 10 Includes 158,730 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Wright also holds 250,000 shares of common stock and warrants to acquire an additional 250,000 shares of common stock at an exercise price of \$1.25 per share.
- 11 Mr. Antonsen also holds warrants to acquire 20,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the sale of units to accredited investors we conducted on October 27, 2005 and December 14, 2005 (the "Second 2005 Offering").
- 12 Mr. Muchowski also holds 158,730 exchangeable shares issued on November 10, 2005 in connection with the share exchange.
- 13 Frank J. Metyko Jr., Mark J. Metyko and Kurt F. Metyko, trustees, have the power to vote and dispose of the common shares being registered on behalf of the Frank Metyko Residuary Trust.
- 14 Mr. and Mrs. Hoy also hold 15,619 shares of common stock acquired upon exercise of warrants acquired in the First 2005 Offering.
- 15 Grant Sims, custodian, has the power to vote and dispose of the common shares being registered on behalf of the Eric R. Sims.
- 16 Grant Sims, custodian, has the power to vote and dispose of the common shares being registered on behalf of the Ryan S. Sims.
- 17 Grant Sims, custodian, has the power to vote and dispose of the common shares being registered on behalf of Scott A. Sims.
- 18 Mr. Hodgins also holds warrants to acquire 15,619 shares of common stock at an exercise price of \$1.25 per share.
- 19 Mr. Sedun also holds warrants to acquire 62,491 shares of common stock at an exercise price of \$1.25 per share.
- 20 Greywolf Capital Overseas Master Fund ("Greywolf Overseas") holds all warrants listed. Greywolf Capital Management LP (the "Investment Manager"), as investment manager of Greywolf Overseas, may be deemed to be

the beneficial owner of all such warrants beneficially owned by Greywolf Overseas. Greywolf GP LLC (the “Investment Manager General Partner”), as general partner of the Investment Manager, may be deemed to be the beneficial owner of all such warrants beneficially owned by Greywolf Overseas. Jonathan Savitz, as the sole managing member of the Investment Manager General Partner, may be deemed to be the beneficial owner of all such warrants owned by Greywolf Overseas. Each of the Investment Manager, the Investment Manager General Partner and Mr. Savitz disclaims any beneficial ownership of any such warrants. The address of each listed entity is 4 Manhattanville Road, Suite 201, Purchase, NY 10577.

- 21 GCOF SPV I (“GCOF”) holds all shares listed. Greywolf Capital Management LP (the “Investment Manager”), as investment manager of GCOF, may be deemed to be the beneficial owner of all such shares beneficially owned by GCOF. Greywolf GP LLC (the “Investment Manager General Partner”), as general partner of the Investment Manager, may be deemed to be the beneficial owner of all such shares beneficially owned by GCOF. Jonathan Savitz, as the sole managing member of the Investment Manager General Partner, may be deemed to be the beneficial owner of all such shares owned by GCOF. Each of the Investment Manager, the Investment Manager General Partner and Mr. Savitz disclaims any beneficial ownership of any such shares. The address of each listed entity is 4 Manhattanville Road, Suite 201, Purchase, NY 10577.

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- 22 Greywolf Capital Partners II LP (“Greywolf Capital II”) holds all warrants listed. Greywolf Advisors LLC (“the General Partner”), as general partner to Greywolf Capital II, may be deemed to be the beneficial owner of all such warrants beneficially owned by Greywolf Capital II. Greywolf Capital Management LP (the “Investment Manager”), as investment manager of Greywolf Capital II, may be deemed to be the beneficial owner of all such warrants beneficially owned by Greywolf Capital II. Greywolf GP LLC (the “Investment Manager General Partner”), as general partner of the Investment Manager and the General Partner, may be deemed to be the beneficial owner of all such warrants beneficially owned by Greywolf Capital II. Jonathan Savitz, as the senior managing member of the General Partner and as the sole managing member of the Investment Manager General Partner, may be deemed to be the beneficial owner of all such warrants owned by Greywolf Capital II. Each of the General Partner, the Investment Manager, the Investment Manager General Partner and Mr. Savitz disclaims any beneficial ownership of any such warrants. The address of each listed entity is 4 Manhattanville Road, Suite 201, Purchase, NY 10577.
- 23 GCP II SPV I (“GCP II”) holds all shares listed. Greywolf Capital Management LP (the “Investment Manager”), as investment manager of GCP II, may be deemed to be the beneficial owner of all such shares beneficially owned by GCP II. Greywolf GP LLC (the “Investment Manager General Partner”), as general partner of the Investment Manager, may be deemed to be the beneficial owner of all such shares beneficially owned by GCP II. Jonathan Savitz, as the sole managing member of the Investment Manager General Partner, may be deemed to be the beneficial owner of all such shares owned by GCP II. Each of the Investment Manager, the Investment Manager General Partner and Mr. Savitz disclaims any beneficial ownership of any such shares. The address of each listed entity is 4 Manhattanville Road, Suite 201, Purchase, NY 10577.
- 24 This selling stockholder is a broker-dealer and an affiliate of a broker-dealer.
- 24A Ms. Campbell serves as Corporate Treasurer for Gran Tierra.
- 25 Jeremy Spring has the power to vote and dispose of the common shares being registered on behalf of Hollyvale Limited. Includes warrants to acquire 8,500 shares of common stock at an exercise price of \$1.25 per share.
- 26 Noel Humphrey has the power to vote and dispose of the common shares being registered on behalf of the Humphrey Family Limited Partnership.
- 27 John Laurie Hunter has the power to vote and dispose of the shares being registered on behalf of the Hunter Capital LLC Defined Benefit Pension Plan.
- 28 Yoav Roth and John Doscas have the power to vote and dispose of common shares being registered on behalf of Hudson Bay Overseas Fund, Ltd. Both Yoav Roth and John Doscas disclaim beneficial ownership of shares held by Hudson Bay Overseas Fund, Ltd.
- 29 This selling stockholder is an affiliate of a broker-dealer.
- 30 This selling stockholder is a broker-dealer and an affiliate of a broker-dealer.
- 31 Joshua Silverman has the power to vote and dispose of the common shares being registered on behalf of Iroquois Master Fund Ltd. Mr. Silverman disclaims beneficial ownership of the shares held by Iroquois Master Fund Ltd.
- 32 Includes 349,981 shares of common stock and warrants to acquire an additional 174,991 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, and an additional 100,000

shares of common stock and warrants to acquire an additional 50,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering. Also includes 1,688,889 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Scott serves as the Chairman of the Board.

- 33 This selling stockholder is an affiliate of a broker-dealer.
- 34 John and Jodi Malanga are affiliates of a broker-dealer. Includes 25,000 shares of common stock and warrants to acquire an additional 12,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, held by IRA for the benefit of Jodi Malanga/Pershing LLC as Custodian.
- 35 Mr. Cangini serves as New Ventures Manager for Gran Tierra Argentina S.A., a subsidiary of Gran Tierra Energy.
- 36 Lloyd Guenther has the power to vote and dispose of the common shares being registered on behalf of LSM Business Services, Ltd., and also holds 25,000 shares of common stock and warrants to acquire an additional 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 37 Mr. Wei also holds 1,689,683 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Wei serves as our Vice-President, Operations.

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- 38 This selling stockholder is an affiliate of a broker-dealer.
- 39 Svein Garberg has the power to vote and dispose of the common shares being registered on behalf of MP Pensjon.
- 40 Ms. Smith served as a member of our Board until March 27, 2008. Includes 433,906 shares of common stock acquired in the First 2005 Offering. Also includes warrants to acquire an additional 197,905 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, held by Ms. Smith or Mr. John Long.
- 41 Includes 1,587,302 exchangeable shares issued on November 10, 2005 in connection with the share exchange and an additional 525,000 shares of common stock held by Perfco Investments Ltd. Mr. Walter Dawson is the sole owner of Perfco Investments Ltd. and has sole investment and voting power over the exchangeable shares and shares of common stock owned by Perfco Investments Ltd. In addition, Mr. Dawson directly holds 101,587 exchangeable shares issued on November 10, 2005 in connection with the share exchange, and 300,000 shares of common stock acquired in the Second 2005 Offering. Mr. Dawson disclaims beneficial ownership of 158,730 exchangeable shares held by Mr. Dawson's spouse. Mr. Dawson is a member of our Board.
- 42 Paul Sicotte has the power to vote and dispose of the common shares being registered on behalf of PGS Holdings Ltd.
- 42A Arild Eide is a Portfolio Manager at RAB Capital PLC, the Investment Manager of RAB American Opportunities Fund Limited. By virtue of his position at RAB Capital PLC, Mr. Eide is deemed to hold investment power and voting control over the common shares being registered on behalf of RAB American Opportunities Fund Limited.
- 43 Mr. Orunesu also holds 1,689,683 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Orunesu is the President of Gran Tierra Argentina S.A., a subsidiary of Gran Tierra.
- 44 Francis Mailhot has the power to vote and dispose of the common shares being registered on behalf of Rahn and Bodmer.
- 45 Mr. Machin also holds 25,000 shares of common stock acquired in the First 2005 Offering.
- 46 Mr. Steele also holds 75,000 shares of common stock and warrants to acquire an additional 37,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 47 Mr. Macleod also holds 30,000 shares of common stock and warrants to acquire an additional 15,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 48 This selling stockholder is an affiliate of a broker-dealer.
- 49 Ms. Santos also holds warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 50 This selling stockholder is an affiliate of a broker-dealer.
- 50A Ms. Messner serves as Office Manager for Gran Tierra.

- 51 This selling stockholder is an affiliate of a broker-dealer.
- 52 Sue Minton Harris, trustee, has the power to vote and dispose of the common shares being registered on behalf of Pinkye Lou Blair Estate Trust U/W DTD 6/15/91. This selling stockholder is an affiliate of a broker-dealer.
- 53 Francis P. Knuettel has the power to vote and dispose of the common shares being registered on behalf of the Knuettel Family Trust.
- 54 James Corfman has the power to vote and dispose of the common shares being registered on behalf of Theseus Fund.
- 55 Tom Juda and Nancy Juda, co-trustees, have the power to vote and dispose of the common shares being registered on behalf of Tom Juda & Nancy Juda Living Tr DTD 5/3/95.
- 56 Scott Stone, manager, has the power to vote and dispose of the common shares being registered on behalf of TWM Associates, LLC.
- 57 Evan Smith, portfolio manager, has the power to vote and dispose of the common shares being registered on behalf of US Global Investors — Global Resources Fund.
- 58 Includes 895,238 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Johnson also holds warrants to acquire an additional 62,493 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. In addition, KristErin Resources Ltd., a private family-owned business of which Mr. Johnson is the President and has sole voting and investment power, holds 396,825 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Johnson serves as a member of our Board.

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- 59 Sean Molloy, Portfolio Manager, has the power to vote and dispose of the common shares being registered on behalf of GSEC Warrant Strategies Fund LLC. Reflects transfer of warrant subsequent to February 15, 2009.
- 60 Includes 158,730 exchangeable shares issued on November 10, 2005 in connection with the share exchange.
- 61 Stuart Zimmer and Craig Lucas have the power to vote and dispose of the common shares being registered on behalf of ZLP Master Opportunity Fund, Ltd.
- 62 Includes 79,365 exchangeable shares issued on November 10, 2005 in connection with the share exchange, and 175,000 shares of common stock and warrants to acquire an additional 87,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Glenn Gurr, President of 1053361 Alberta Ltd., has sole voting and investment power over the shares held by 1053361 Alberta Ltd.
- 63 Includes 191,094 shares of common stock acquired in the First 2005 Offering. Also includes warrants to acquire an additional 114,595 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, held by Mr. Long or Ms. Nadine Smith.

Shares Being Offered From Prior Financings

This prospectus covers shares, including shares underlying warrants, sold in our other private equity offerings to “accredited investors” as defined by Rule 501(a) under the Securities Act pursuant to an exemption from registration provided in Regulation D, Rule 506 under Section 4(2) of the Securities Act. The selling stockholders may from time to time offer and sell under this prospectus any or all of the shares listed opposite each of their names below. We are required, under a registration rights agreement, to register for resale the shares of our common stock described in the table below.

The following table sets forth information about the number of shares beneficially owned by each selling stockholder that may be offered from time to time under this prospectus. Certain selling stockholders are deemed to be “underwriters” as defined in the Securities Act. Any profits realized by these selling stockholder may be deemed to be underwriting commissions. See “Plan of Distribution.”

The table below has been prepared based upon the information furnished to us by the selling stockholders as of February 15, 2009. The selling stockholders identified below may have sold, transferred or otherwise disposed of some or all of their shares since the date on which the information in the following table is presented in transactions using the registration statement of which this prospectus forms a part or in transactions exempt from or not subject to the registration requirements of the Securities Act. Information concerning the selling stockholders may change from time to time and, if necessary, we will amend or supplement this prospectus accordingly. We cannot give an estimate as to the number of shares of common stock that will be held by the selling stockholders upon termination of this offering because the selling stockholders may offer some or all of their common stock under the offering contemplated by this prospectus. The total number of shares that may be sold hereunder will not exceed the number of shares offered hereby. Please read the section entitled “Plan of Distribution” in this prospectus.

We have been advised, as noted below in the footnotes to the table, one of the selling stockholder is a broker-dealer and six of the selling stockholders are affiliates of broker-dealers. We have been advised that each such affiliate of a broker-dealer purchased our common stock and warrants in the ordinary course of business, not for resale, and at the time of purchase, did not have any agreements or understandings, directly or indirectly, with any person to distribute the related common stock.

The following table sets forth the name of each selling stockholder, the nature of any position, office, or other material relationship, if any, which the selling stockholder has had, within the past three years, with us or with any of our predecessors or affiliates, and the number of shares of our common stock beneficially owned by such stockholder before this offering. The number of shares owned are those beneficially owned, as determined in accordance with Rule 13d-3 of the Exchange Act. Under such rule, beneficial ownership includes any shares of common stock as to which a person has sole or shared voting power or investment power and any shares of common stock which the person has the right to acquire within 60 days through the exercise of any option, warrant or right, through conversion of any security or pursuant to the automatic termination of a power of attorney or revocation of a trust, discretionary account or similar arrangement, and such information is not necessarily indicative of beneficial ownership for any other purpose.

Beneficial ownership is calculated based on 238,710,473 shares of our common stock outstanding as of February 15, 2009, which includes 10,984,126 exchangeable shares of Gran Tierra Goldstrike Inc. issued to holders of Gran Tierra Canada common stock and 31,519,884 exchangeable shares of Gran Tierra Exchangeco Inc. issued to holders of Solana common stock. In computing the number of shares beneficially owned by a person and the percentage of ownership of that person, shares of common stock subject to options or warrants held by that person that are currently exercisable or become exercisable within 60 days of February 15, 2009 are deemed outstanding even if they have not actually been exercised. Those shares, however, are not deemed outstanding for the purpose of calculating the beneficial ownership of any other selling stockholder. The persons and entities named in the table have sole voting and sole investment power with respect to the shares set forth opposite the stockholder's name, subject to community property laws, where applicable.

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| Selling Stockholder | Shares of Common Stock Owned Before the Offering | Shares of Common Stock Being Offered | Shares of Common Stock Owned Upon Completion of the Offering (a) | Percentage of Common Stock Outstanding Upon Completion of Offering |
|---|--|--|--|--|
| Amaran Tyab1†† | 7,500 | 7,500 | - | - |
| Arnold J. Charbonneau2 | 15,625 | 15,625 | - | - |
| Arthur Ruoff3 | 48,000 | 48,000 | - | - |
| Bank Sal. Oppenheim Jr. & Cie (Switzerland) Ltd.4†† | 551,500 | 551,500 | - | - |
| Barbara Jean Taylor5†† | 149,982 | 149,982 | - | - |
| Barry R. Balsillie6 | 233,730 | 75,000 | 158,730 | * |
| Bashaw Fertilizer Ltd.7 | 106,791 | 92,500 | 14,291 | * |
| Bela Balaz8†† | 29,978 | 29,978 | - | - |
| Bernie Broda9† | 46,875 | 46,875 | - | - |
| Betty Wong10 | 15,625 | 15,625 | - | - |
| Catherine E. Coffield tt Catherine E. Coffield Rev. Tr. Dtd 04/22/199111 | 75,000 | 75,000 | - | - |
| Chad Oakes12 | 410,152 | 199,991 | 210,161 | * |
| Clive Mark Stockdale13 | 16,000 | 16,000 | - | - |
| Dale Foster14 | 312,389 | 12,491 | 299,898 | * |
| Dana Quentin Coffield15 | 2,209,662 | 44,978 | 2,164,684 | * |
| Daniel Todd Dane16†† | 849,978 | 749,978 | 100,000 | * |
| Donald A. Wright17 | 1,873,279 | 500,000 | 1,373,279 | * |
| Earl Fawcett18†† | 21,875 | 21,875 | - | - |
| Edward B. Antonsen19 | 47,500 | 20,000 | 27,500 | * |
| Edward Armogan20†† | 18,000 | 18,000 | - | - |
| Edwin Lau21†† | 15,625 | 15,625 | - | - |
| Elizabeth J. Fenton22†† | 37,500 | 37,500 | - | - |
| Scotia Capital ITF Eric Pedersen23†† | 21,875 | 21,875 | - | - |
| Gary Gee Wai Hoy and Lily Lai Wan Hoy24 | 24,119 | 15,619 | 8,500 | * |
| Grant Hodgins25†† | 41,119 | 15,619 | 25,500 | * |
| Gregg J. Sedun26†† | 212,491 | 62,491 | 150,000 | * |
| Hollyvale Limited27†† | 25,500 | 8,500 | 17,000 | * |
| Humbert B. Powell III28† | 46,875 | 46,875 | - | - |
| James E. Anderson29 | 60,000 | 60,000 | - | - |
| James Fletcher30† | 15,000 | 15,000 | - | - |
| Janet R. Denhamer31†† | 37,472 | 37,472 | - | - |
| Jason Soprovich Realty Inc.32† | 46,875 | 46,875 | - | - |
| Jeffrey J. Scott33†† | 2,780,527 | 674,972 | 2,105,555 | * |
| Jim and Kathleen Gilders34 | 35,000 | 30,000 | 5,000 | * |
| John and Jodi Malanga35† | 63,000 | 37,500 | 25,500 | * |
| Kent Kirby36†† | 7,500 | 7,500 | - | - |
| Lisa and Donald Streu37† | 73,250 | 73,250 | - | - |
| Lisa Streu38† | 28,125 | 28,125 | - | - |
| LSM Business Services Ltd.39 | 50,625 | 40,625 | 10,000 | * |
| Mark E. Cline40†† | 46,875 | 46,875 | - | - |
| Michael J. Stark41†† | 187,472 | 187,472 | - | - |
| Nadine C. Smith42†† | 732,900 | 631,811 | 101,089 | * |

12.

| | | | | |
|---|-----------|-----------|-----------|-------|
| Neil Davey ^{43††} | 7,500 | 7,500 | - | - |
| Nell Dragovan ^{44†} | 46,875 | 46,875 | - | - |
| Nick DeMare ⁴⁵ | 14,000 | 14,000 | - | - |
| North Group Limited ^{46††} | 20,000 | 20,000 | - | - |
| Perfco Investments Ltd. ^{47†} | 2,412,302 | 525,000 | 1,887,302 | * |
| Postell Energy Co Ltd ^{48††} | 37,500 | 37,500 | - | - |
| Prussian Capital Corp ^{49††} | 50,000 | 50,000 | - | - |
| Richard M. Crawford ^{50††} | 15,625 | 15,625 | - | - |
| Richard Machin ⁵¹ | 42,500 | 25,000 | 17,500 | * |
| Richard MacDermott ^{52††} | 247,478 | 187,478 | 60,000 | * |
| Rob Anderson ^{53††} | 56,250 | 56,250 | - | - |
| Robert A. Fenton ^{54††} | 37,500 | 37,500 | - | - |
| Robert D. Steele ^{55†} | 192,500 | 112,500 | 80,000 | * |
| Robert K. Macleod ⁵⁶ | 69,999 | 45,000 | 24,999 | * |
| Rowena M. Santos ⁵⁷ | 31,125 | 15,625 | 15,500 | * |
| Sanovest Holdings Ltd. ⁵⁸ | 31,250 | 31,250 | - | - |
| Sean Warren ^{59††} | 33,750 | 33,750 | - | - |
| Standard Bank PLC ^{60†} | 1,875,000 | 1,875,000 | - | - |
| Suljo Dzafovic ^{61††} | 15,000 | 15,000 | - | - |
| Tammy L. Gurr ^{62†} | 28,125 | 28,125 | - | - |
| The Brewster Family Trust ^{63††} | 15,625 | 15,625 | - | - |
| Thomas Rebane ⁶⁴ | 7,500 | - | 7,500 | * |
| Verne G. Johnson ^{65††} | 1,562,892 | 62,493 | 1,500,399 | * |
| Wildcat Investments Ltd. ⁶⁶ | 25,000 | 25,000 | - | - |
| William McCluskey ⁶⁷ | 393,750 | 393,750 | - | - |
| 1053361 Alberta Ltd. ^{68††} | 491,865 | 262,500 | 229,365 | * |
| 1087741 Alberta Ltd. ^{69††} | 15,993 | 15,993 | - | - |
| 666977 Alberta Ltd. ^{70††} | 12,000 | 12,000 | - | - |
| 893619 Alberta Ltd. ⁷¹ | 149,972 | 149,972 | - | - |
| John D. Long, Jr ^{72†} | 354,600 | 305,689 | 48,911 | * |
| Chapel Rock Holdings Ltd. ⁷³ | 16,769 | 16,769 | - | - |
| Wayne Hucik ⁷⁴ | 38,644 | 21,875 | 16,769 | * |
| Walter Dawson ⁷⁵ | 3,130,952 | 300,000 | 2,830,952 | 1.30% |

* Less than 1.0%.

(a) Assumes all of the shares of common stock and all shares of common stock underlying warrants registered in this offering are sold in the offering.

† We were unable to obtain updated information from this selling stockholder. Shares of common stock being offered based on information provided as of December 20, 2007. Shares of common stock being offered upon exercise of warrants, as applicable, based on information available as of February 15, 2009.

†† We were unable to obtain updated information from this selling stockholder. Shares of common stock being offered based on information provided as of February 2, 2007. Shares of common stock being offered upon exercise of warrants, as applicable, based on information available as of February 15, 2009.

1 Includes 5,000 shares of common stock and warrants to acquire an additional 2,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.

- 2 Includes 15,625 shares of common stock acquired in the First 2005 Offering.
- 3 Includes 32,000 shares of common stock and warrants to acquire an additional 16,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.

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- 4 Includes 474,000 shares of common stock and warrants to acquire an additional 77,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. R. Gelant and U. Fricher have the power to vote and dispose of the shares being registered on behalf of Bank Sal. Oppenheimer Jr.
- 5 Includes 99,988 shares of common stock and warrants to acquire an additional 49,994 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 6 Includes 50,000 shares of common stock and warrants to acquire an additional 25,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Includes 158,703 shares of common stock issued in exchange for exchangeable shares originally issued on November 10, 2005 in connection with the share exchange.
- 7 Includes 92,500 shares of common stock acquired as part of the First 2005 Offering. Richard Groom has the power to vote and dispose of the common shares being registered on behalf of Bashaw Fertilizer Ltd.
- 8 Includes 19,985 shares of common stock and warrants to acquire an additional 9,993 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 9 Includes 31,250 shares of common stock and warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 10 Includes warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 11 Includes 50,000 shares of common stock and warrants to acquire an additional 25,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Ms. Coffield is the mother of Dana Coffield, who serves as our President, Chief Executive Officer and as a member of the Board.
- 12 Includes 75,000 shares of common stock and warrants to acquire an additional 124,991 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Oakes also holds 41,666 shares of common stock and warrants to acquire an additional 89,995 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 13 Includes warrants to acquire 16,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Stockdale is an affiliate of a broker-dealer.
- 14 Includes warrants to acquire 12,491 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Foster also holds 79,365 exchangeable shares issued on November 10, 2005 in connection with the share exchange, and 39,273 shares of common stock and warrants to acquire an additional 24,996 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering. Also includes 99,981 shares of common stock and 49,991 shares of common stock issuable pursuant to warrants beneficially held by 893619 Alberta Ltd., of which Mr. Foster is the President and Director, and over which Mr. Foster has sole voting and investment power. Mr. Foster is an affiliate of a broker-dealer.
- 15 Includes 29,985 shares of common stock and warrants to acquire an additional 14,993 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Coffield also holds 66,667 shares of common stock and warrants to acquire an additional 33,334 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering, and 1,689,683 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Coffield serves as our President, Chief

Executive Officer and as a member of the Board.

- 16 Includes 499,985 shares of common stock and warrants to acquire an additional 249,993 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Dane also holds 66,666 shares of common stock and warrants to acquire an additional 33,334 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 17 Includes 250,000 shares of common stock and warrants to acquire an additional 250,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Wright also holds 158,730 exchangeable shares issued on November 10, 2005 in connection with the share exchange, and 500,000 shares of common stock and warrants to acquire an additional 250,000 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 18 Includes warrants to acquire 21,875 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.

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- 19 Includes warrants to acquire 20,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering. Mr. Antonsen also holds warrants to acquire an additional 27,500 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 20 Includes 12,000 shares of common stock and warrants to acquire an additional 6,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 21 Includes warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 22 Includes 25,000 shares of common stock and warrants to acquire an additional 12,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 23 Includes warrants to acquire 21,875 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 24 Includes 15,619 shares of common stock acquired in the First 2005 Offering. The selling stockholder also holds 8,500 shares of common stock acquired upon exercise of warrants purchased in the June, 2006 private offering.
- 25 Includes warrants to acquire 15,619 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 17,000 shares of common stock and warrants to acquire an additional 8,500 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 26 Includes warrants to acquire 62,491 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 100,000 shares of common stock and warrants to acquire an additional 50,000 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 27 Includes warrants to acquire 8,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 17,000 shares of common stock acquired in the June, 2006 private offering. Jeremy Spring has the power to vote and dispose of the common shares being registered on behalf of Hollyvale Limited.
- 28 Includes 31,250 shares of common stock and warrants to acquire an additional 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Mr. Powell is an affiliate of a broker-dealer.
- 29 Includes 35,000 shares of common stock and an additional 25,000 shares of common stock acquired upon exercise of warrants acquired in the First 2005 Offering.
- 30 Includes warrants to acquire 15,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 31 Includes 24,981 shares of common stock and warrants to acquire an additional 12,491 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 32 Includes 31,250 shares of common stock and warrants to acquire an additional 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Jason Soprovich has the power to

vote and dispose of the common shares being registered on behalf of Jason Soprovich Realty.

- 33 Includes 349,981 shares of common stock and warrants to acquire an additional 174,991 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, and an additional 100,000 shares of common stock and warrants to acquire an additional 50,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering. Mr. Scott also holds 100,000 shares of common stock and warrants to acquire 50,000 shares of common stock at an exercise price of \$1.05 per share, acquired in our June, 2006 private offering, as well as 1,688,889 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Scott serves as our Chairman of the Board.
- 34 Allan Gilders has sole investment and voting power over the shares of common stock owned by Jim and Kathleen Gilders.

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- 35 Includes 25,000 shares of common stock and warrants to acquire an additional 12,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. John and Jodi Malanga are affiliates of a broker-dealer. The selling stockholders also hold 17,000 shares of common stock and warrants to acquire an additional 8,500 shares of common stock at an exercise price of \$1.05 per share, held by IRA for the benefit of Jodi Malanga/Pershing LLC as Custodian, acquired in the June, 2006 private offering.
- 36 Includes 5,000 shares of common stock and warrants to acquire an additional 2,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 37 Includes 73,250 shares of common stock, acquired in the First 2005 Offering.
- 38 Includes warrants to acquire 28,125 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 39 Includes 25,000 shares of common stock and warrants to acquire an additional 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering. The selling stockholder also holds warrants to acquire an additional 10,000 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering. Lloyd Guenther has the power to vote and dispose of the common shares being registered on behalf of LSM Business Services, Ltd.
- 40 Includes 31,250 shares of common stock and warrants to acquire an additional 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 41 Includes 124,981 shares of common stock and warrants to acquire an additional 62,491 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 42 Includes 433,906 shares of common stock acquired in the First 2005 Offering. Also includes warrants to acquire an additional 197,905 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, held by Ms. Smith or Mr. John Long. Ms. Smith also holds 69,425 shares of common stock and a warrant to acquire an additional 31,664 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering. Ms. Smith served as a member of our Board until March 27, 2008. The information presented is as of February 11, 2008.
- 43 Includes 5,000 shares of common stock and warrants to acquire an additional 2,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 44 Includes 31,250 shares of common stock and warrants to acquire an additional 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 45 Includes warrants to acquire 14,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 46 Includes warrants to acquire 20,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering. Tom Kusumoto has the power to vote and dispose of the common shares being registered on behalf of North Group Limited.
- 47 Includes 525,000 shares of common stock acquired in the First 2005 Offering. The selling stockholder also holds 300,000 shares of common stock acquired in the June, 2006 private offering, and 1,587,302 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Walter Dawson is the sole owner

of Perfco Investments Ltd and has sole investment and voting power over the shares of common stock owned by Perfco and disclaims beneficial ownership of such shares. Mr. Dawson is a member of our Board

- 48 Includes 25,000 shares of common stock and warrants to acquire an additional 12,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Jeffrey Scott, Chairman of the Board, is the President of Postell Energy Co. Ltd. and has the power to vote and dispose of the common shares being registered on its behalf.
- 49 Includes 50,000 shares of common stock acquired in the Second 2005 Offering. Cary Pinkowski has the power to vote and dispose of the common shares being registered on behalf of Prussian Capital Corp.
- 50 Includes warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.

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- 51 The selling stockholder also holds 17,500 shares of common stock acquired in the June, 2006 private offering.
- 52 Includes 124,985 shares of common stock and warrants to acquire an additional 62,493 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 40,000 shares of common stock and warrants to acquire an additional 20,000 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 53 Includes warrants to acquire 16,250 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Includes 40,000 shares of common stock acquired in the Second 2005 Offering. This selling stockholder is a broker-dealer.
- 54 Includes 25,000 shares of common stock and warrants to acquire an additional 12,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 55 Includes 75,000 shares of common stock and warrants to acquire an additional 37,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 80,000 shares of common stock acquired in the June, 2006 private offering.
- 56 Includes 30,000 shares of common stock warrants to acquire 15,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 16,666 shares of common stock and warrants to acquire an additional 8,333 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 57 Includes warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 7,000 shares of common stock and warrants to acquire an additional 8,500 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering.
- 58 Includes warrants to acquire 31,250 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Tom and Hydri Kusumoto have the power to vote and dispose of the common shares being registered on behalf of Sanovest Holdings Ltd.
- 59 Includes 22,500 shares of common stock and warrants to acquire an additional 11,250 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 60 Includes 1,250,000 shares of common stock and warrants to acquire an additional 625,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Roderick Frasier has the power to vote and dispose of the common shares being registered on behalf of Standard Bank PLC.
- 61 Includes 10,000 shares of common stock and warrants to acquire an additional 5,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 62 Includes 18,750 shares of common stock and warrants to acquire an additional 9,375 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering.
- 63 Includes warrants to acquire 15,625 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Jim Brewster has the power to vote and dispose of the common shares being registered on behalf of The Brewster Family Trust.

- 64 Includes warrants to acquire 7,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the Second 2005 Offering.
- 65 Includes warrants to acquire 62,493 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds warrants to acquire an additional 50,003 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering, and 895,238 exchangeable shares issued on November 10, 2005 in connection with the share exchange. In addition, KristErin Resources Ltd., a private family-owned business of which Mr. Johnson is the President and has sole voting and investment power, holds 396,825 exchangeable shares issued on November 10, 2005 in connection with the share exchange. Mr. Johnson serves as a member of our Board.
- 66 Includes warrants to acquire 25,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Bruce Nurse has the power to vote and dispose of the common shares being registered on behalf of Wildcat Investments Ltd.

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- 67 Includes 262,500 shares of common stock and warrants to acquire 131,250 shares of common stock at an exercise price of \$1.25 per share, acquired in a private placement offering completed on February 2, 2006 (the "Third 2005 Offering"). Mr. McCluskey is an affiliate of a broker-dealer.
- 68 Includes 175,000 shares of common stock and warrants to acquire an additional 87,500 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. The selling stockholder also holds 79,365 exchangeable shares issued on November 10, 2005 in connection with the share exchange, and 100,000 shares of common stock and warrants to acquire an additional 50,000 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering. Glenn Gurr, President of 1053361 Alberta Ltd. has sole voting and investment power over these shares.
- 69 Includes warrants to acquire 15,993 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Wade MacBain has the power to vote and dispose of the common shares being registered on behalf of 1087741 Alberta Ltd.
- 70 Includes 8,000 shares of common stock and warrants to acquire an additional 4,000 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Serge Bonnet has the power to vote and dispose of the common shares being registered on behalf of 666977 Alberta Ltd.
- 71 Includes 99,981 shares of common stock and warrants to acquire an additional 49,991 shares of common stock at an exercise price of 1.25 per share, acquired in the First 2005 Offering. Dale Foster has the power to vote and dispose of the common shares being registered on behalf of 893619 Alberta Ltd. Mr. Foster is an affiliate of a broker-dealer.
- 72 Includes 191,094 shares of common stock acquired in the First 2005 Offering. Also includes warrants to acquire an additional 114,595 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering, held by Mr. Long or Ms. Nadine Smith. Mr. Long also holds 30,575 shares of common stock and a warrant to acquire an additional 18,336 shares of common stock at an exercise price of \$1.05 per share, acquired in the June, 2006 private offering. The information presented is as of February 11, 2008.
- 73 Includes 16,769 shares of common stock held by Chapel Rock Holdings Ltd., acquired in the First 2005 Offering. Wayne Hucik has the power to vote and dispose of the common shares being registered on behalf of Chapel Rock Holdings Ltd.
- 74 Includes warrants to acquire 21,875 shares of common stock at an exercise price of \$1.25 per share, acquired in the First 2005 Offering. Also includes 16,769 shares of common stock held by Chapel Rock Holdings Ltd., acquired in the First 2005 Offering. Mr. Hucik has the power to vote and dispose of the common shares being registered on behalf of Chapel Rock Holdings Ltd.
- 75 Includes 300,000 shares of common stock acquired in the Second 2005 Offering. Mr. Dawson also holds 101,587 exchangeable shares issued on November 10, 2005 in connection with the share exchange, and an additional 825,000 shares of common stock and 1,587,302 exchangeable shares issued on November 10, 2005 in connection with the share exchange, held by Perfco Investments Ltd., of which Mr. Dawson is the President and sole owner. Mr. Dawson has sole investment and voting power over the exchangeable shares and shares of common stock owned by Perfco Investments Ltd. Mr. Dawson disclaims beneficial ownership of 158,730 exchangeable shares held by Mr. Dawson's spouse. Mr. Dawson is a member of our Board.

Exchangeable Shares and Additional Warrants

This prospectus covers the offer and sale of shares issued or issuable to the selling stockholders upon exchange of exchangeable shares of Gran Tierra Goldstrike, Inc., an indirect subsidiary of Gran Tierra, previously held or currently held by the selling stockholders. The exchangeable shares were issued to the selling stockholders in a private offering on November 10, 2005. This prospectus also covers the offer and sale of 720,814 shares issuable upon exercise of warrants held by two selling stockholders issued in connection with a private placement in June 2006.

The following table sets forth information about the number of shares beneficially owned by each selling stockholder that may be offered from time to time under this prospectus. Certain selling stockholders are deemed to be “underwriters” as defined in the Securities Act. Any profits realized by these selling stockholder may be deemed to be underwriting commissions. See “Plan of Distribution.”

The table below has been prepared based upon the information furnished to us by the selling stockholders. The selling stockholders identified below may have sold, transferred or otherwise disposed of some or all of their shares since the date on which the information in the following table is presented in transactions exempt from or not subject to the registration requirements of the Securities Act. Information concerning the selling stockholders may change from time to time and, if necessary, we will amend or supplement this prospectus accordingly. We cannot give an estimate as to the number of shares of common stock that will be held by the selling stockholders upon termination of this offering because the selling stockholders may offer some or all of their common stock under the offering contemplated by this prospectus. The total number of shares that may be sold hereunder will not exceed the number of shares offered hereby. Please read the section entitled “Plan of Distribution” in this prospectus.

We have been advised, as noted below in the footnotes to the table, two of the selling stockholders are broker-dealers and one of the selling stockholders is an affiliate of a broker-dealers. We have been advised that such affiliate of a broker-dealer purchased our common stock and warrants in the ordinary course of business, not for resale, and at the time of purchase, did not have any agreements or understandings, directly or indirectly, with any person to distribute the related common stock.

The following table sets forth the name of each selling stockholder, the nature of any position, office, or other material relationship, if any, which the selling stockholder has had, within the past three years, with us or with any of our predecessors or affiliates, and the number of shares of our common stock beneficially owned by such stockholder before this offering. The number of shares owned are those beneficially owned, as determined in accordance with Rule 13d-3 of the Exchange Act. Under such rule, beneficial ownership includes any shares of common stock as to which a person has sole or shared voting power or investment power and any shares of common stock which the person has the right to acquire within 60 days through the exercise of any option, warrant or right, through conversion of any security or pursuant to the automatic termination of a power of attorney or revocation of a trust, discretionary account or similar arrangement, and such information is not necessarily indicative of beneficial ownership for any other purpose.

Beneficial ownership is calculated based on 238,710,473 shares of our common stock outstanding as of February 15, 2009, which includes 10,984,126 exchangeable shares of Gran Tierra Goldstrike Inc. issued to holders of Gran Tierra Canada common stock and 31,519,884 exchangeable shares of Gran Tierra Exchangeco Inc. issued to holders of Solana common stock. In computing the number of shares beneficially owned by a person and the percentage of ownership of that person, shares of common stock subject to options or warrants held by that person that are currently exercisable or become exercisable within 60 days of February 15, 2009 are deemed outstanding even if they have not actually been exercised. Those shares, however, are not deemed outstanding for the purpose of calculating the beneficial ownership of any other selling stockholder. The persons and entities named in the table have sole voting and sole investment power with respect to the shares set forth opposite the stockholder's name, subject to community property laws, where applicable.

| Shareholder | Shares of Common Stock Beneficially Owned Before the Offering | Shares of Common Stock Being Offered | Shares of Common Stock Beneficially Owned upon Completion of Offering | Percentage of Common Stock Beneficially Owned Upon Completion of Offering |
|----------------------------------|---|--------------------------------------|---|---|
| Jeffrey J. Scott1† | 2,780,527 | 1,688,889 | 1,091,638 | * |
| Walter A. Dawson2† | 3,130,952 | 101,587 | 3,029,365 | 1.30% |
| Margaret A. Dawson3† | 158,730 | 158,730 | - | - |
| Perfco Investments Ltd.4† | 2,412,302 | 1,587,302 | 825,000 | * |
| Verne G. Johnson5† | 1,562,892 | 895,238 | 667,654 | * |
| KristErin Resources Inc.6† | 396,825 | 396,825 | - | - |
| Rafael Orunesu7 | 2,063,850 | 1,689,683 | 374,167 | * |
| Dana Coffield8 | 2,209,662 | 1,689,683 | 519,979 | * |
| Max Hsu Wei9 | 1,992,167 | 1,689,683 | 302,484 | * |
| William J. Scott10† | 308,730 | 158,730 | 150,000 | * |
| Dale Foster11 | 312,389 | 79,365 | 233,024 | * |
| David Roger Keith12† | 108,730 | 108,730 | - | - |
| Donald A. Wright13 | 1,873,279 | 158,730 | 1,714,549 | * |
| Ahmed Hussain Al-Khalaf12† | 158,730 | 158,730 | - | - |
| Slapco Ltd.14† | 104,761 | 104,761 | - | - |
| Edward J. Muchowski15† | 308,730 | 158,730 | 150,000 | * |
| Gordon Skulmoski12† | 79,365 | 79,365 | - | - |
| 1053361 Alberta Ltd.16† | 491,865 | 79,365 | 412,500 | * |
| SMH Capital Inc.17† | 708,921 | 708,921 | - | - |
| Canaccord Capital Corporation18† | 11,893 | 11,893 | - | - |

19.

* Less than one percent.

† We were unable to obtain updated information from this selling stockholder. Shares of common stock beneficially owned prior to offering based on information provided as of November 15, 2007. Shares of common stock being offered upon exchange of exchangeable shares, exercise of warrants and stock options, as applicable, based on information available as of February 15, 2009.

- 1 Includes 1,688,889 shares of common stock issuable upon the exchange of exchangeable shares and 266,666 shares of common stock issuable pursuant to options and 274,991 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009. Mr. Scott serves as our Chairman of the Board.
- 2 Includes 101,587 shares of common stock issuable upon the exchange of exchangeable shares and 158,333 shares of common stock issuable pursuant to options exercisable within 60 days of February 15, 2009. Also includes 825,000 shares of common stock and 1,587,302 shares of common stock issuable upon the exchange of exchangeable shares held by Perfco Investments Ltd., of which Mr. Dawson is the President and sole owner. Also includes 158,730 shares of common stock issuable upon the exchange of exchangeable shares held by Mr. Dawson's spouse. Mr. Dawson disclaims beneficial ownership of the 158,730 shares of common stock issuable to his spouse. Mr. Dawson serves as a member of the Board.
- 3 Includes 158,730 shares of common stock issuable upon the exchange of exchangeable shares. Does not include shares beneficially owned by Margaret Dawson's husband, Walter Dawson, or Perfco Investments Ltd. See notes 2 and 4 to this table.
- 4 Includes 1,587,302 shares of common stock issuable upon the exchange of exchangeable shares. Walter Dawson, President and sole owner of Perfco Investments Ltd., has sole investment and voting power over the shares of common stock owned by Perfco Investments Ltd. Mr. Dawson is a member of the Board.
- 5 Includes 895,238 shares of common stock issuable upon the exchange of exchangeable shares and 158,333 shares of common stock issuable pursuant to options exercisable within 60 days of February 15, 2009, and 112,496 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009. In addition, KristErin Resources Ltd., a private family-owned business of which Mr. Johnson is the President and has sole voting and investment power, holds 396,825 shares of common stock issuable upon the exchange of exchangeable shares. Mr. Johnson serves as a member of the Board.
- 6 Consists solely of shares of common stock issuable upon the exchange of exchangeable shares. Verne Johnson, President and Sole Owner of KristErin Resources Inc. has the power to vote and invest the shares of common stock being registered on behalf of KristErin Resources Inc. Mr. Johnson is a member of the Board.
- 7 Includes 1,689,683 shares of common stock issuable upon the exchange of exchangeable shares and 254,167 shares of common stock issuable pursuant to options exercisable within 60 days of February 15, 2009 and 40,000 shares of common stock issuable pursuant to warrants that Mr. Orunesu has the right to acquire within 60 days of February 15, 2009. Mr. Orunesu is the President of Gran Tierra Argentina S.A., a subsidiary of Gran Tierra.

- 8 Includes 1,689,683 shares of common stock issuable upon the exchange of exchangeable shares and 375,000 shares of common stock issuable pursuant to options exercisable within 60 days of February 15, 2009 and 48,327 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009. Dana Coffield serves as our President, Chief Executive Officer and as a member of the Board.
 - 9 Includes 1,689,683 shares of common stock issuable upon the exchange of exchangeable shares, 262,500 shares of common stock issuable pursuant to options exercisable within 60 days of February 15, 2009. Mr. Wei is our Vice President, Operations.
 - 10 Includes 158,730 shares of common stock issuable upon the exchange of exchangeable shares and 50,000 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009.
 - 11 Includes 79,365 shares of common stock issuable upon the exchange of exchangeable shares and 37,487 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009. Also includes 99,981 shares of common stock and 49,991 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009 beneficially held by 893619 Alberta Ltd., of which Mr. Foster is the President and Director, and over which Mr. Foster has sole voting and investment power. Mr. Foster is an affiliate of a broker dealer.
 - 12 Consists solely of shares of common stock issuable upon the exchange of exchangeable shares.
 - 13 Includes 158,730 shares of common stock issuable upon the exchange of exchangeable shares and 500,000 shares of common stock issuable pursuant to warrants that are exercisable within 60 days of February 15, 2009.
 - 20.
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- 14 Consists solely of shares of common stock issuable upon the exchange exchangeable shares. Earle McMaster, the President and CEO of Slapco Ltd., may be deemed to have voting and investment power over the shares being registered on behalf of Slapco Ltd.
- 15 Includes 158,730 shares of common stock issuable upon the exchange of exchangeable shares and 50,000 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009.
- 16 Includes 79,365 shares of common stock issuable upon the exchange of exchangeable shares and 137,500 shares of common stock issuable pursuant to warrants exercisable within 60 days of February 15, 2009. Glen Gurr, President of 1053361 Alberta Ltd., and Rhonda Trueman, Vice President of 1053361 Alberta Ltd., have the power to vote and invest the shares registered on behalf of 1053361 Alberta Ltd.
- 17 Consists solely of shares issuable upon the exercise of warrants issued in connection with the June 2006 private offering. This selling stockholder is a broker-dealer, Mr. Ben Morris, Chief Executive Officer of SMH Capital Inc., has the power to vote and invest the shares registered on behalf of SMH Capital Inc.
- 18 Consists solely of shares issuable upon the exercise of warrants issued in connection with the June 2006 private offering. This selling stockholder is a broker-dealer. Mr. Brad Kotush, Chief Financial Officer of Canaccord Capital Corporation, has the power to vote and invest the shares registered on behalf of Canaccord Capital Corporation.

PLAN OF DISTRIBUTION

The selling stockholders may, from time to time, sell any or all of their shares of common stock on any stock exchange, market or trading facility on which the shares are traded or in private transactions. If the shares of common stock are sold through underwriters or broker-dealers, the selling stockholders will be responsible for underwriting discounts or commissions or agent's commissions. These sales may be at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or negotiated prices. The selling stockholders may use any one or more of the following methods when selling shares:

- any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale;
- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- transactions otherwise than on these exchanges or systems or in the over-the-counter market;
- through the writing of options, whether such options are listed on an options exchange or otherwise;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales;
- broker-dealers may agree with the selling stockholders to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

The selling stockholders may also sell shares under Rule 144 under the Securities Act, if available, rather than under this prospectus.

The selling stockholders may also engage in short sales against the box, puts and calls and other transactions in our securities or derivatives of our securities and may sell or deliver shares in connection with these trades.

Broker-dealers engaged by the selling stockholders may arrange for other broker-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the selling stockholders (or, if any broker-dealer acts as agent for the purchaser of shares, from the purchaser) in amounts to be negotiated. The selling stockholders do not expect these commissions and discounts to exceed what is customary in the types of transactions involved. Any profits on the resale of shares of common stock by a broker-dealer acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. Discounts, concessions, commissions and similar selling expenses, if any, attributable to the sale of shares will be borne by a selling stockholder. The selling stockholders may agree to indemnify any agent, dealer or broker-dealer that participates in transactions involving sales of the shares if liabilities are imposed on that person under the Securities Act.

21.

In connection with the sale of the shares of common stock or otherwise, the selling stockholders may enter into hedging transactions with broker-dealers, which may in turn engage in short sales of the shares of common stock in the course of hedging in positions they assume. The selling stockholders may also sell shares of common stock short and deliver shares of common stock covered by this prospectus to close out short positions and to return borrowed shares in connection with such short sales. The selling stockholders may also loan or pledge shares of common stock to broker-dealers that in turn may sell such shares.

The selling stockholders may from time to time pledge or grant a security interest in some or all of the shares of common stock owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the shares of common stock from time to time under this prospectus after we have filed an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act amending the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus.

The selling stockholders also may transfer the shares of common stock in other circumstances, in which case the transferees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus and may sell the shares of common stock from time to time under this prospectus after we have filed an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act amending the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer and donate the shares of common stock in other circumstances in which case the transferees, donees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The selling stockholders and any broker-dealers or agents that are involved in selling the shares may be deemed to be "underwriters" within the meaning of the Securities Act in connection with such sales. Hazel Bennett, IRA FBO Lisa Marcelli Pershing LLC as Custodian, Rob Anderson, SMH capital Inc., and Canaccord Capital Corporation are broker-dealers and are deemed to be "underwriters" within the meaning of the Securities Act in connection with selling the shares. In such event, any commissions paid, or any discounts or concessions allowed to, such broker-dealers or agents and any profit realized on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. At the time a particular offering of the shares of common stock is made, a prospectus supplement, if required, will be distributed which will set forth the aggregate amount of shares of common stock being offered and the terms of the offering, including the name or names of any broker-dealers or agents, any discounts, commissions and other terms constituting compensation from the selling stockholders and any discounts, commissions or concessions allowed or reallocated or paid to broker-dealers. Under the securities laws of some states, the shares of common stock may be sold in such states only through registered or licensed brokers or dealers. In addition, in some states the shares of common stock may not be sold unless such shares have been registered or qualified for sale in such state or an exemption from registration or qualification is available and is complied with. There can be no assurance that any selling stockholder will sell any or all of the shares of common stock registered pursuant to the shelf registration statement, of which this prospectus forms a part.

Each selling stockholder has informed us that it does not have any agreement or understanding, directly or indirectly, with any person to distribute the common stock. None of the selling stockholders who are affiliates of broker-dealers, other than the initial purchasers in private transactions, purchased the shares of common stock outside of the ordinary course of business or, at the time of the purchase of the common stock, had any agreements, plans or understandings, directly or indirectly, with any person to distribute the securities.

We are required to pay all fees and expenses incident to the registration of the shares of common stock. Except as provided for indemnification of the selling stockholders, we are not obligated to pay any of the expenses of any attorney or other advisor engaged by a selling stockholder. We have agreed to indemnify the selling stockholders

against certain losses, claims, damages and liabilities, including liabilities under the Securities Act.

If we are notified by any selling stockholder that any material arrangement has been entered into with a broker-dealer for the sale of shares of common stock, if required, we will file a supplement to this prospectus. If the selling stockholders use this prospectus for any sale of the shares of common stock, they will be subject to the prospectus delivery requirements of the Securities Act.

22.

The anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of our common stock and activities of the selling stockholders, which may limit the timing of purchases and sales of any of the shares of common stock by the selling stockholders and any other participating person. Regulation M may also restrict the ability of any person engaged in the distribution of the shares of common stock to engage in passive market-making activities with respect to the shares of common stock. Passive market-making involves transactions in which a market-maker acts as both our underwriter and as a purchaser of our common stock in the secondary market. All of the foregoing may affect the marketability of the shares of common stock and the ability of any person or entity to engage in market-making activities with respect to the shares of common stock.

Once sold under the registration statement, of which this prospectus forms a part, the shares of common stock will be freely tradable in the hands of persons other than our affiliates.

LEGAL MATTERS

The validity of the common stock being offered hereby has been passed upon by Kummer Kaempfer Bonner & Renshaw with respect to some of the shares, and Mc Guire Woods LLP, New York, New York with respect to the remaining shares.

EXPERTS

The consolidated financial statements of Gran Tierra Energy Inc. incorporated in this Prospectus by reference from Gran Tierra Energy Inc.'s Annual Report on Form 10-K for the year ended December 31, 2008 and the effectiveness of Gran Tierra Energy Inc.'s internal control over financial reporting have been audited by Deloitte & Touche LLP, independent registered chartered accountants, as stated in their reports, which are incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

The consolidated financial statements of Solana Resources Limited incorporated in this Prospectus by reference to Gran Tierra Energy Inc.'s Current Report on Form 8-K/A filed with the SEC on January 28, 2009, have been audited by Deloitte & Touche LLP, independent registered chartered accountants, as stated in their report (which report expresses an unqualified opinion and includes explanatory paragraphs relating to their consideration of internal controls over financial reporting, and relating to their previous reporting in accordance with Canadian generally accepted accounting principles on the consolidated financial statements as at December 31, 2007 and 2006 and for the years ended December 31, 2007, 2006 and 2005) which is incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

The information regarding Solana's oil and gas reserves incorporated by reference in this prospectus has been reviewed by DeGolyer and MacNaughton Canada Limited.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We file annual and quarterly reports, proxy statements and other information with the Securities and Exchange Commission, or SEC. You may read and obtain copies of this information by mail from the Public Reference Room of the SEC, 100 F Street, N.E., Room 1580, Washington, D.C. 20549, at prescribed rates. Further information on the operation of the SEC's Public Reference Room in Washington, D.C. can be obtained by calling the SEC at 1-800-SEC-0330.

Our Internet website is www.grantierra.com. On the Investor Relations page of that website, we provide access to all of our reports and amendments to these reports that we furnish or file with the SEC free of charge as soon as reasonably practicable after filing with the SEC. Additionally, our SEC filings are available at the SEC's website (www.sec.gov).

Our common stock is traded on the NYSE AlterNext under the symbol "GTE" and on the Toronto Stock Exchange under the symbol "GTE." In addition, reports, proxy statements and other information concerning our company can be inspected at our offices at 300, 611-10th Avenue S.W. Calgary, Alberta, Canada, T2R 0B2. Our Internet website at www.grantierra.com contains information concerning us. The information at our Internet website is not incorporated in this prospectus by reference, and you should not consider it a part of this prospectus.

The SEC allows us to 'incorporate by reference' the information contained in documents that we file with them, which means that we can disclose important information to you by referring to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus modifies or supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, and information that we file later with the SEC also will automatically update and supersede this information. We incorporate by reference the documents listed below, any filings we will make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date we filed the post-effective amendment to the registration statement of which this prospectus is a part and before the effective date of the post-effective amendment to the registration statement, and any future filings we will make with the SEC under those sections.

23.

We incorporate by reference the documents listed below and any documents that we file in the future with the SEC under Sections 13(a), 13 (c), 14 or 15(d) of the Exchange Act after the date of this prospectus and before the completion of the offering (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K):

1. Our Annual Report on Form 10-K for the year ended December 31, 2008, filed with the SEC on February 27, 2009;
2. Our Current Reports on Form 8-K and Form 8-K/A filed with the SEC on January 7, 2009, January 28, 2009; and February 4, 2009; and
3. The description of our capital stock set forth in our Registration Statement on Form S-3 (Registration No. 333-156993) filed with the SEC on January 28, 2009 under "Description of Capital Stock."

We will furnish without charge to you, on written or oral request, a copy of any or all of the documents incorporated by reference, including exhibits to these documents. You should direct any requests for documents to Martin Eden, Secretary, 300, 611-10th Avenue S.W. Calgary, Alberta, Canada, T2R 0B2, telephone number (403) 265-3221.

24.

PART II

INFORMATION NOT REQUIRED IN THE PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution

The expenses to be paid by us in connection with the distribution of the securities being registered are as set forth in the following table. The selling stockholders will not bear any portion of such expenses. All amounts shown are estimates except for the Securities and Exchange Commission registration fee.

| | |
|------------------------------|-------------------|
| SEC registration fee | \$ 21,511 |
| Legal fees and expenses | 180,000 |
| Accounting fees and expenses | 90,000 |
| Miscellaneous expenses | 29,489 |
| Total | \$ 320,000 |

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.

Item 16. Exhibits

Exhibit

| No. | Description | Reference |
|-----|-------------------------------------|---|
| 2.1 | A c q u i s i t i o n Agreements | Arrangement Agreement, dated as of July 28, 2008, by and among Gran Tierra Energy Inc., Solana Resources Limited and Gran Tierra Exchangeco Inc. (incorporated by reference to Exhibit 2.1 to the Current Report on Form 8-K, filed with the SEC on August 1, 2008).* |
| 2.2 | Acquisition Agreements | Amendment No. 2 to Arrangement Agreement, which includes the Plan of Arrangement, including appendices (incorporated by reference to Exhibit 2.2 to the Registration Statement on Form S-3 (Reg. No. 333-153376), filed with the SEC on October 10, 2008). |

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|------|---|--|
| 5.1 | Opinions of Legal Counsel | Previously filed. See: (a) Exhibit 5.1 to the Registration Statement on Form S-1 (File No. 333-140171) filed with the Securities and Exchange Commission on May 4, 2007; (b) Exhibit 5.1 to the Registration Statement on Form S-1 (File No. 333-146953) filed with the Securities and Exchange Commission on December 18, 2007; and (c) Exhibit 5.1 to the Registration Statement on Form SB-2 (File No. 333-132352) filed with the Securities and Exchange Commission on December 7, 2006. |
| 23.1 | Consent of Deloitte & Touche LLP | Filed herewith. |
| 23.2 | Consents of Legal Counsel | Included in Exhibit 5.1. |
| 23.3 | Consent of Deloitte & Touche LLP | Filed herewith. |
| 23.4 | Consent of DeGolyer and MacNaughton Canada Limited. | Filed herewith. |
| 23.5 | Consent of GLJ Petroleum Consultants Ltd. | Filed herewith. |
| 24.1 | Powers of Attorney. | Previously filed with Post-Effective Amendment No. 3 to the Registration Statement. |
- * 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 Securities and Exchange Commission.

Item 17. Undertakings

The undersigned Registrant hereby undertakes:

- (a) 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 Securities and Exchange 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 (a)(i), (a)(ii) and (a)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the Registrant pursuant to Section 13 or Section 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.

(b) 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.

(c) 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.

(d) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

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- (i) Each prospectus filed by a 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 the 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.
- (e) 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 Registrant undertakes that in a primary offering of securities of the 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 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 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 Registrant or used or referred to by the Registrant;
- (iii) The portion of any other free writing prospectus relating to the offering containing material information about an undersigned Registrant or its securities provided by or on behalf of an undersigned Registrant; and
- (iv) Any other communication that is an offer in the offering made by an undersigned Registrant to the purchaser.
- (f) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or 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 bona fide offering thereof.
- (g) 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 of 1933 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, that 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 of 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 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 the 5th day of March, 2009.

Gran Tierra Energy Inc.

By: /s/ Dana Coffield
 Dana Coffield
 Title: Chief Executive Officer
 and President

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Dana Coffield and Martin Eden, and each of them, as his or her true and lawful attorneys-in-fact and agents, with full power of substitution and re-substitution, for him or her and in his or her 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 sign any registration statement for the same offering covered by the Registration Statement that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933 and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, 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 and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their, his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

| Signature | Title | Date |
|------------------------------------|--|---------------|
| /s/ Dana Coffield Dana Coffield | President, Chief Executive Officer and Director (Principal Executive Officer) | March 5, 2009 |
| /s/ Martin Eden Martin Eden | Chief Financial Officer (Principal Financial Officer and Accounting Officer) | March 6, 2009 |
| /s/ Jeffrey Scott Jeffrey Scott | Chairman of the Board of Directors | March 5, 2009 |
| /s/ Walter Dawson Walter Dawson | Director | March 7, 2009 |
| /s/ Verne Johnson Verne Johnson | Director | March 6, 2009 |
| /s/ J. Scott Price | Director | March 6, 2009 |

J. Scott Price

/s/ Nicholas G. Kirton
Nicholas G. Kirton

Director

March 5, 2009

/s/ Ray Antony
Ray Antony

Director

March 6, 2009

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INDEX TO EXHIBITS

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