February 20, 2024

Gran Tierra Energy Inc.

(the "Company")

Notification of Transactions in the Company's Shares by Directors and Persons Discharging Managerial Responsibility

The Company announces the following transactions in the Company's common shares undertaken by directors / persons discharging managerial responsibility ("PDMRs").

The notification set out below is provided in accordance with the requirement of Article 19 of the EU Market Abuse Regulation.

Contact Information:

Gary Guidry

President and Chief Executive Officer

Ryan Ellson

Executive Vice President and Chief Financial Officer

Rodger Trimble

Vice President, Investor Relations

(403) 265-3221

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| 1 | Details of the person discharging managerial responsibilities / person closely associated | |
|----|---|--|
| a) | Name | Gary Guidry, President and Chief Executive Officer Ryan Ellson, Executive Vice President and Chief Financial Officer Jim Evans, Vice President, Corporate Services Phillip Abraham, Vice President, Legal and Business Development |
| 2 | Reason for the notification | |
| a) | Position/status | See 1 a) above |
| b) | Initial notification /Amendment | Initial notification |
| 3 | Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor | |
| a) | Name | Gran Tierra Energy Inc. |
| b) | LEI | 549300IH2S17MAIUCM32 |
| 4 | Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted | |
| a) | Description of the financial instrument, type of instrument | Common Shares |
| | Identification code | ISIN: US38500T2006 |
| b) | Nature of the transaction | Acquisition of Common Shares through the Company's Employee Share Savings Plan |
| c) | Price(s) and volume(s) | PDMR Price(s) Volume (s) Gary Guidry USD 5.35 807 Ryan Ellson USD 5.35 576 Jim Evans USD 5.35 230 Phillip Abraham USD 5.35 374 |
| d) | Aggregated information - Aggregated volume - Price | Price(s) Volume USD 5.35 1,987 |
| e) | Date of the transaction | February 20, 2024 |
| f) | Place of the transaction | Toronto Stock Exchange (TSX) |