

December 21, 2022

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
info@grantierra.com

| 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 Rodger Trimble, Vice President, Investor Relations | | | | | | | | | | | | | | | | |
| 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: US38500T1016 | | | | | | | | | | | | | | | | |
| b) | Nature of the transaction | Acquisition of Common Shares through the Company's Employee Share Savings Plan | | | | | | | | | | | | | | | | |
| c) | Price(s) and volume(s) | <table border="1"> <thead> <tr> <th>PDMR</th> <th>Price(s)</th> <th>Volume (s)</th> </tr> </thead> <tbody> <tr> <td>Gary Guidry</td> <td>USD 0.90</td> <td>4,065</td> </tr> <tr> <td>Ryan Ellson</td> <td>USD 0.90</td> <td>2,879</td> </tr> <tr> <td>Jim Evans</td> <td>USD 0.90</td> <td>1,270</td> </tr> <tr> <td>Rodger Trimble</td> <td>USD 0.90</td> <td>2,033</td> </tr> </tbody> </table> | | PDMR | Price(s) | Volume (s) | Gary Guidry | USD 0.90 | 4,065 | Ryan Ellson | USD 0.90 | 2,879 | Jim Evans | USD 0.90 | 1,270 | Rodger Trimble | USD 0.90 | 2,033 |
| PDMR | Price(s) | Volume (s) | | | | | | | | | | | | | | | | |
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| d) | Aggregated information - Aggregated volume - Price | <table border="1"> <thead> <tr> <th>Price(s)</th> <th>Volume (s)</th> </tr> </thead> <tbody> <tr> <td>USD 0.90</td> <td>10,247</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table> | | Price(s) | Volume (s) | USD 0.90 | 10,247 | | | | | | | | | | | |
| Price(s) | Volume (s) | | | | | | | | | | | | | | | | | |
| USD 0.90 | 10,247 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| e) | Date of the transaction | December 19, 2022 | | | | | | | | | | | | | | | | |
| f) | Place of the transaction | Toronto Stock Exchange (TSX) | | | | | | | | | | | | | | | | |