

Lode Gold Resources Inc. Completes Environmental Baseline Data Consolidation for the Fremont Gold Mine Project

02.03.2026 | [The Newswire](#)

[Lode Gold Resources Inc.](#) (TSX.V: LOD | OTCQB:LODFF) (the "Company" or "Lode Gold") is pleased to announce the completion of a comprehensive consolidation of historical and recent environmental baseline data for the Fremont Gold Mine Project ("Fremont") in Mariposa County, California.

The Company engaged an independent environmental consulting firm to compile, review and integrate groundwater and surface water monitoring data collected during prior campaigns in 1986-1987, as well as more recent monitoring programs completed in 2022 and 2025. The work resulted in a unified and validated environmental database that establishes a multi-decade baseline dataset for the Fremont area.

Hydrochemical Characterization

Hydrochemical evaluation using Piper diagrams indicates that both groundwater and surface water samples are predominantly classified as calcium-magnesium-bicarbonate type waters. This characterization is consistent with historical data sets.

No material changes in hydrochemical facies were observed relative to previous sampling events, indicating stable baseline geochemical conditions over time.

Metals and Water Quality Parameters

Metals detected during the monitoring programs included arsenic, copper, manganese, and nickel.

Arsenic was detected at low concentrations in one groundwater monitoring well, below the applicable drinking water Maximum Contaminant Level ("MCL"). In surface water samples, arsenic concentrations were variable across locations, consistent with prior monitoring events and reflective of local geochemical conditions observed historically in the district.

All other detected metals were below their respective drinking water MCLs.

Measured pH values were neutral across all groundwater and surface water samples collected during all programs. The consistently neutral pH conditions indicate an absence of acid generation within the monitored system. This geochemical stability is consistent with the carbonate alteration (listwaenitic alteration) of the original ophiolitic host rocks, which provides inherent buffering capacity. In particular, the presence of carbonate minerals such as ankerite contributes to acid neutralization, functioning as a natural geochemical buffer and mitigating potential decreases in pH.

Turbidity levels were elevated in certain groundwater samples, which is considered attributable to well sampling disturbance. Surface water turbidity levels were comparatively low, and total suspended solids concentrations remained below applicable secondary drinking water standards.

Baseline Implications

The last 2025 monitoring results are consistent with historical baseline data and demonstrate continuity in groundwater and surface water quality conditions across the property. The program further strengthens the environmental baseline database for the Fremont project and provides an expanded, current dataset to support ongoing environmental characterization and future regulatory engagement as project planning advances.

This consolidated environmental baseline will form part of the technical foundation for the Pre-Feasibility

Study (PFS) planned for 2026 and early 2027 and is expected to support future environmental permitting processes as Fremont advances.

Wendy T. Chan, CEO of Lode Gold, commented:

"The completion of this multi-decade environmental data consolidation marks another important milestone for Fremont. Establishing a robust and defensible baseline strengthens our technical foundation as we advance toward the PFS stage and demonstrates the steady, methodical progress we are making across engineering, environmental and permitting workstreams. Fremont continues to move forward in a disciplined manner toward development readiness."

About Lode Gold

Lode Gold has key assets in Canada and United States.

Fremont Gold Mine Project (Fremont Gold Mining LLC) is a brownfield project in Mariposa, California with 43,000 m drilled, 10,000 underground channel samples, 14 adits and 2 shafts. Mining halted in 1942 due to the gold mining prohibition during WW II. It was mined at 10.7 g/t when price was gold was \$35 per oz. PEA was completed (link) in 2023. The PEA was based on 1.16 Moz at 1.90 g/t Au within 19.0 Mt Indicated, and 2.02 MOz at 2.22 g/t Au within 28 Mt Inferred with a composite cut-off 1. MRE (link) was updated in 2025; 92% of the ounces were left unmined. Average true widths at 1g/t cut off is 53m. Project sits on > 3,000 acres of 100% owned private and patented land which is designated as OZ, Trump Administration Opportunity Zone (Special Tax Incentives).

Dingman Property is an orogenic deposit in Ontario, Canada with over 22,000 m drilled, with a 2013 PEA, MRE (link to report) : 376,000 oz at 0.94 g/t (M&I) and 47,000 oz at 0.71 g/t (Inferred).

Qualified Person

The technical information contained in this press release was reviewed and approved by Gary Wong, P.Eng., Vice President of Exploration of Lode Gold, designated as a qualified person under National Instrument 43-101.

ON BEHALF OF THE COMPANY

Wendy T. Chan
CEO & Director
info@lode-gold.com
+1(604) 977-GOLD (4653)

Kevin Shum
Investor Relations
kevin@lode-gold.com
+1(604) 977-GOLD (4653) Cautionary Statement Regarding Forward-Looking Information

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This news release includes "forward-looking statements" and "forward-looking information" within the meaning of Canadian securities legislation. All statements included in this news release, other than statements of historical fact, are forward-looking statements including, without limitation, statements with respect to the use of proceeds, advancement and completion of resource calculation, feasibility studies, and exploration plans and targets. Forward-looking statements include predictions, projections and forecasts and are often, but not always, identified by the use of words such as "anticipate", "believe", "plan", "estimate", "expect", "potential", "target", "budget" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions and includes the negatives

thereof.

Forward-looking statements are based on a number of assumptions and estimates that, while considered reasonable by management based on the business and markets in which the Company operates, are inherently subject to significant operational, economic, and competitive uncertainties, risks and contingencies. These include assumptions regarding, among other things: the status of community relations and the security situation on site; general business and economic conditions; the availability of additional exploration and mineral project financing; the supply and demand for, inventories of, and the level and volatility of the prices of metals; relationships with strategic partners; the timing and receipt of governmental permits and approvals; the timing and receipt of community and landowner approvals; changes in regulations; political factors; the accuracy of the Company's interpretation of drill results; the geology, grade and continuity of the Company's mineral deposits; the availability of equipment, skilled labour and services needed for the exploration and development of mineral properties; and currency fluctuations.

There can be no assurance that forward-looking statements will prove to be accurate and actual results, and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's expectations include a deterioration of security on site or actions by the local community that inhibits access and/or the ability to productively work on site, actual exploration results, interpretation of metallurgical characteristics of the mineralization, changes in project parameters as plans continue to be refined, future metal prices, availability of capital and financing on acceptable terms, general economic, market or business conditions, uninsured risks, regulatory changes, delays or inability to receive required approvals, business disruptions, and other exploration or other risks detailed herein and from time to time in the filings made by the Company with securities regulators, including those described under the heading "Risks and Uncertainties" in the Company's most recently filed MD&A. The Company does not undertake to update or revise any forward-looking statements, except in accordance with applicable law.

1 0.25 g/t for oxide, 0.45 g/t for open pit mineralization and 1.45 g/t for underground mineralization

Dieser Artikel stammt von [Rohstoff-Welt.de](https://www.rohstoff-welt.de)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/724574--Lode-Gold-Resources-Inc.-Completes-Environmental-Baseline-Data-Consolidation-for-the-Fremont-Gold-Mine-Pro>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).