

Fresh Ground, New Opportunities

New Exploration Assets

PROJECT GENERATOR DAY – SEPTEMBER 16, 2026

TSX.V: **OGN** OTCQX: **OGNMF**

orogenroyalties.com

O R **Q** G E N

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All amounts are in Canadian dollars unless otherwise stated.

Qualified Person

The content of this presentation has been reviewed by Laurence Pryer, Vice President Exploration, for the Company. Dr. Pryer, PGeo is a Qualified Person as defined under the terms of National Instrument 43-101 Standards of Disclosure for Mineral Projects. ("NI 43-101"). This presentation contains information regarding mineral resources that are not mineral reserves and do not have demonstrated economic viability.

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Technical Presenters



Mark Coolbaugh
PhD CPG
Chief Geoscientist

- Extensive experience in metals and geothermal exploration globally.
- Played a key role in the discovery of the Arthur and Long Canyon gold deposits in Nevada, Gatsurt gold deposit in Mongolia, and several blind geothermal systems in the Great Basin.
- Thayer-Lindsay award recipient from PDAC in 2026



Michael Say
M.Sc.
Senior Geologist

- Experienced in mineral exploration across the western USA, including greenfield and brownfield precious metal and critical mineral systems
- Integral in identifying and generating new project opportunities with alliance partners in southwest Utah and Nevada.



Laurence Pryer
PhD P.Geo
VP Exploration

- Experienced in early-stage mineral exploration across a range of mineral systems in western North America
- Plays a key role in technical project evaluation, generation, and portfolio management.
- Several years' experience in partner-client relationships and management

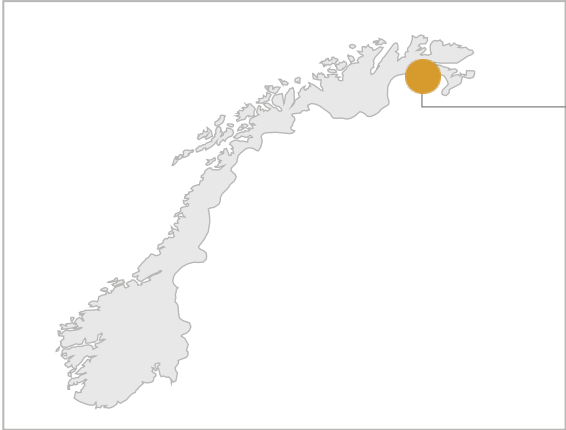


Colm Long
B.Sc.
Senior Geologist (Aurum Discovery)

- Multi-commodity experience in generating and advancing early-stage mineral projects across a wide range of jurisdictions.
- Strong track record of identifying high-potential opportunities and creating early project value.

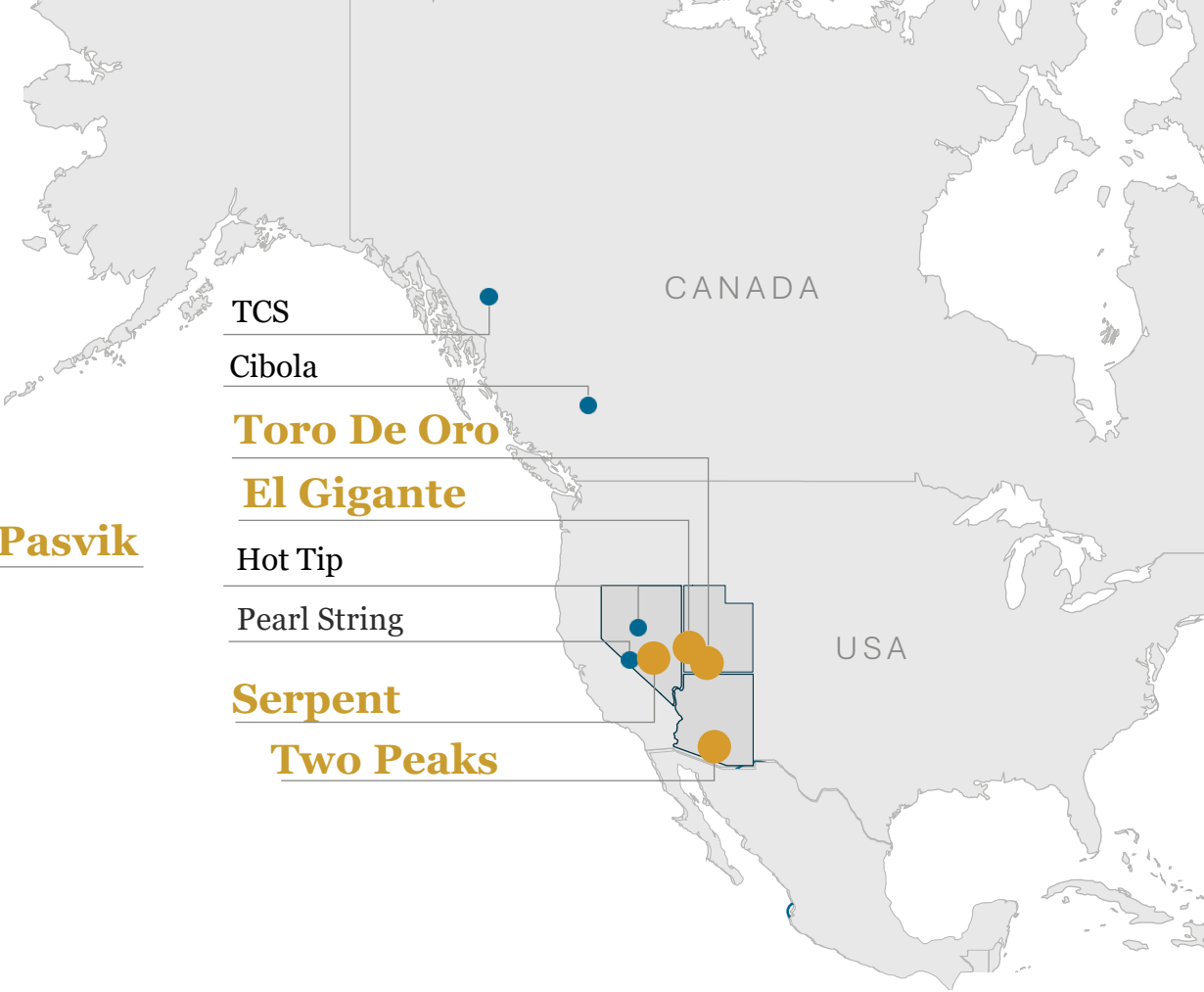
Our Available Projects

- Highlighted Projects PG Day 2026
- Other Available Projects



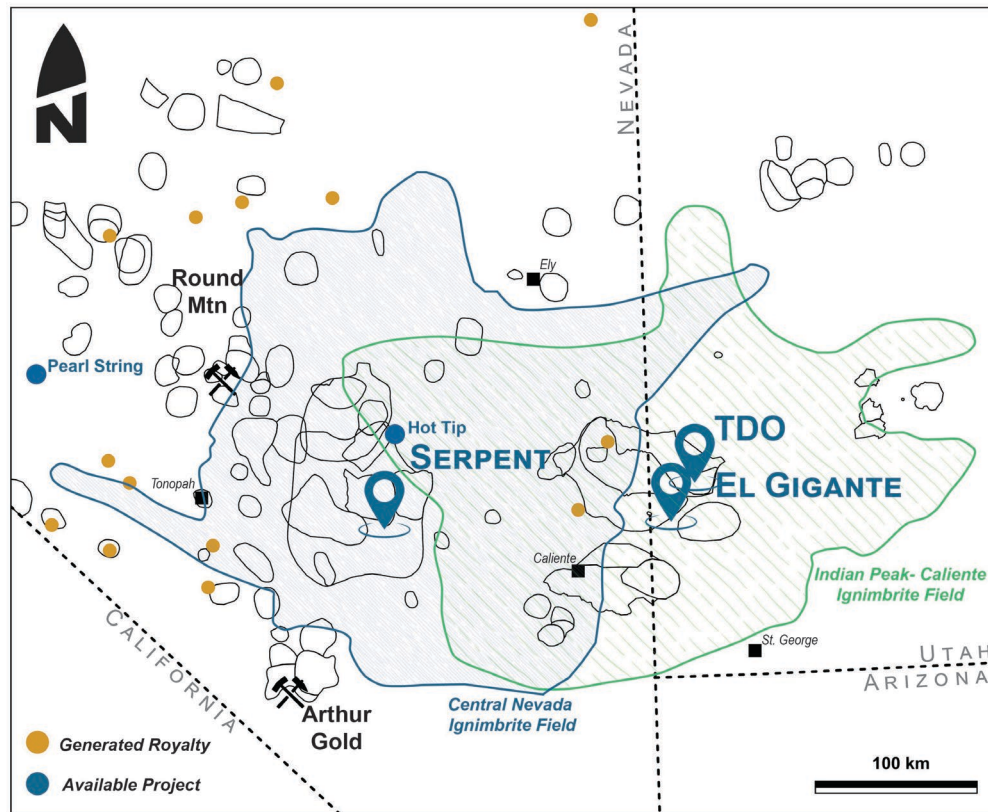
Pasvik

NORWAY



Utah and Nevada Epithermal Portfolio

- Underexplored epithermal opportunities in Oligo-Miocene caldera complexes of Nevada and Utah
- Nested caldera complexes play a first order role on the generation of world class epithermal systems with the scale of Arthur and Round Mountain
- Multiple, large alteration cells identified in airborne hyperspectral data including Serpent and Toro de Oro (TDO)
- El Gigante discovered the old-fashioned way!



Caldera and ignimbrite fields of the Great Basin adapted from Best et al 2016

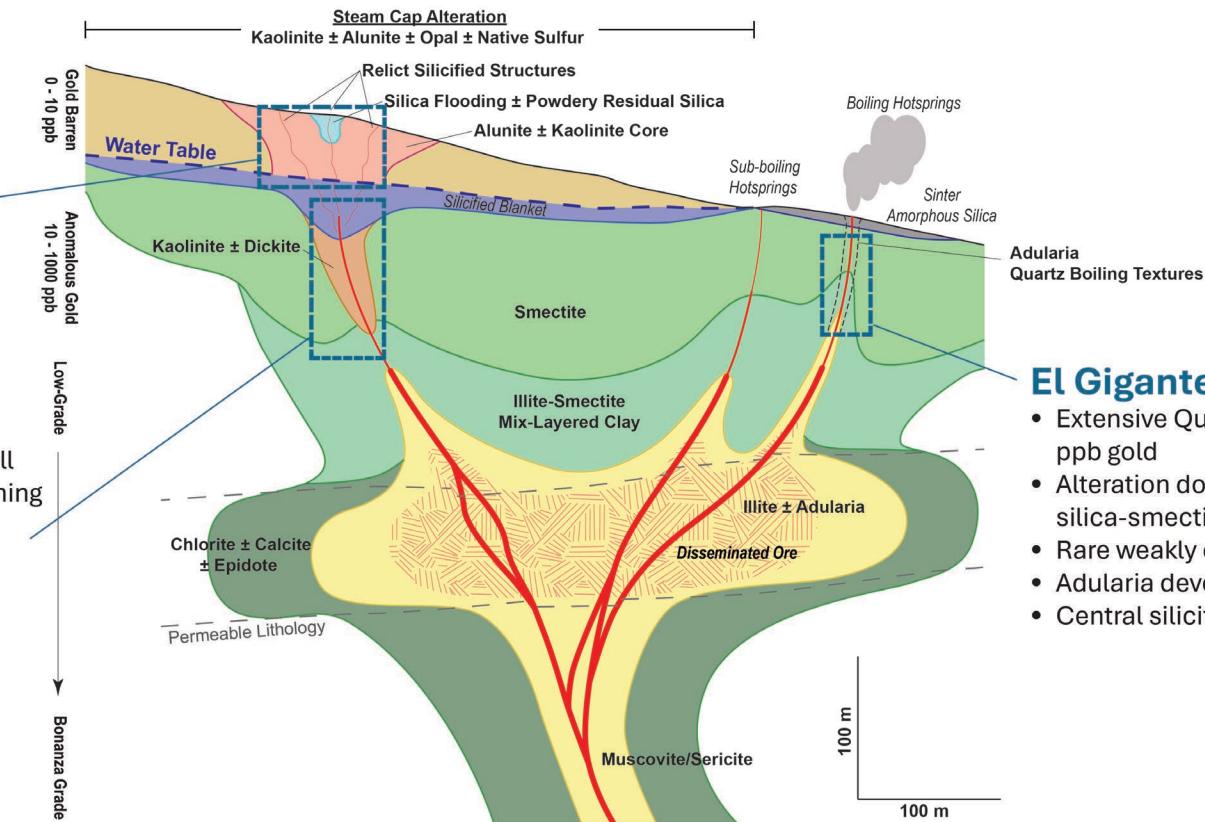
Utah and Nevada Epithermal Portfolio

Toro de Oro

- Extensive alunite, kaolinite, and opaline silica
- Structurally controlled alteration
- Anomalous mercury
- Peripheral chalcedony veins

Serpent

- Kaolinite dominated alteration cell
- Structurally controlled quartz veining
- Anomalous gold
- High-level expression of boiling
- Alteration transition along strike



El Gigante

- Extensive Quartz veins up to 100 ppb gold
- Alteration dominated by silica-smectite
- Rare weakly crystalline illite
- Adularia development
- Central silicified zone

Simplified deposit model for low-sulphidation epithermal systems adapted from Buchanan (1981)

Toro de Oro

Multi-kilometre steam heated alteration cell focused on extensive zone of alunite

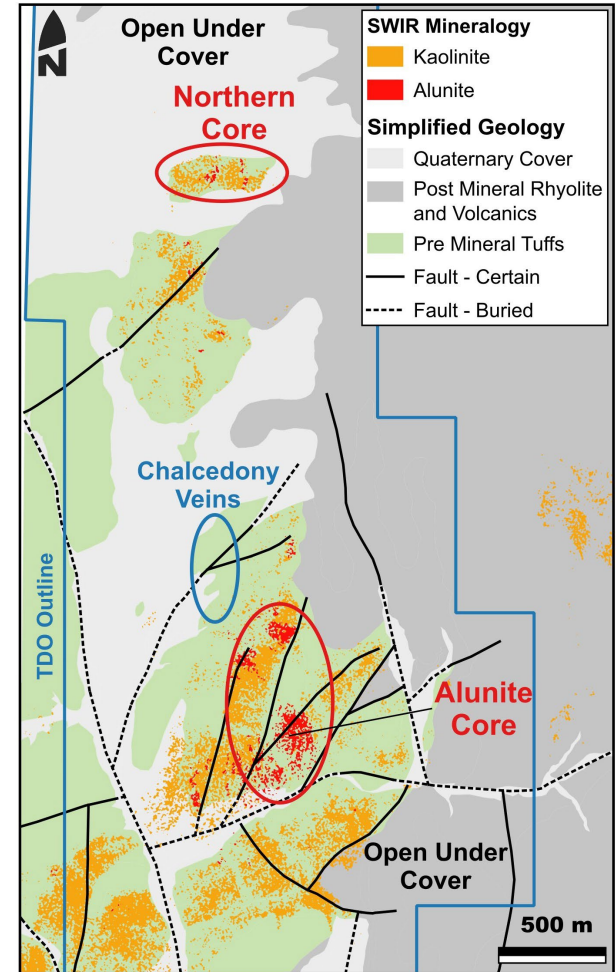


Toro de Oro Overview

- Multi-kilometre, 2 by 1.5 square-kilometre core, open ended, steam-cap style alteration cell indicative of high-level epithermal deposits
- Alteration footprint open-ended under colluvium and post mineral rhyolites
- Well defined structural controls on alteration
- Pathfinder geochemistry represent potential feeder structures
- Highly prospective regional setting on the margins of multiple calderas



L. Structurally controlled kaolinite and alunite alteration
R. Overview of the geology and alteration at TDO

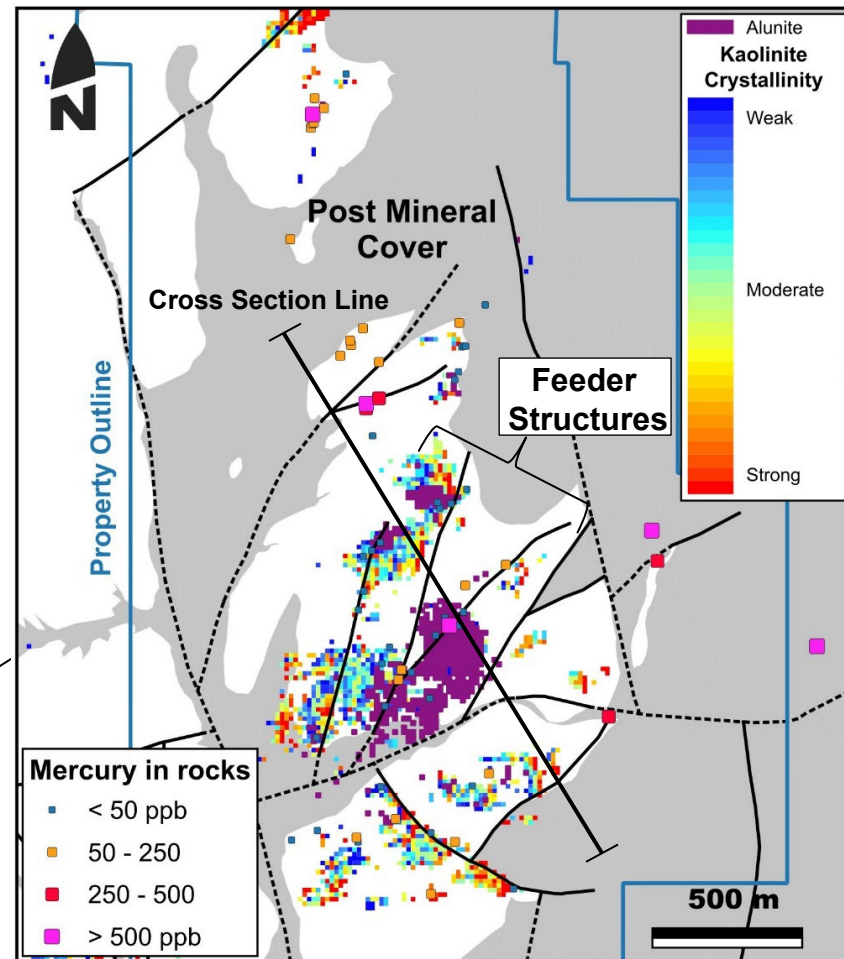


Toro de Oro Alteration

- Anomalous mercury from identified structural zones, up to 3 ppm
- Alunite zones and kaolinite crystallinity map feeder structures
- Abundant chalcedony veins define peripheries of alteration cell

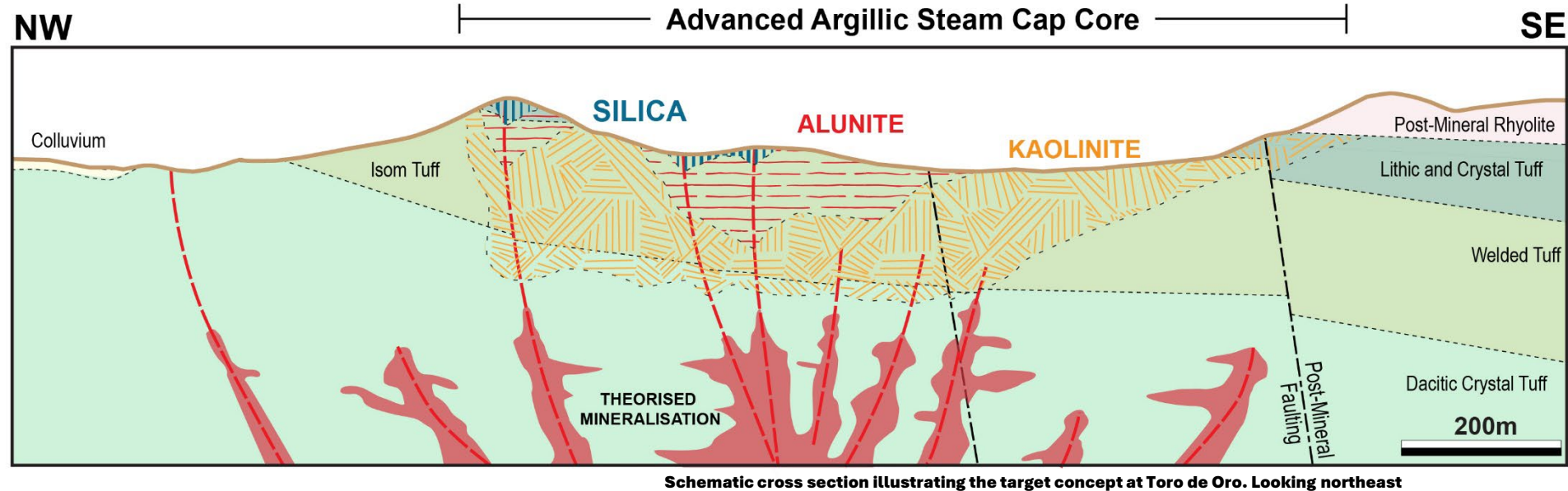


L :Abundant chalcedony veins
R. Mercury in rocks from TDO



Toro de Oro Summary

- Well defined structural controls interpreted to represent feeders to the hydrothermal system
- Observations consistent with the high-level expression of a steam cap centered above a prospective low-sulphidation epithermal system



Schematic cross section illustrating the target concept at Toro de Oro. Looking northeast

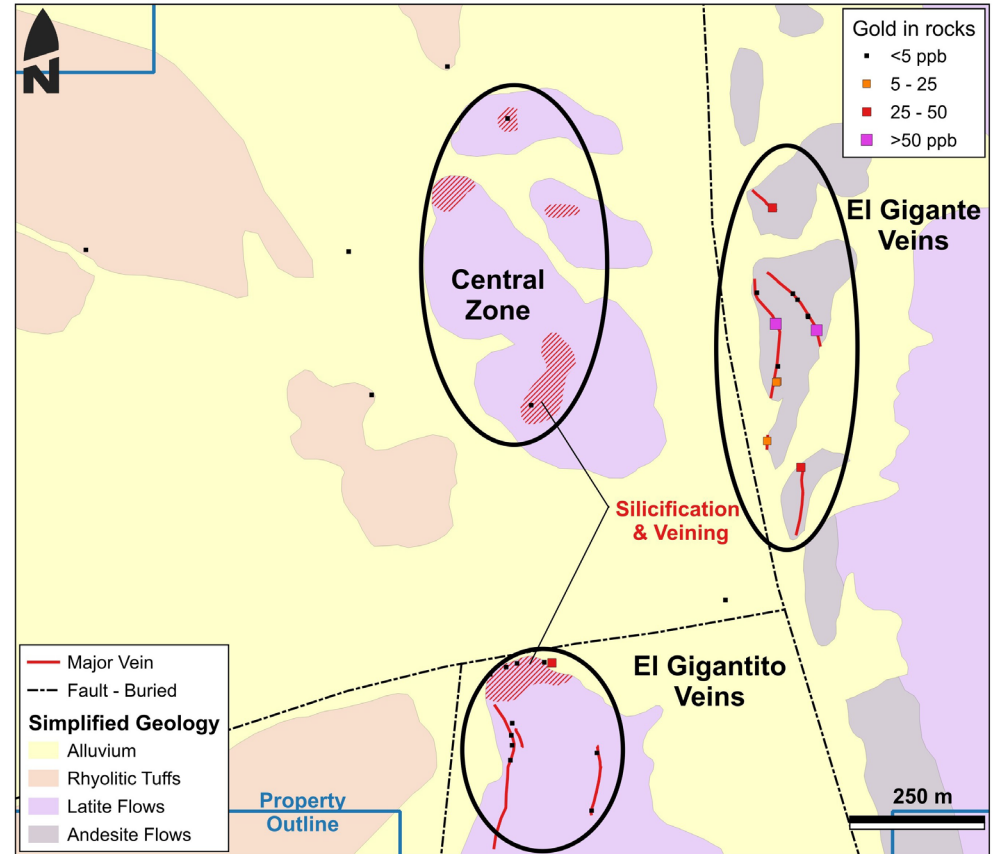
El Gigante

Swarm of undrilled, high-level, gold bearing low-sulphidation epithermal veins



El Gigante Geology

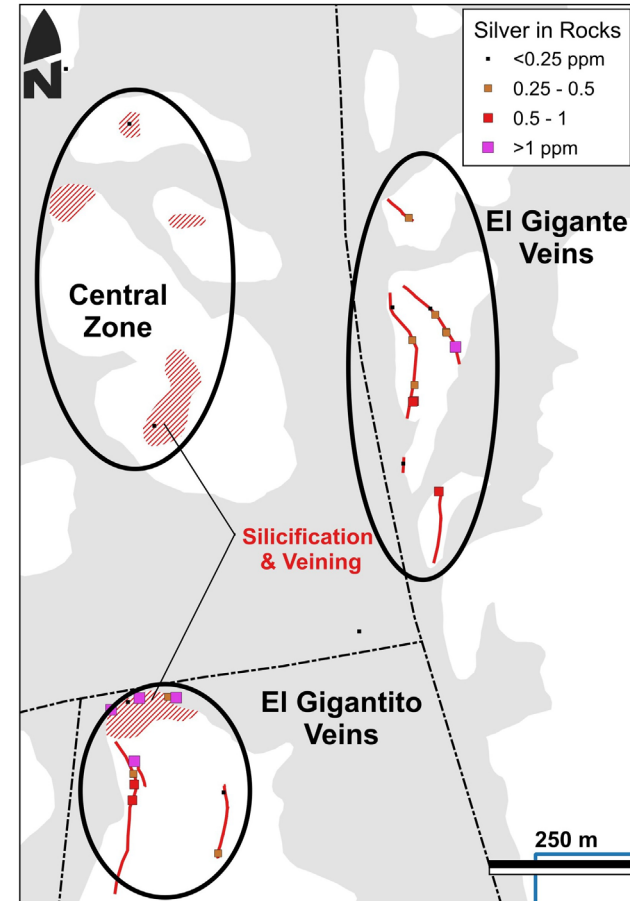
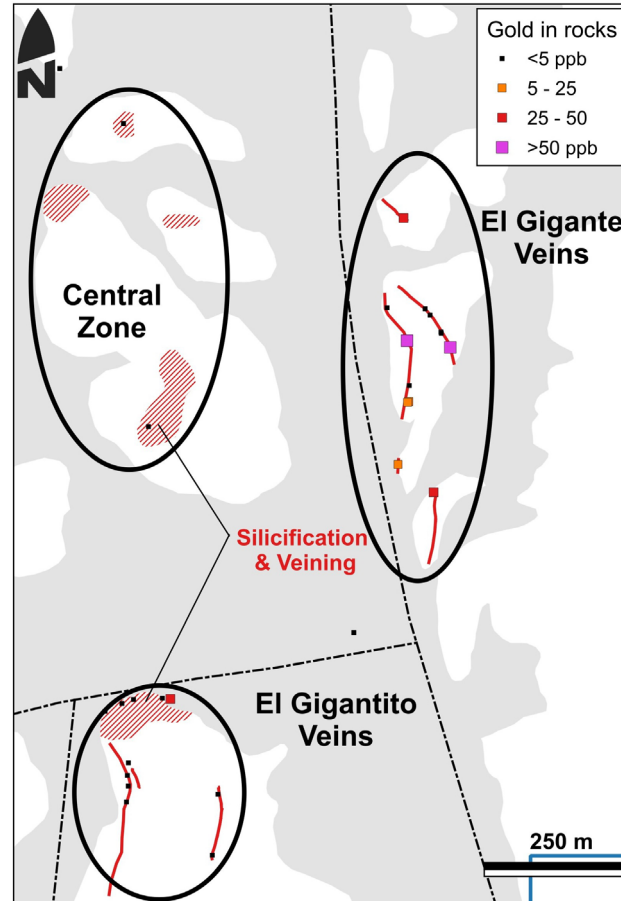
- Focused on two zones of low-sulphidation epithermal veins exposed on surface and a diffuse central zone of silicification and veining
- El Gigante and El Gigantito zones feature multiple-metre-wide, 300-500 metres long veins within zones of sheeted quartz veining up to 35- metres wide
- Veins hosted in Oligocene aged, intermediate volcanic flows and tuffs with extensive alluvial cover



Simplified Geology, vein location and gold in rocks from the El Gigante property

El Gigante Geochemistry

- Initial sampling from vein exposures yield anomalous precious metal values including up to 101 ppb gold and 2.12 ppm silver
- Additional assay results from 29 samples of the El Gigante and El Gigantito veins pending



L: Gold in rocks from El Gigante
R: Silver in rocks from El Gigante

El Gigante Vein Mineralogy

- Veins display saccharoidal quartz textures and wall rock alteration is smectite-silica dominant
- Observed boiling textures are overprinted and flooded with a later silica event, evidence for multiple hydrothermal stages
- Alteration mineralogy and quartz textures indicate only the shallow levels of a low-sulphidation system
- Potential for preserved mineralisation at depth



Overprinted, quartz after platy calcite, El Gigantito



**Quartz after platy calcite and vein breccia,
El Gigante**



**Crustiform and colloform quartz vein,
Central Zone**

El Gigante Analog

- El Gigante shares strong similarities to First Majestic's Ermitaño vein in Sonora, Mexico
- Mostly “barren” quartz veins on surface (initial surface sampling at Ermitaño returned a maximum of 70 ppb gold)
- Upper levels of boiling zone exposed on surface with massive saccharoidal quartz and quartz after platy calcite textures
- Ermitaño mine has produced 414,000 oz gold and 7.1 Moz silver as of 2025



Discovery outcrop from El Gigante (top) and Ermitaño (bottom)

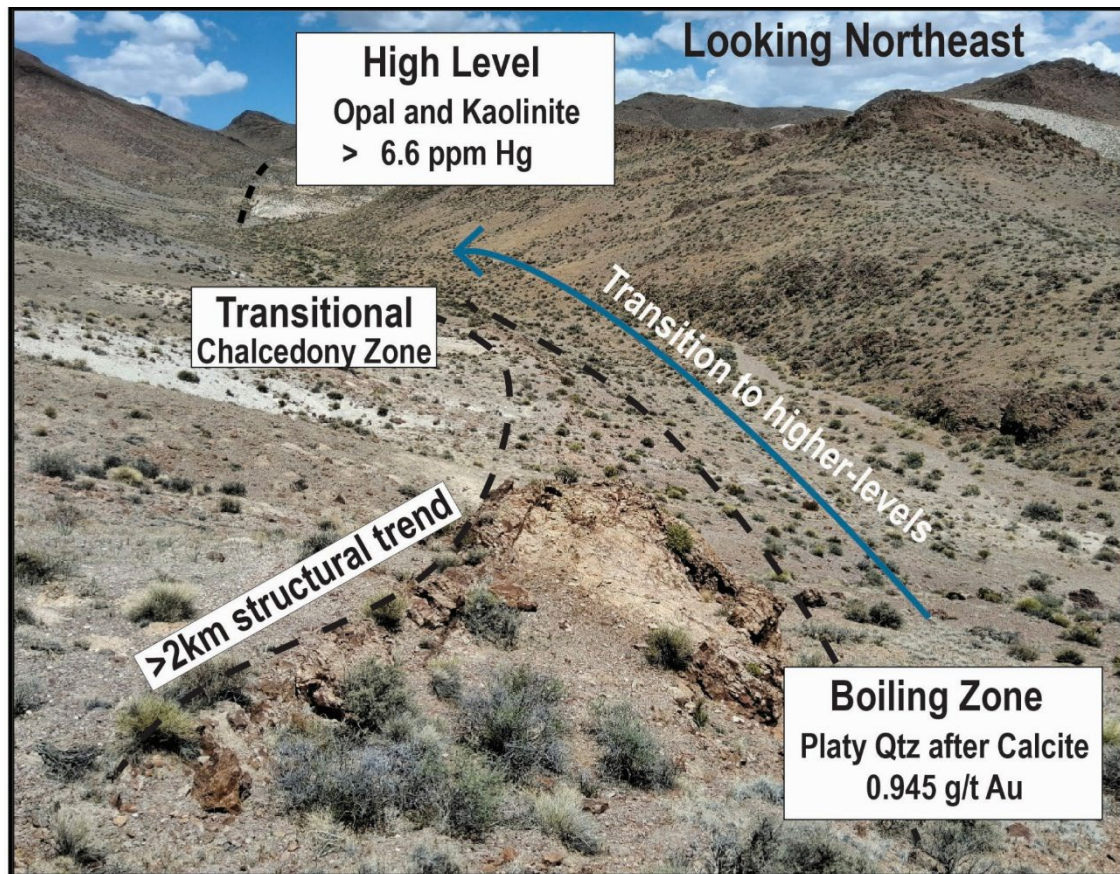
Serpent

Highly anomalous gold in district-scale, structurally controlled epithermal mineralization



Serpent Overview

- Multi-kilometre kaolinite-dominant alteration cell with weak illite
- Preliminary field work identified two kilometre long structural corridor and boiling at intersecting structural trends
- Transitioning northeast along strike from gold-bearing boiling zone to high level mercury rich “Silica Pool”



Annotated photo looking northeast up the Cobra structural corridor

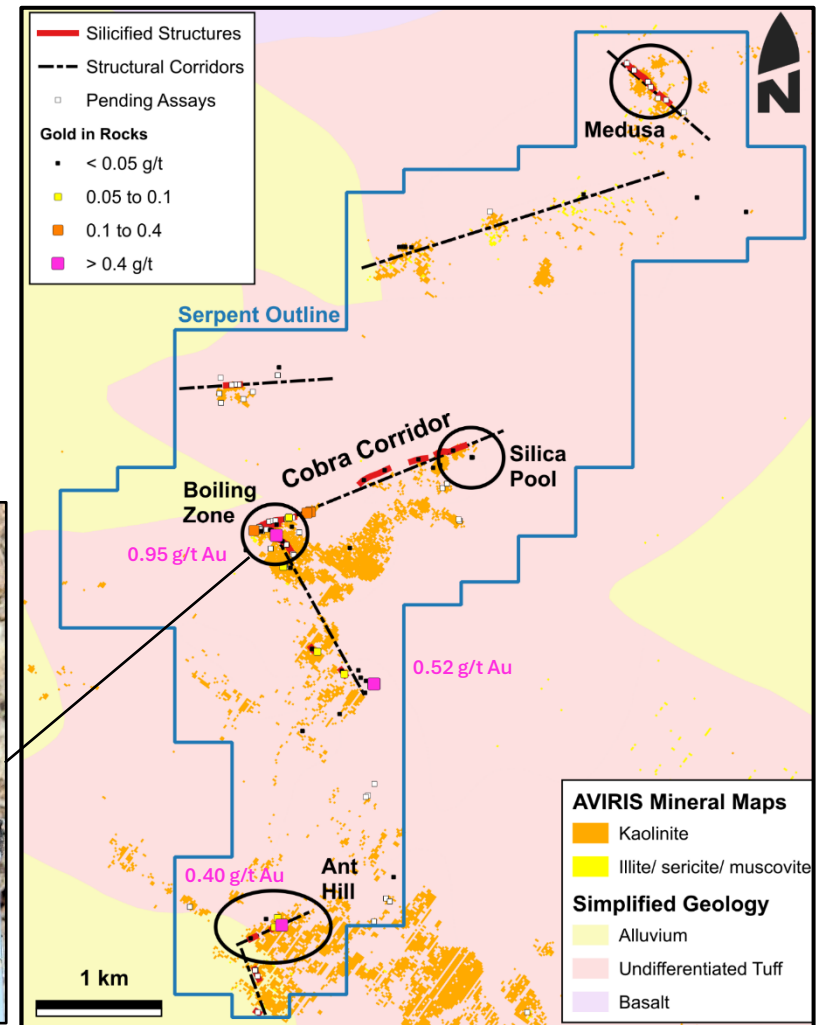
Cobra Corridor

- Up to 0.95 g/t gold from “Boiling Zone” and 0.52 g/t gold along the intersecting NW “daughter” structural trend
- Additional reconnaissance identified multiple intersecting NW and NE structural trends across the property

Quartz after platy calcite in vein



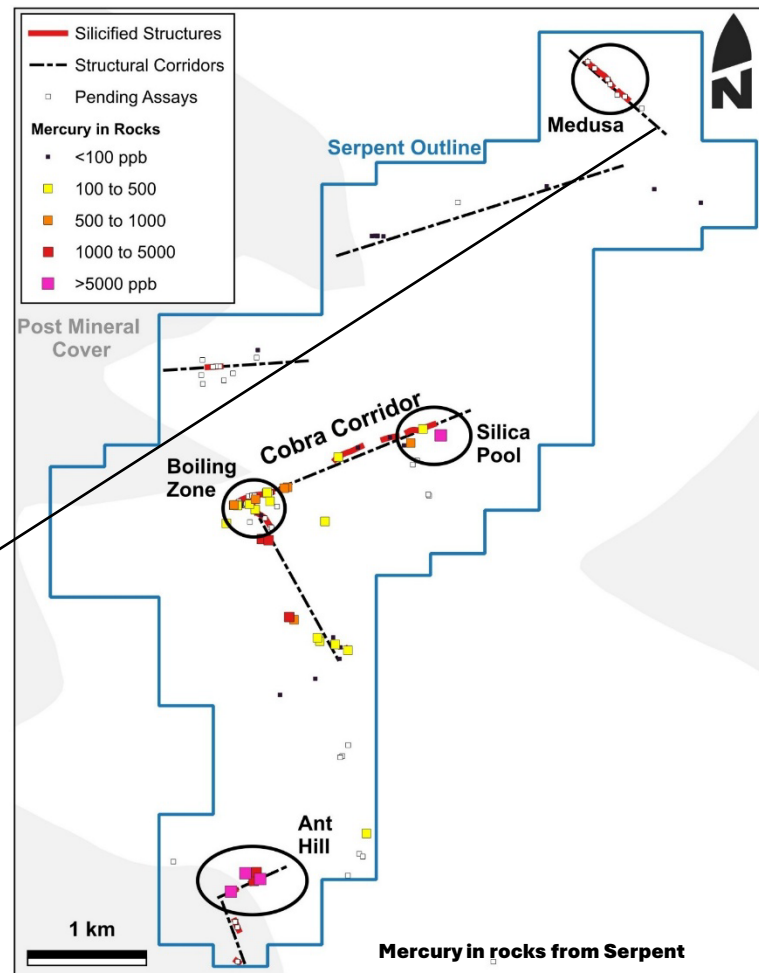
Right: Simplified geology, structures and gold in rocks from Serpent



District Potential

- Ant Hill occurs at structural intersection with rocks returning up to 0.4 g/t gold and 10.2 ppm mercury
- Additional silicified structures identified to the north and south are awaiting assays
- No evidence of drilling on the property

Multi-metre wide silicified structure at Medusa



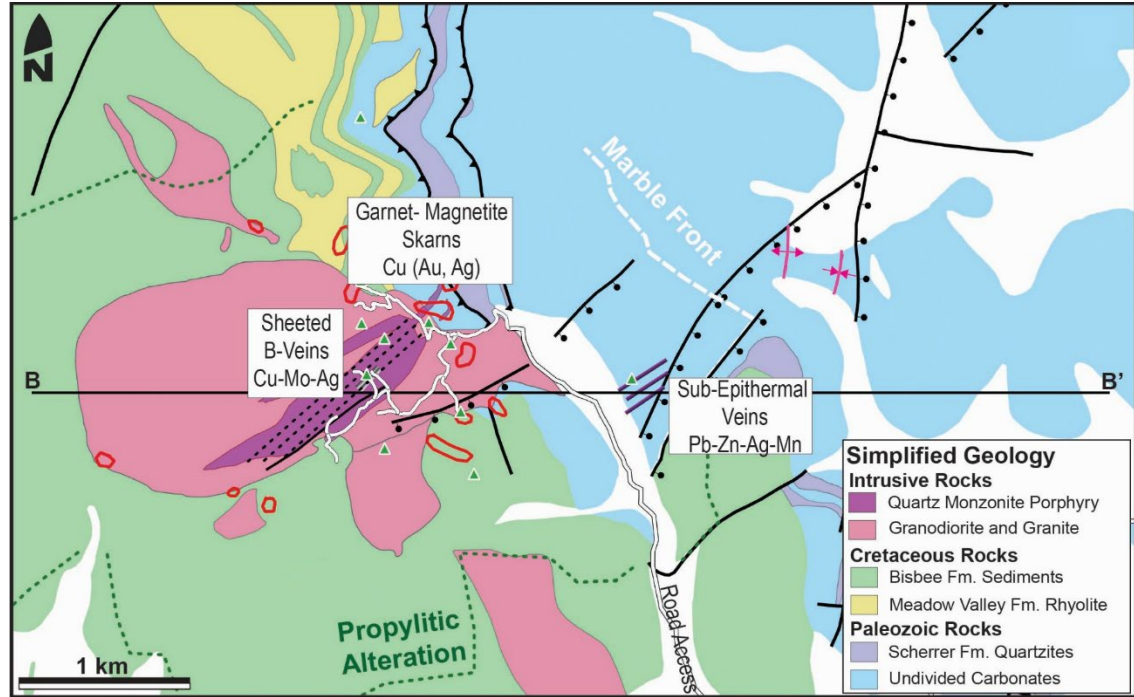
Two Peaks

Hermosa analog, polymetallic skarn and CRD targets in the Laramide belt of Arizona



Two Peaks Geology

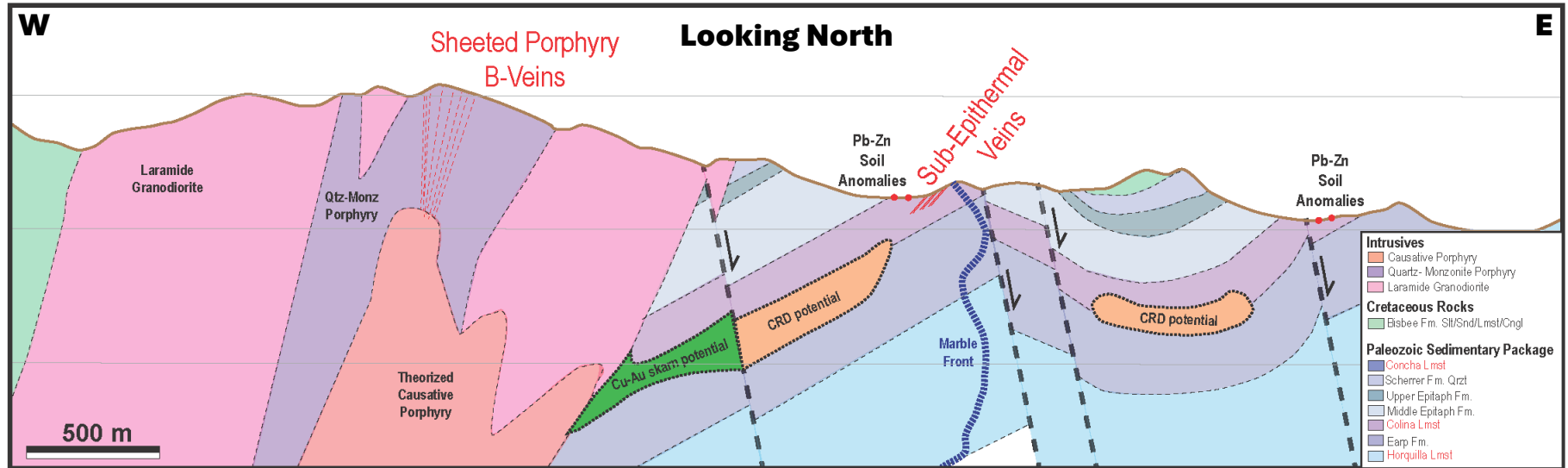
- Centered on small-scale porphyry occurrence and historically mined skarn deposit
- Host rocks include a thick package of Paleozoic carbonates
- Marble front extends over a kilometre east of the central stock
- Structural corridor with local base-metal veins and breccia development



Simplified geology and mineralization styles at Two Peaks

Two Peaks Targets

- Anomalous base metals identified up to two kilometres outboard of the intrusive centre
- Potential indicators of a preserved and concealed CRD and skarn system never tested by modern geophysics or drilling



Schematic cross section displaying the target concept at Two Peaks

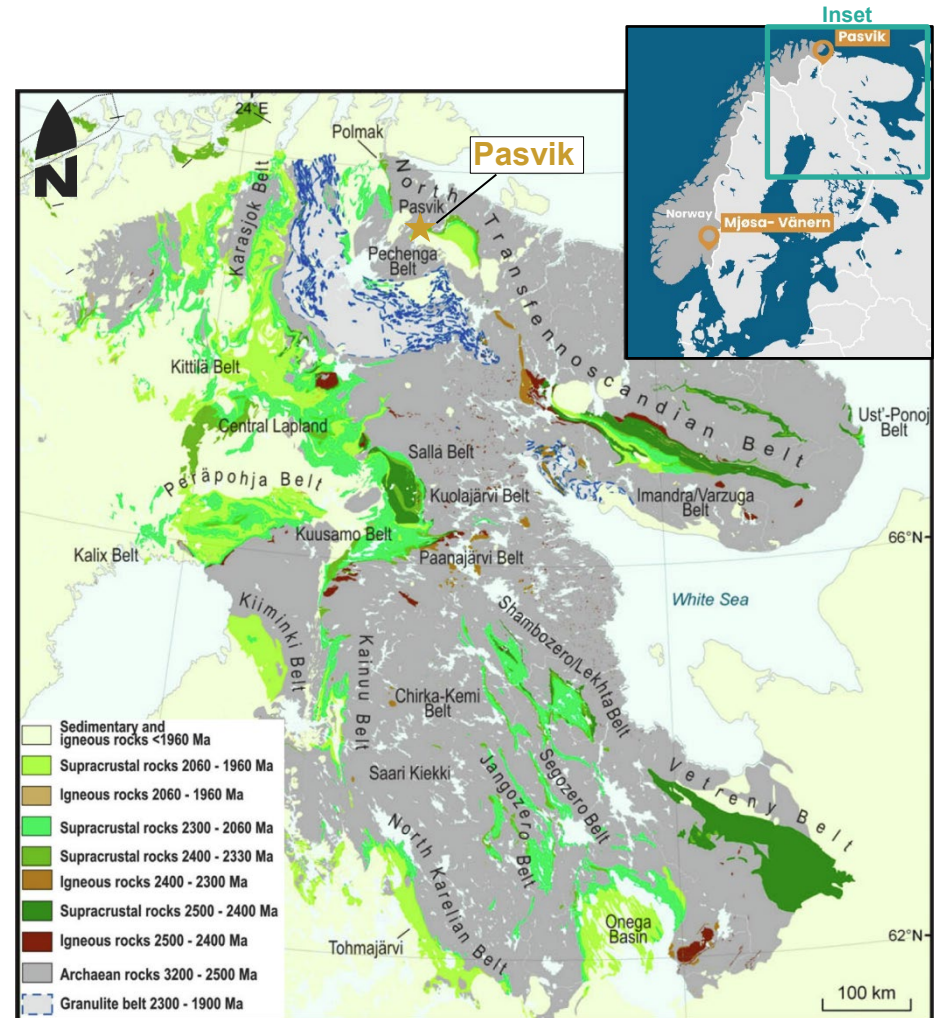
Pasvik

Orogenic gold target in the underexplored greenstone belts of northern Norway



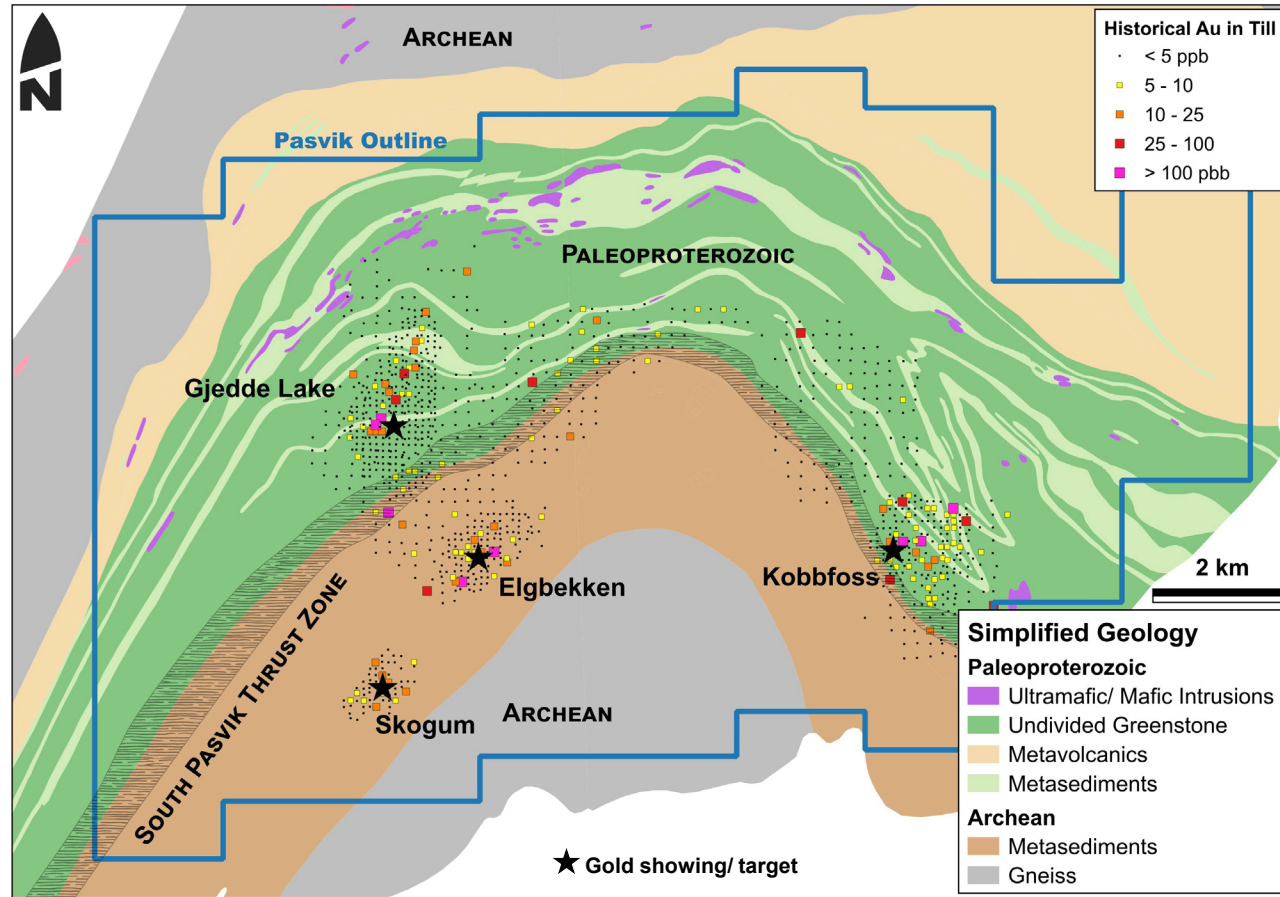
Pasvik Regional Location

- Underexplored Paleoproterozoic Greenstone belt
- Part of the Northern Transfennoscandian belt
- Unconformably overlying Archean basement to the north
- South Pasvik Thrust Zone (SPTZ) to the south
- Recent consolidation of the Central Lapland and Kittilä belt in Northern Finland demonstrate potential of the Fennoscandian shield



Pasvik Geology

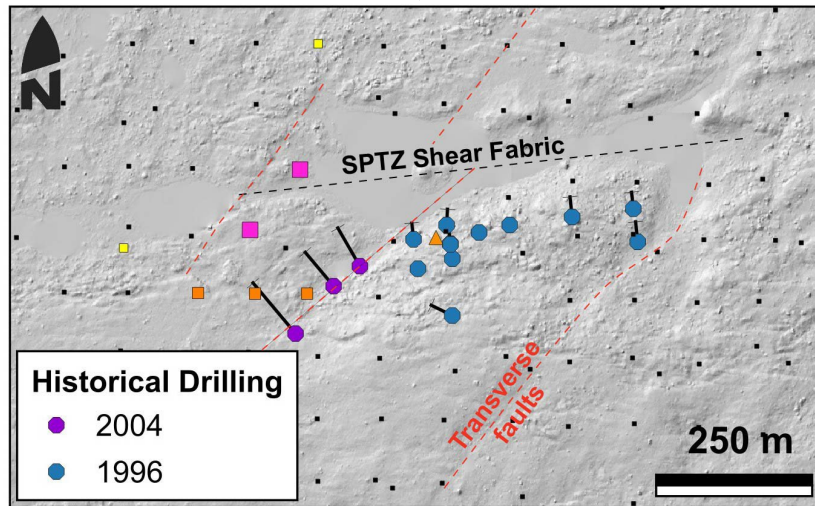
- Project is focussed on twenty kilometres strike of the South Pasvik Thrust Zone and a sequence of greenstones
- Gold first discovered at Gjedde Lake in 1993 during Nickel exploration
- Sporadic exploration defined numerous gold targets mostly based on regional till geochemistry



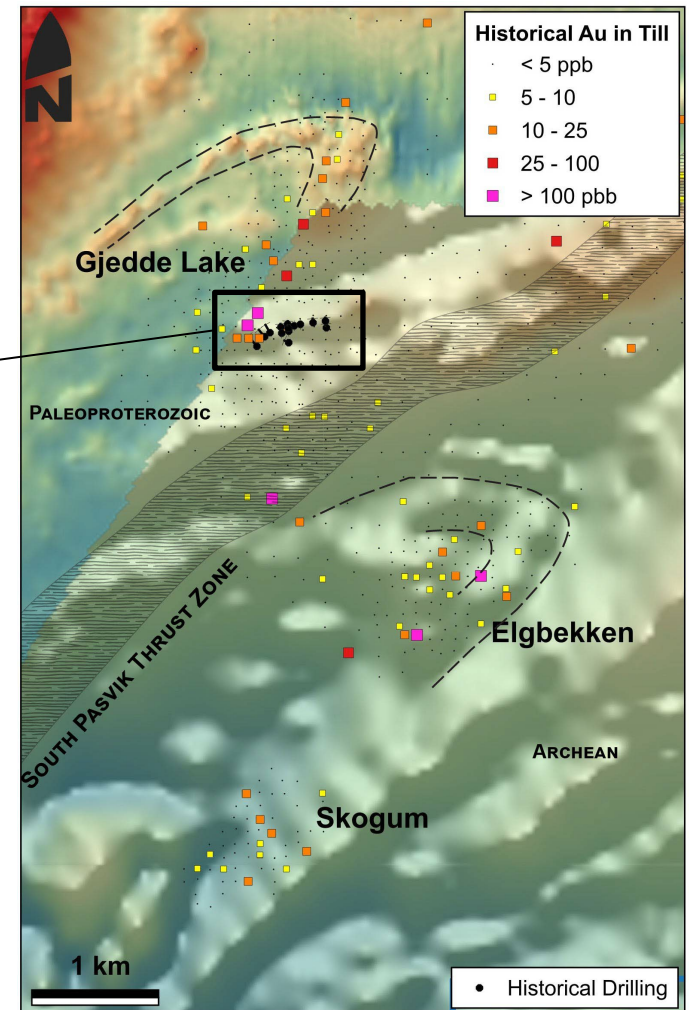
Simplified Geology of the Pasvik Project.

Pasvik Geophysics and Structure

- Gold zones appear to be developed within a series of folds
- Limited historical drilling returned up to 22 metres at 0.82 g/t gold from a transverse fault system
- Significant untested regional targets



Right: RTP TMI magnetics of the Gjedde Lake, Skogum and Elgbekken zones on the Pasvik property. Inset: Historical drilling at Gjedde Lake



Overview and what's next

Five projects reviewed today

- Available for option or sale

Additional partnership opportunities

- Gold, copper and base-metal projects across Canada and the USA

More assets in development

- Additional opportunities coming forward

To learn more please reach out to our technical team at laurence@orogenroyalties.com

Upcoming conferences:

Beaver Creek (Colorado) - Sept 2026

IMARC (Australia) - Oct 2026

SEG (Salt Lake) – Oct 2026

SMI (Switzerland) – Nov 2026

AEMA (Reno) - Dec 2026

Round Up (Vancouver) – Jan 2027

PDAC (Toronto) - March 2027



Questions?