

A new approach to **hydrogen**, with
significant potential in **Atlantic Canada**.



LUMA
HYDROGEN

Clean energy from the ground up



CORPORATE PRESENTATION | **SEPT 2026**

lumahydrogen.com

CONFIDENTIAL

Disclaimer & forward-looking statements

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This presentation contains "forward-looking information" within the meaning of applicable Canadian securities laws. Forward-looking statements include statements regarding the Company's exploration plans, capital expenditures, timing of work programs, intended public listing, and the potential for natural hydrogen accumulations on its mineral claims.

Forward-looking statements rely on assumptions and are subject to risks and uncertainties — including, without limitation, the speculative nature of mineral exploration, the absence of commercial natural-hydrogen production outside of Mali, regulatory and permitting risk, capital availability, dilution, market conditions, the work and results of third-party operators referenced herein, and the accuracy of all third-party information cited.

References to soil-gas readings, drill results, market capitalizations or transactions of other issuers (including QIMC, QMET, First Atlantic Nickel, Gold Hydrogen, HyTerra, Koloma and Primary Hydrogen) are based on public disclosure by those issuers and have not been independently verified by the Company. Such references are not indicative of results that may be achieved on the Company's properties.

Qualified Person Statement:

The scientific and technical information disclosed in this corporate presentation has been prepared and approved by Paul Ténrière, P.Geo., CEO and Director of the Company and considered a Qualified Person under NI 43-101.

Powering a Sustainable Future

New approach to hydrogen, and Nova Scotia is the place for it.

NEW APPROACH

Geologic hydrogen is generated underground, continuously. A new way to source clean hydrogen, and a sector now drawing serious capital.

NEXT DOOR

Adjacent company has reported a significant hydrogen discovery on the same fault structure located within Luma's claims – approx. 600 m to 2 km away.

A TEAM YOU WOULD NOT EXPECT THIS EARLY

A focused local team that have built and listed mining companies before, working alongside a recognized geologic hydrogen scientist and industry expert.

**An early position in an emerging Nova Scotia district,
next to significant hydrogen discoveries, with a team that can execute**

WHY NOW

A district years in the making, *accelerating in 2026*



2023 TO 2024

CAPITAL ARRIVES

Hundreds of millions in private capital move into geologic hydrogen exploration worldwide.

MAR 2026

DISCOVERY NEXT DOOR

QIMC, adjacent explorer on same fault structure as Luma's NS flagship property, reports hydrogen discovery.

APR 2026

RULES IN PLACE

Nova Scotia passes Canada's first law to develop natural hydrogen. Early regulatory clarity.

MAY 2026

STRONGER RESULT

QIMC reports a peak 10.77% hydrogen reading immediately adjoining Luma's claims.

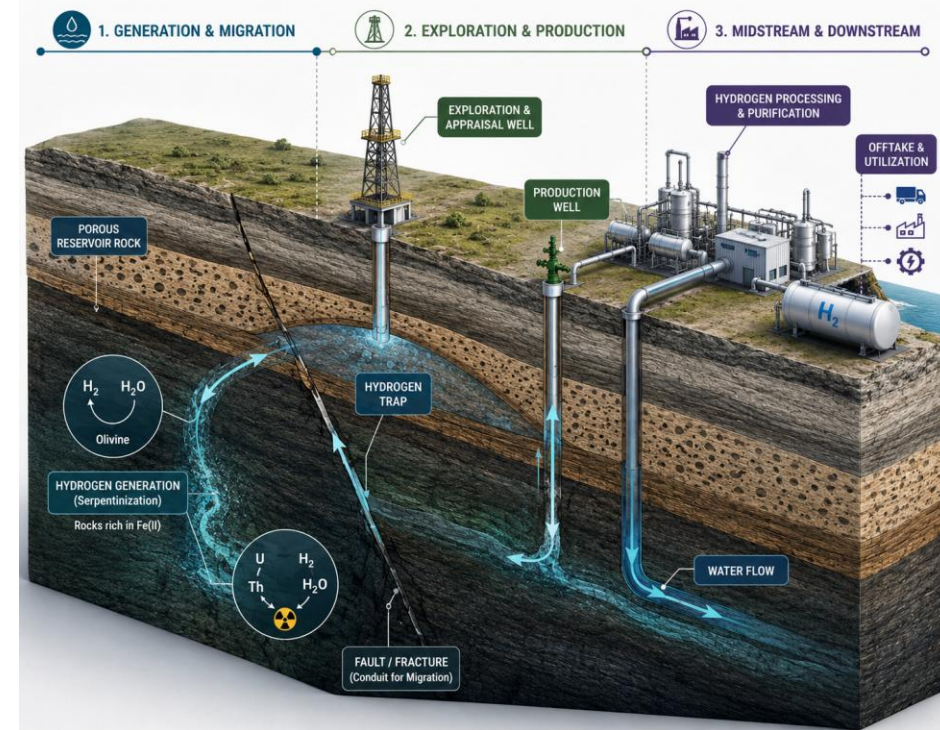
Geologic hydrogen has moved from early science to serious capital. Mali has produced it for years, two listed explorers have reported high-purity hydrogen, and more than US\$500M of strategic capital has gone into the sector in under five years.

THE SCIENCE

A new approach to hydrogen

Naturally generated, potentially low-cost, clean when used.

- ➔ When water reacts with iron-rich rocks deep in the crust, chemical reactions can release natural hydrogen gas. Natural or geologic hydrogen generation is no longer viewed as just a deep-ocean phenomenon, it is increasingly recognized in terrestrial geological systems worldwide.
- ➔ Where fault systems channel hydrogen upward into sealed traps, it can accumulate much like conventional natural gas. Drill the trap, produce the gas. Use it for energy, and the primary emission is water.
- ➔ This type of hydrogen gas is also known as “white” or “natural” hydrogen and is the main focus of Luma’s exploration efforts in Nova Scotia and Newfoundland & Labrador in Canada.
- ➔ Helium (He) is often associated with geologic hydrogen and Luma will be testing for both He and H₂ on its projects in Atlantic Canada.



FOR A COMMODITY, THE LOWEST COST PRODUCER WINS

Where geologic hydrogen could sit on the cost curve:

Grey \$1 - \$2 /kg
from natural gas

Green \$3 - \$8 /kg
splitting water

Natural under \$1 /kg
from the ground

Low cost is why this sector exists. Potentially below grey, far below green, clean when used. Early investors enter at the lowest-priced point on the curve.

THE OPPORTUNITY: THE DISTRICT

Atlantic Canada is a geologic hydrogen “hotspot” in North America and Luma is well-positioned to capitalize on this opportunity with substantial footprint

24.3%

percent H₂

QIMC, an explorer on the same fault structure, reported a peak 24.3% reading next door*.

*QIMC NR, 20 July 2026

~2km

from discovery holes

Luma's flagship sits about 600 m to 2 km from QIMC's H₂ discovery holes, along the same fault corridor.

1st

Canadian framework for natural H₂

Nova Scotia now has Canada's first framework for natural hydrogen, early regulatory clarity in the flagship jurisdiction.

Luma Hydrogen moved early into the district. Raising additional funds to quickly advance projects to explore and drill these H₂ targets

Dynamic team built for both science and corporate success



CAPITAL MARKETS EXPERT ·
COMPANY AND MINE BUILDER

Paul Ténrière, M.Sc., P.Geo.

Chief Executive Officer & Director

Built and listed several junior mining companies in Canada and raised over C\$150M in capital. Former senior listings manager at the TSX and understands public-company disclosure and corporate governance.



TECHNICAL EXCELLENCE ·
CAPITAL MARKETS · DIRECTOR

Barry Greene, B.Sc., P.Geo.

Independent Director

Independent director. Decades in mineral exploration and public-company capital markets.



BASIN MODELING · GLOBAL
GEOLOGIC HYDROGEN EXPERT

Allegra Hosford Scheirer, Ph.D.

Technical Lead and Geologic Hydrogen Expert

Lead geologic hydrogen scientist for Luma. Helped run Stanford's geologic hydrogen research program and spent years at the US Geological Survey. A level of science depth uncommon at this stage.

Board is the CEO and one independent director today, will be expanding the team toward a public listing

Luma's Ground

NOVA SCOTIA
(FLAGSHIP PROJECT)

Cobequid–Chedabucto Fault Zone

30 licences
~274 km² (27,440 ha)

- On the same fault structure as QIMC's discovery, about 600 m to 2 km away.
- Existing seismic data to reprocess.

NEWFOUNDLAND & LABRADOR

Western NL Ophiolite Belt

10 licences · 502 claim units
~126 km² (12,550 ha)

- Iron-rich rock that generates hydrogen, the same belt as another listed explorer.

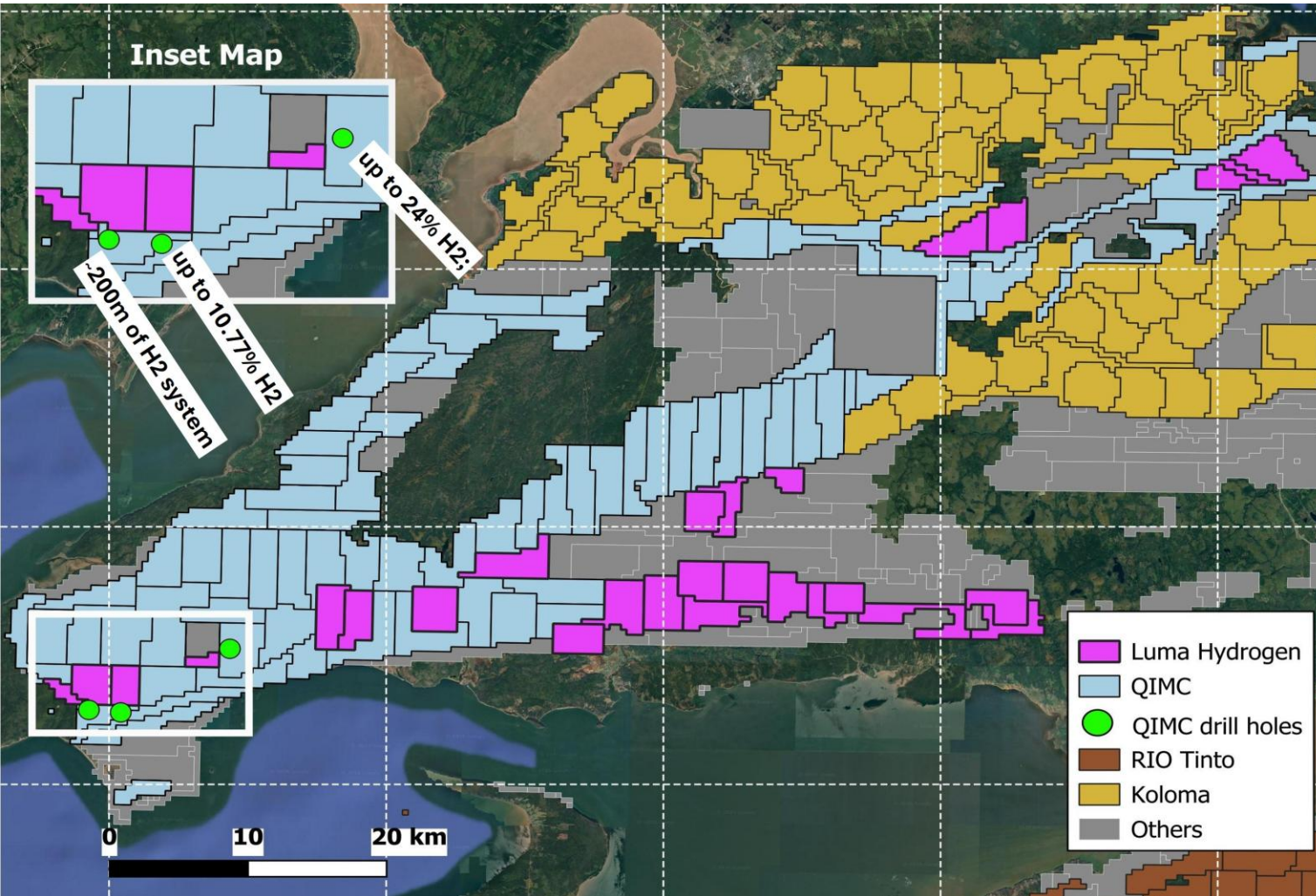
40

Licences

about 400 km² across two provinces, staked early and still growing footprint.

THE FLAGSHIP PROJECT — NOVA SCOTIA

Inside 1 km of QIMC's 10.77% & 16% H₂ discovery hit



KEY PROXIMITIES

<1 km

Luma claims to QIMC's drill hole

10.77% H₂

QIMC DDH-26-03 — 848 m depth, May 2026

24.3% H₂

QIMC DDH-26-04 — 707 m depth, Jul 20, 2026

16% H₂

QIMC DDH-26-04 — in progress

1,840 ppm

QMET's Apple-Shulie corridor anomaly

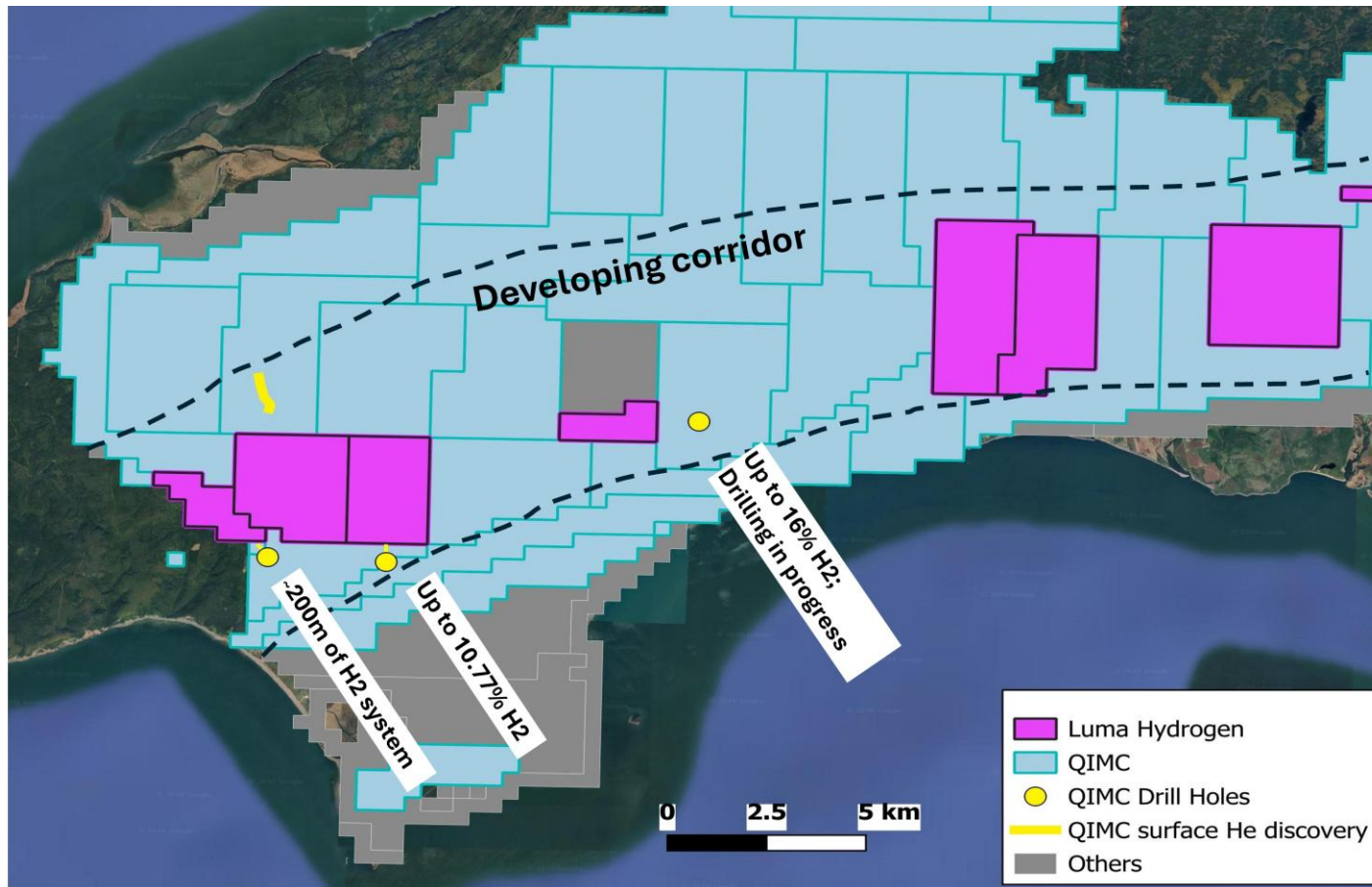
4,850 ppm

Springhill — 2 km continuous H₂ anomaly

Onshore

Existing seismic lines available for reprocessing

Newly defined H₂ and He Corridor



KEY HIGHLIGHTS

Newly defined H₂ target corridor

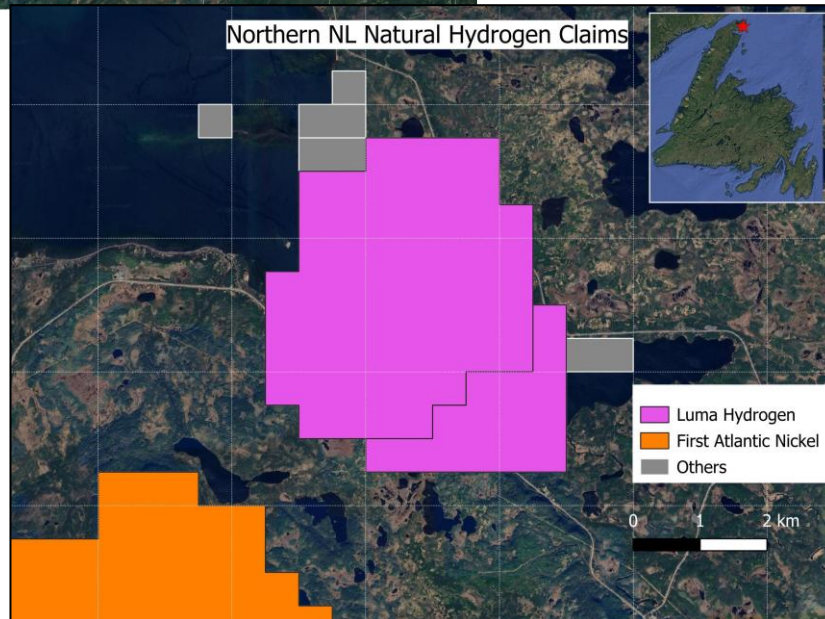
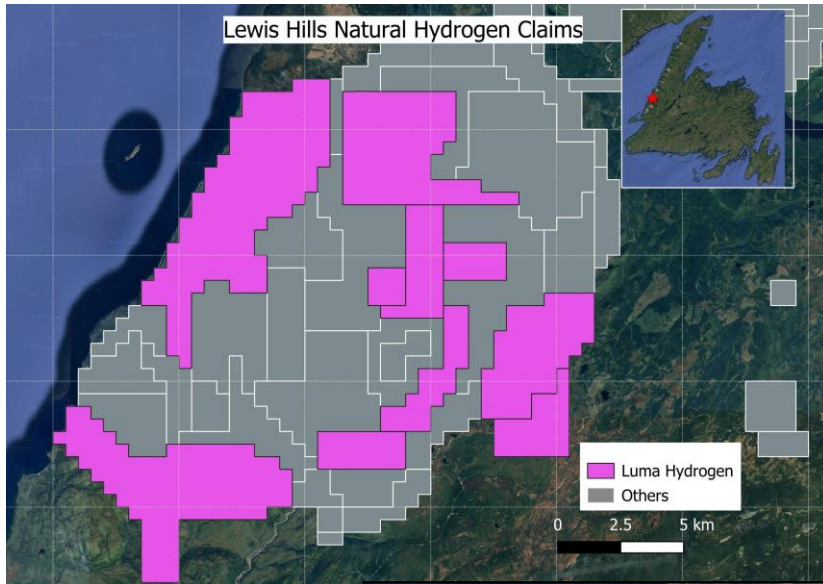
QIMC's drilling and soil gas results highlight a new high-priority corridor that Luma will explore on its claims in summer 2026

Luma has a strong land position

Luma's claims sit directly within this developing hydrogen fairway corridor and along major structures

PROMISING HYDROGEN DISTRICT – NEWFOUNDLAND & LABRADOR

The same ophiolite belt as First Atlantic Nickel with H₂ & CO₂ sink potential



GEOLOGIC HYDROGEN THE BASE CASE

10 licences · 502 claim units across Bay of Islands Ophiolite Complex, same belt as **First Atlantic Nickel's 125 km² Ophiolite-X project**

STIMULATED HYDROGEN THE OPTIONALITY

Stimulated geological hydrogen potential, water injected into ultramafic (peridotite) rocks to accelerate H₂ reaction. **Rock-Hydrogen Project** is piloting this method in Oman's Samail Ophiolite. Luma's NL ground has similar geology.

CARBON MINERALIZATION THE DUAL REVENUE

The brucite-rich serpentinites that produce H₂ are also the **most reactive natural CO₂ sink known**. Positions Luma for potential combined H₂ + CO₂-credit revenue in the future.

VALUATION CONTEXT

How the market values stages in this sector

Company	Ticker	Stage	Market cap
QIMC Inc.	CSE: QIMC	Drilling	C\$103M*
First Atlantic Nickel	TSXV: FAN	Pre-drill	C\$66M*
Gold Hydrogen	ASX: GHY	Flow-tested	A\$140M*
HyTerra	ASX: HYT	Drilled (96.1% H ₂)	A\$80M*
Element One	CSE: EONE	Pre-drill / tech dev	C\$5M*
Luma Hydrogen Corp.	Private	Pre-discovery	n/a

* Market caps are indicative only, per prior disclosure; as-of date 01 June 2026. QIMC's figure predates its recent financing and results. Peer figures are third-party context, attributed, and not a valuation of Luma.

HOW VALUE IS CREATED HERE

More than US\$500M of strategic capital has moved into geologic hydrogen sector in under five years.

- **Pre-discovery peers trade at roughly C\$5M to C\$66M.**
- **Drill-stage peers at C\$100M and up.**

Every drill-stage peer started where Luma is today.

Seed-to-drill-stage re-rating is the central return mechanic in this sector, and it has played out across listed peers shown.

These peers are drilling or further along and are valued accordingly. Luma is pre-discovery and has no results of its own yet. The value is in entering before those H₂ discoveries are made

POLICY

A supportive Canadian backdrop

Federal and Provincial support relevant to natural hydrogen exploration & production in Canada

UP TO
40%

refundable Clean Hydrogen ITC on eligible capital tiered by production carbon intensity

ITC RATE BY CARBON INTENSITY

< 0.75 kg CO ₂ e/kg	40%
0.75 – < 2 kg	25%
2 – < 4 kg	15%
≥ 4 kg	0%

Clean Hydrogen ITC FEDERAL TAX CREDIT

- Refundable; eligible property acquired Mar 28 2023 – Dec 31 2034.
- Rate tiered by validated production CI (<4 kg CO₂e/kg).
- Requires NRCan project plan, FEED & qualified CI validation report.
- Rates halve in 2034, nil after.

Atlantic / Regional ITCs STACKABLE • REGIONAL

- Clean Hydrogen ITC may be combined with the Atlantic Investment Tax Credit on the same property.
- Relevant to Luma's Nova Scotia (Cumberland Basin) footprint.
- Potential incentives in Newfoundland & Labrador in the future

Clean Fuels Fund

NRCan • COST-SHARED FUNDING

- De-risks capital for new / expanded clean-fuel production incl. hydrogen.
- Non-repayable funding for feasibility & FEED studies.
- New call: funding available Apr 2026 – Mar 2031 (R&D, pilot, demo).

Strategy & Adjacent Levers ENABLING FRAMEWORK

- Hydrogen Strategy for Canada – national roadmap & funding alignment.
- Energy Innovation Program; SIF; EDC project debt facilities.
- CCUS ITC for any capture component (not stackable on same property as H₂ ITC).

What next financing round funds

The next seed financing round funds the initial stage of work including **surface geochemistry (soil gas surveys) and geophysics programs, structural analysis and hydrogen prospectivity study, independent NI 43-101 technical report, and drill hole targeting quickly followed by public listing.**

Ultimate strategy – post-listing financing and drilling within 6 months leading to major geologic hydrogen discovery on Luma's ground

**Budgeting
\$500,000
For First Phase**

THE OFFER

As of Sept 1, 2026

COMMON SHARES ISSUED & OUTSTANDING	30,008,000
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STOCK OPTIONS AND WARRANTS	None
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FULLY DILUTED	30,008,000
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MANAGEMENT & DIRECTORS	10%
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FOUNDERS	90%
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ALLOCATION (% OF RAISE)

Phase 1 surface geochemistry (NS + NL)	22%
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Reprocessing of existing onshore seismic	12%
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Independent NI 43-101 technical report	14%
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Phase 2 geophysics (gravity / AMT)	28%
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G&A, listing prep, working capital	18%
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Reserve / contingency	6%
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THE OFFER

Round	Seed private placement, accredited investors
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Target raise	\$500,000
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Instrument	Common shares of Luma Hydrogen Corp.
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Pricing	Set out in the Subscription Agreement (Term Sheet)
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Use of proceeds	6 month program (Phase 1) including listing prep
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Path forward	RTO into a TSXV / CSE shell or IPO, post NI 43-101
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Reporting	Quarterly updates; news releases for results
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STAGE 1 · Q3 TO Q4 2026

Exploration → Drill-Ready

MILESTONE

First phase of exploration, develop drill targets, and NI 43-101 technical report.

Started

STAGE 2 · Q4 2026

Public Listing in Canada

MILESTONE

RTO into TSX-V / CSE shell or IPO.

STAGE 3 · EARLY 2027 →

Drill & Re-rate

MILESTONE

Additional financing and maiden drilling programs.



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HYDROGEN

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Appendix

CRITICAL MINERALS POTENTIAL OF LUMA'S NOVA SCOTIA AND NEWFOUNDLAND PROJECTS Copper, Cobalt, Nickel, and Chromite

Critical Minerals Potential

Luma has strategically acquired projects with dual potential

Nova Scotia

Luma controls 12 large, undrilled copper targets.

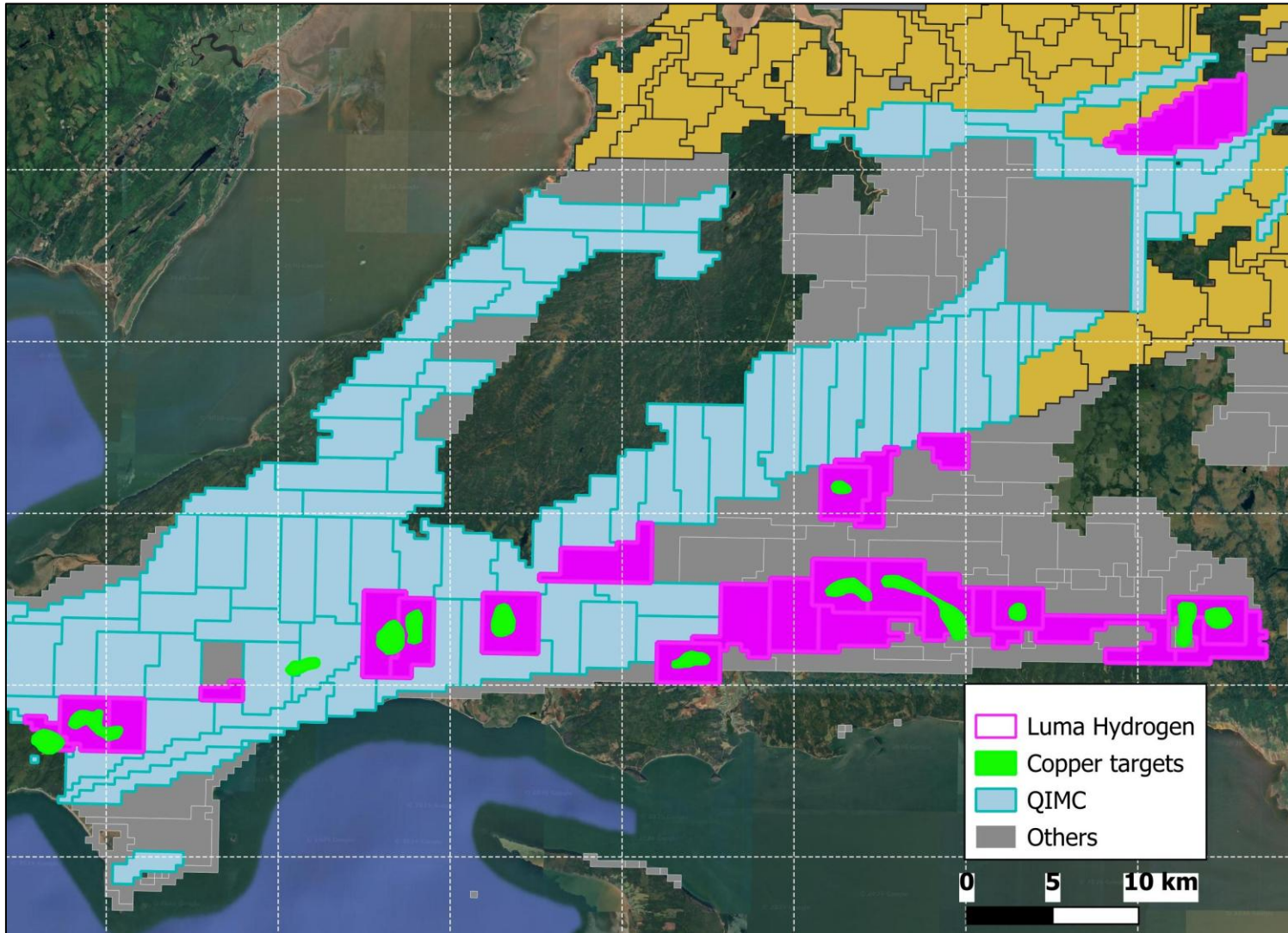


Newfoundland

Luma controls 4 large, undrilled copper, nickel & chromite targets.



Copper targets



HIGHLIGHTS

12 undrilled copper targets

One of the first to acquire claims through the belt, selecting untested copper targets defined by the large geophysical anomalies

Targets discovered by Minatour Exploration.

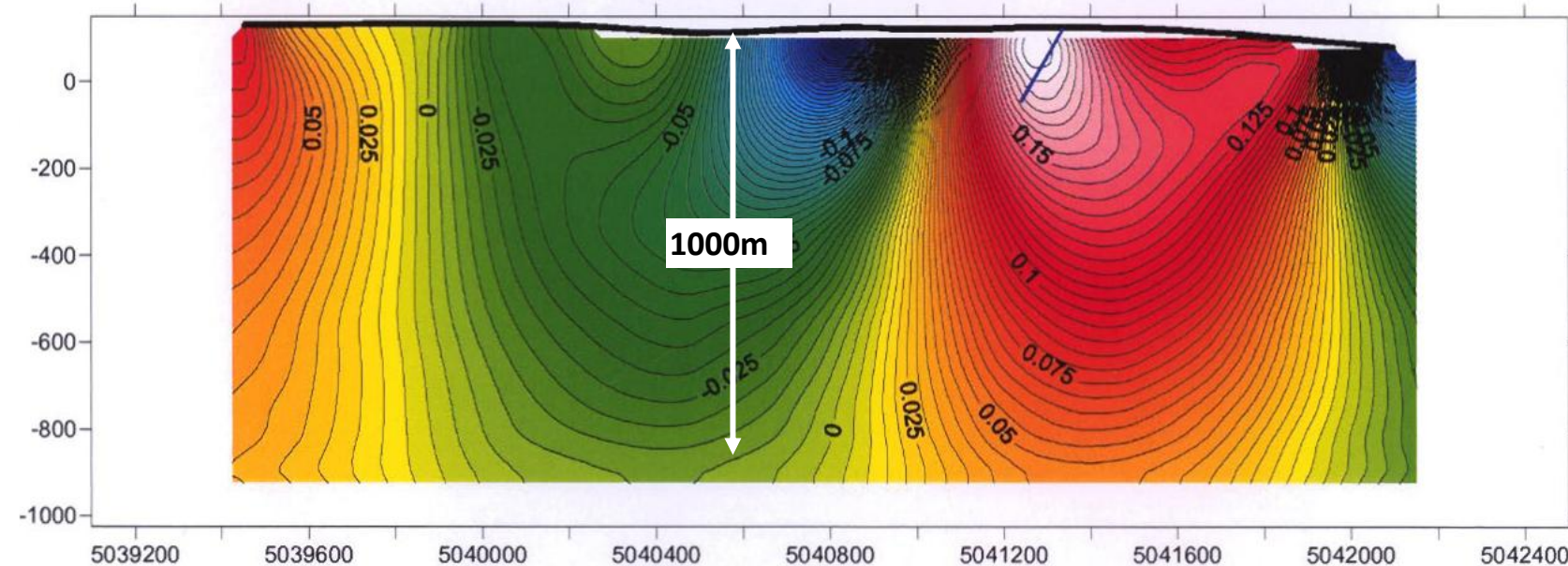
Minatour, which discovered the large Prominent Hill in Australia, identified this belt in Nova Scotia with similar potential.

Belt is known for copper and cobalt mineralization

Undrilled target and proposed hole

Line 402675E

Collar at 402675E, 5041340N -60 towards 180. EOH: 200m



HIGHLIGHTS

Cross-section through one target

Section shows the large gravity anomaly and a Minatour drill hole that was never completed.

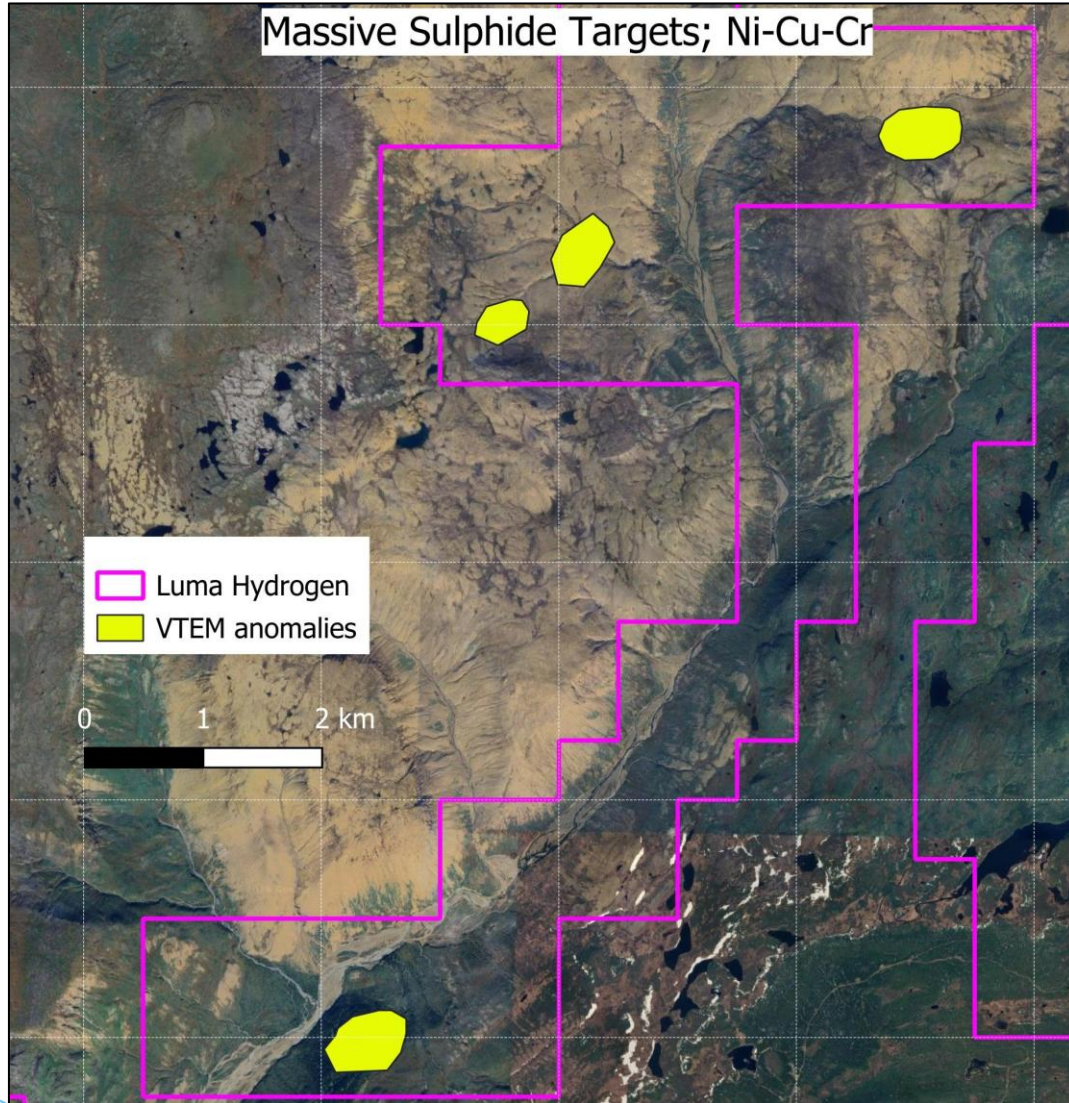
Anomaly is up to 1000m thick.

All targets have the critical geological components for the copper system

Luma's targets are large

Targets commonly 2 km long and up to 1 km thick.

Copper, Nickel, Chromite targets



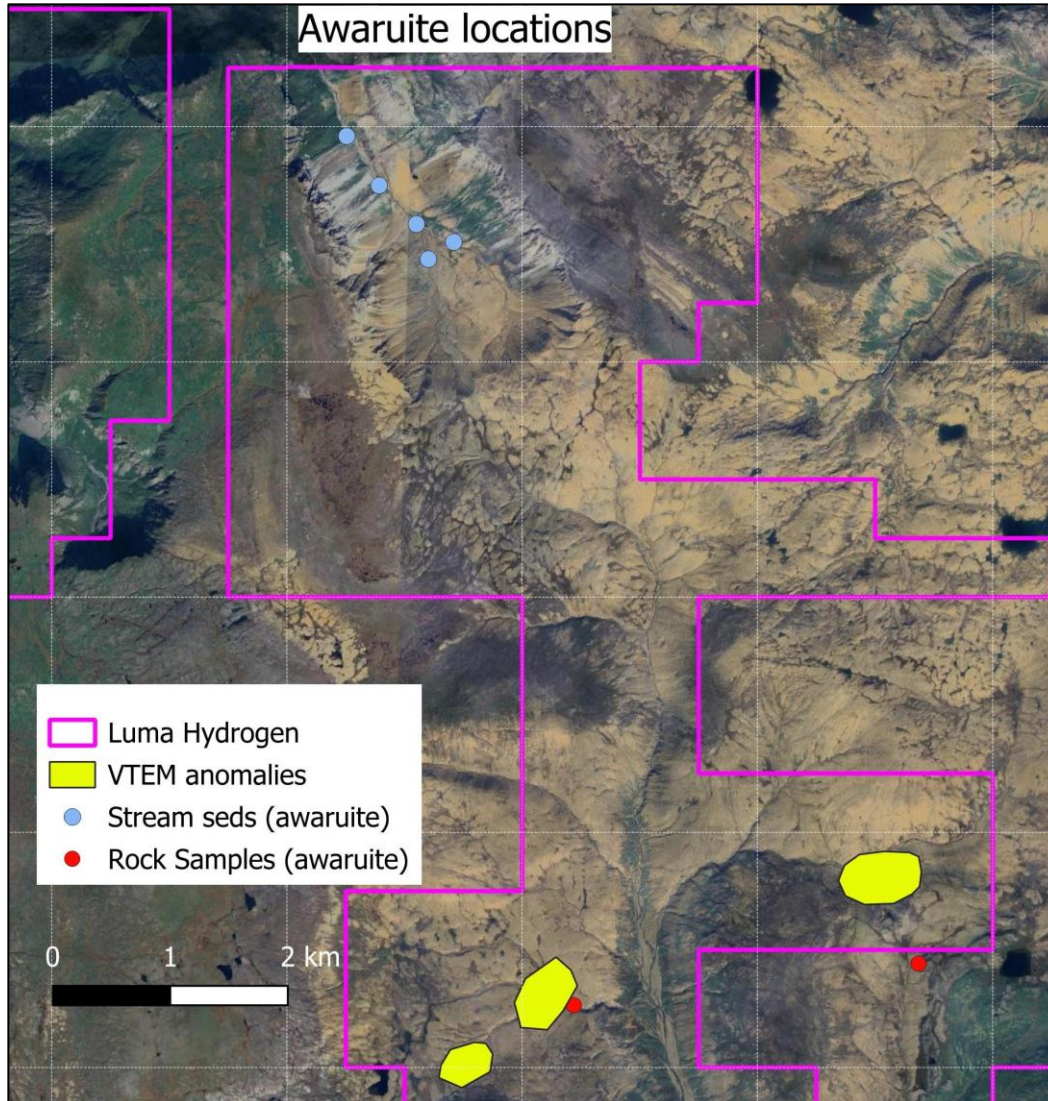
HIGHLIGHTS

Four large untested massive sulphide targets

Area is host to numerous known surface Ni, Cu & Cr mineralization

Two of the four targets have been ground truthed. Ni mineralization discovered at surface, above the untested anomalies.

Awaruite potential



HIGHLIGHTS

Awaruite documented

Awaruite was discovered within the claim in historical exploration programs.

Awaruite is a naturally occurring alloy of nickel and iron with a composition from Ni_2Fe to Ni_3Fe .

First Atlantic Nickel has made a large awaruite discovery in Newfoundland by following up on the same historic work that discovered awaruite within Luma's claims.