

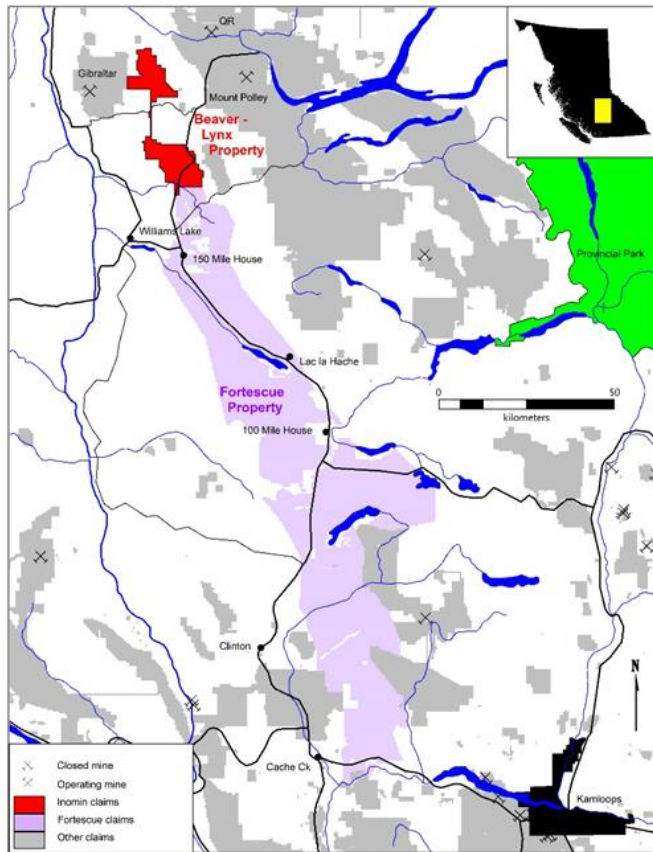
NEWS RELEASE

Inomin Applies for Hydrogen Rights Expanding Beaver-Lynx Project Potential

Natural Occurring Hydrogen Considered the Gold Standard Offering the Most Cost-effective and Environmentally Friendly Form of H₂

White Hydrogen Expected to Increasingly Disrupt Blue and Green Projects

Vancouver, British Columbia, September 10, 2024 – Inomin Mines Inc. (TSX.V: [MINE](#)) (“Inomin” or the “Company”) reports it has applied for hydrogen (H₂) rights at the Company’s Beaver-Lynx critical minerals project in south-central, British Columbia. The hydrogen application covers high priority targets based on recent drilling and geophysical modeling. Fortescue Ltd. (ASX: [FMG](#)) has recently staked a vast area of mineral claims adjacent and along strike to Beaver-Lynx. In total, **Fortescue has staked approximately 3,576 square kilometres of mineral claims** over a strike length of 170 km, one of the largest acquisitions of mineral claims in British Columbia by an Australian company.



Location of Inomin’s Beaver-Lynx project in British Columbia, Canada.

Beaver-Lynx Mineralization and Exploration

Inomin’s Beaver-Lynx property is situated in the Cache Creek Terrane, formed as a subduction zone during the Triassic-Jurassic’s Pangea breakup. Magnesium and nickel mineralization encountered at Beaver-Lynx is hosted in serpentinized ultramafic rocks, a **natural geologic setting for naturally occurring hydrogen, also known as “geologic” or “white” hydrogen**. Additionally, the property is in a region of significant hydrothermal activity, situated between two major mineral deposits – Gibraltar and Mount Polley copper porphyry mines.

Exploration drilling at Beaver-Lynx has shown the property hosts large volumes of magnesium and nickel mineralization. During Inomin’s 2023 exploration program at the Beaver South zone, drilling intersected a 10-metre-wide cavity that could signify a natural trap for hydrogen production.

The Company has designed a drilling plan for the Beaver South zone targeting an **initial resource of 100 – 150 million tonnes** at an anticipated grade of 23% magnesium and 0.18% nickel. The objective of next drilling at Beaver South is to work towards defining a maiden mineral resource, as well as test for hydrogen potential. The South Zone is one of multiple zones identified at Beaver-Lynx hosting significant magnesium and nickel mineralization.

Inomin is interested in working with a partner to further advance Beaver-Lynx's large mineral system and evaluate the project's potential for natural hydrogen.

John Gomez, President of Inomin comments, "Our most recent drilling program and followup work at Beaver-Lynx has given us indications of the property's hydrogen potential. In addition to our main intention of discovering and delineating large resources of magnesium and nickel, we look forward to testing Beaver-Lynx for hydrogen given the property's natural geologic setting for the gas. White hydrogen offers the potential for a large, low-carbon, clean energy solution to create a more sustainable environment."

Natural Hydrogen Sources, Production, and Cost Advantage

White hydrogen is a naturally-occurring gas found in a wide range of regions worldwide, situated at or near convergent plate boundaries. The most common way hydrogen is created naturally is through the serpentinization process, where water reacts with ultramafic rocks converting iron-rich olivines into magnetite and quartz and releasing hydrogen gas as a by-product ($3\text{Fe}_2\text{SiO}_4 + 2\text{H}_2\text{O} \rightarrow 2\text{Fe}_3\text{O}_4 + 3\text{SiO}_2 + 2\text{H}_2$). Compared to other types of hydrogen (categorized by colors), white hydrogen is extracted directly from underground sources where it forms naturally. The hydrogen only needs to be purified before it can be used. This avoids high CO₂ processes associated with hydrogen's traditional synthesis from natural gas. As such, white hydrogen offers the most cost-effective and environmentally friendly source of hydrogen.

"White hydrogen offers a much cheaper alternative resource. Without the need for inefficient energy conversion or manufacturing processes, white hydrogen produced at scale from reservoirs sited close to end-user markets could be delivered well below US\$1/kg. The co-existence of helium may also offer a valuable commercial lever for white hydrogen exploitation." (World Economic Forum article, August 29, 2024).

Natural Hydrogen as an Alternative, High-Growth, Clean Energy

White hydrogen has excellent potential as a clean energy source given the ability to produce energy with minimal environmental impact. When hydrogen is used in fuel cells, it produces only water and heat as by-products, making it a zero-emission fuel. Like technological advances driving adoption of electric vehicles, hydrogen could develop as an attractive alternative to fossil fuels in the near future. **Last week, BMW announced plans to sell its first hydrogen cars in 2028, in partnership with Toyota.** An emerging sector, by 2050 white hydrogen production is forecast to increase by 17-fold and replace some blue and green hydrogen development projects.

About Beaver-Lynx

The Beaver-Lynx property is located in south-central British Columbia, 50 kilometres from the city of Williams Lake and adjacent to Taseko Mines' (TSX: [TKO](#)) Gibraltar mine project, one of the largest open-pit copper mines in Canada. Beaver-Lynx is easily accessible by road with hydro-electric power nearby. The Company owns a 100% interest in the project with no royalties. Given positive initial drilling, metallurgical, and carbon capture test results – as well as district-scale size – the Beaver-Lynx project has the potential to be a source of high-grade, green magnesium and other critical minerals for the automotive, defense, and high technology sectors. For further information about Beaver-Lynx, visit Inomin's website www.inominmines.com.

Inomin Mines Director, L. John Peters, P.Geol., a qualified person as defined by National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*, has reviewed and approved the technical information in this news release.

About Inomin Mines

Inomin Mines is focused on the identification, acquisition, and exploration of mineral properties with strong potential to host significant resources, especially critical minerals, as well as gold and silver projects. Inomin trades on the TSX Venture Exchange under the symbol [MINE](#). For more information visit the Company's website: www.inominmines.com.

On behalf of the board of Inomin Mines:

Inomin Mines Inc.
Per: "John Gomez"
President and CEO

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Cautionary Note Regarding Forward-Looking Information

This news release includes certain statements and information that may constitute forward-looking information within the meaning of applicable Canadian securities laws. Forward-looking statements relate to future events or future performance and reflect the expectations or beliefs of management of the Company regarding future events. Generally, forward-looking statements and information can be identified by the use of forward-looking terminology such as “intends” or “expects”, or variations of such words and phrases or statements that certain actions, events or results “may”, “could”, “should”, “would” or “occur”. This information and these statements, referred to herein as “forward-looking statements”, are not historical facts, are made as of the date of this news release and include without limitation, statements regarding discussions of future plans, estimates and forecasts and statements as to management’s expectations and intentions with respect to, among other things, the plans and expectations of the Company with respect to the Beaver-Lynx project, and in particular, the potential of the Beaver-Lynx project as a nickel-magnesium and/or hydrogen project.

These forward-looking statements involve numerous risks and uncertainties and actual results might differ materially from results suggested in any forward-looking statements. These risks and uncertainties include, among other things, that the exploration programs at the Beaver-Lynx property are not carried out as planned, that the Company is not able to develop the Beaver-Lynx as a nickel-magnesium and/or hydrogen project, that the Company may not acquire sufficient financial resources to fund its operations, and that the Company may fail to discover mineral and/or hydrogen deposits sufficient in size.

In making the forward looking statements in this news release, the Company has applied several material assumptions, including without limitation, that the Company will deploy resources in a manner that will allow the Company to conduct the exploration programs at the Beaver-Lynx property, that future exploration programs at the Beaver-Lynx property will yield favorable results or results consistent with previous programs conducted at the Beaver-Lynx property, and that the Company will obtain sufficient funds to fund future operations.

Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. Readers are cautioned that reliance on such information may not be appropriate for other purposes. The Company does not undertake to update any forward-looking statement, forward-looking information or financial out-look that are incorporated by reference herein, except in accordance with applicable securities laws. We seek safe harbor.

Neither 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.