

# Bass River - Priority for Future Drill Program

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Mr. Coughlan was also Vice President of Acadian Mining Corporation from 2003 to February 2010 and a director of Acadian Mining Corporation from 2003 until November 2009. Mr. Coughlan was a Director of Royal Roads Corp. from August 2008 to February 2010.

Mongoose Mining Ltd. website lists following as directors of the company: Richard Pinkerton, CFO, Toronto, Ontario; Matthew Allas, Chairman and Director, Toronto, Ontario; John Allan, Director, St. John's, Newfoundland & Labrador; John Van Driesum, Director, Victoria, British Columbia and Gerasimos (Gerry) Sklavounos, Director, Montreal, Quebec.

During a telephone interview this week was asked if the company was looking for white hydrogen, which is becoming a

rage globally. He stated the province has recognized "White hydrogen" as a priority, but exploring is not possible as the regulations and guidelines are being prepared. He anticipated the province will announce regulation quite soon, perhaps as early as June.

In April, the Nova Scotia government passed Bill 193, the Powering the Economy Act, as part of a legislative push to significantly accelerate the development of, and establish a regulatory framework for, natural hydrogen, among other clean energy projects.

What is 'white' hydrogen? - White hydrogen, or natural hydrogen, is produced naturally through geological processes like serpentinization, a metamorphic process where water reacts with iron-rich rocks. It has the potential to be a sustainable

energy source for IT infrastructure like data centres.

While it remains an emerging resource globally, it does not require manufacturing, offering a potentially abundant, carbon-free energy source, unlike blue hydrogen, which depends on fossil fuels.

"It's clean energy and the type of green energy that everybody's looking for," Coughlan said of the appeal of white hydrogen.

"It's quite a simple process. Water seeps down into the ground at a certain temperature and into a certain rock type that has iron in it. From there, it oxidizes and the water molecules break apart. Hydrogen floats off and goes back into the faults until it gets trapped. That's the natural process of white hydrogen."

"We just have to find accumulations large enough to be able to exploit them," he said. "That's the key to hydrogen. It migrates through structures or faults, and then hopefully gets trapped either under a salt dome or a non-permeable rock type that creates a trap similar to oil and gas."

No white hydrogen identified in Nova Scotia yet

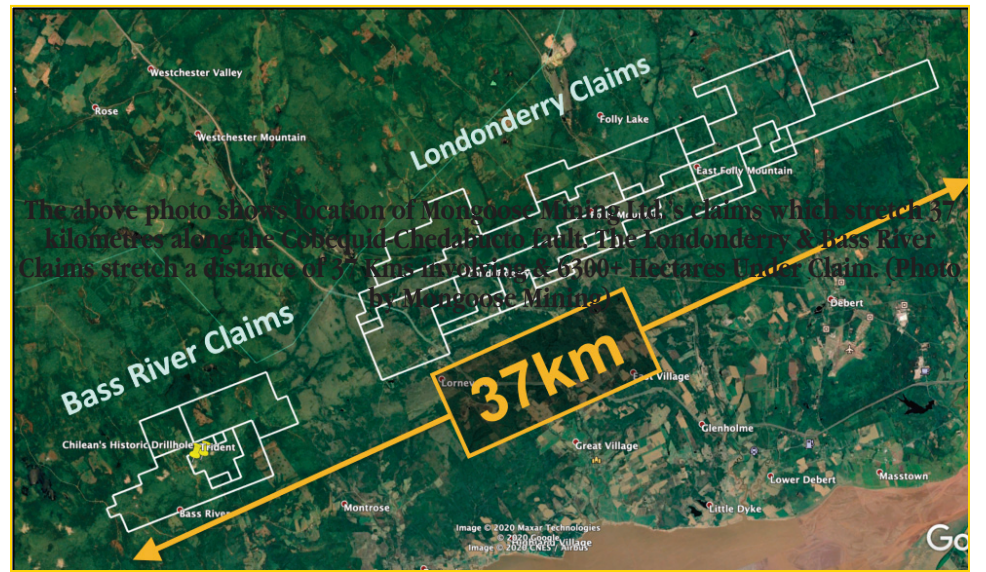
Exploration of white hydrogen, however, is in its infancy. Only one active well exists in the world, in the West Africa nation of Mali. Montreal-based Hydroma made the initial discovery of that hydrogen in 1987 as it was drilling for water.

Covering a wide variety of mining opportunities, Coughlan said most of the data is on the Mongoose Mining Ltd website but raised the following points:

Emerging technology spurs excitement to explore Nova Scotia's Cobequid-Chedabucto fault line for frackable gas;

A potential white hydrogen rush in Nova Scotia has attracted the attention of a clean fuel startup backed by Bill Gates and Jeff Bezos and has swayed a Halifax company to refocus its exploration activities toward the green energy source looking for white hydrogen deposits lurking in Nova Scotia's deepest fault;

Mongoose Mining Ltd. has pivoted from its primary exploration of iron



The above photo shows location of Mongoose Mining Ltd.'s claims which stretch 37 kilometres along the Cobequid-Chedabucto fault. The Londonderry & Bass River Claims stretch a distance of 37 Kms involving & 6300+ Hectares Under Claim. (Photo by Mongoose Mining)

oxide, copper and gold (IOCG) mineral systems to focus on white hydrogen within its Nova Scotia properties, particularly those along the Cobequid-Chedabucto fault in the northern part of the province;

"White hydrogen is the new flavour, something that's being looked at around the world," Mongoose chief executive Terry Coughlan said. "Several countries, like Australia, France and the U.S., have had new discoveries."

"Nova Scotia has the perfect geology for it. I think it's something that we hopefully see developed here over the next several years."

Coughlan said there's enough unearched hydrogen across the globe to power the Earth for 200 years.

Coughlan emphasized that Mongoose's white hydrogen exploration is speculative and that the company hasn't yet accumulated any natural gas on its properties, which stretches 37 kilometres along the Cobequid-Chedabucto fault. Its geological features and the presence of iron ore have the potential of being a hydrogen corridor, with thousands of staking claims in the area.

"Our claims are heavily favoured on the iron side," Coughlan said. "We have the majority of the iron deposits that occur along that fault in our portfolio. And a key to hydrogen development is iron, along with water and deep-seated (geological fractures) faults."

"The Cobequid fault goes down several kilometres, so it has all the characteristics of developing hydrogen."



The mod-trad, female-fronted folk-celtic crew MAGGIE'S WAKE from Ontario. These 2025 CFMA winners are performing at the Marigold Cultural Centre on Sun July 5, 7:30pm. attendee's can expect a fiery fusion of Celtic tradition and roots swagger with driving jigs 'n' reels, soaring whistles and vocals, double fiddle, flashes of country twang not to mention Cajun/global roots twists that's pure joy from start to finish. (Contributed)

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The **Shoreline Tid-Bits** Journal

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**New Beef Processing Facility Expands Provincial Capacity**

Provincial investment is supporting the opening of Cape Breton's only provincially inspected beef abattoir. The new facility will enable farmers to process beef on the island and allow Cape Bretoners, restaurants and visitors to buy more beef raised locally.

Until now, Cape Breton beef farms had to send cattle off the island for processing before the beef could be sold to customers, restaurants or local markets, costing farmers more in transportation costs.

"Our goal is to help more beef be raised, finished and processed, here at home, on Cape Breton Island," said Agriculture Minister Greg Morrow. "This investment supports local producers, strengthens our food system and helps more Nova Scotia beef reach dinner tables. MB Meat Company is a strong example of families investing in their community and building the kind of local infrastructure that supports farmers, rural communities and our economy."

The Province is investing \$250,000 in MB Meat Company in Judique, Inverness County, where it provides custom slaughter and cut-and-wrap services for regional livestock producers while selling locally raised beef and other local products directly to customers. The facility also makes it easier for local restaurants and food retailers to sell Cape Breton-raised beef.

The business was established by two families who returned to Cape Breton to invest in their community and build a long-term operation. The provincial support is through the Nova Scotia Beef Processing Program at Perennia. The investment is part of the Province's Nova Scotia Beef Initiative, which is helping increase processing capacity and improve access to locally raised beef across the province.

Minister Morrow joined company owners, producers and community members at the company's grand opening on June 27, to tour the new facility and celebrate the start of operations.

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