

Iron Ore

Iron Ore Project (Company)

[Houston DSO \(Labrador Iron Mines Holdings Limited\)](#)

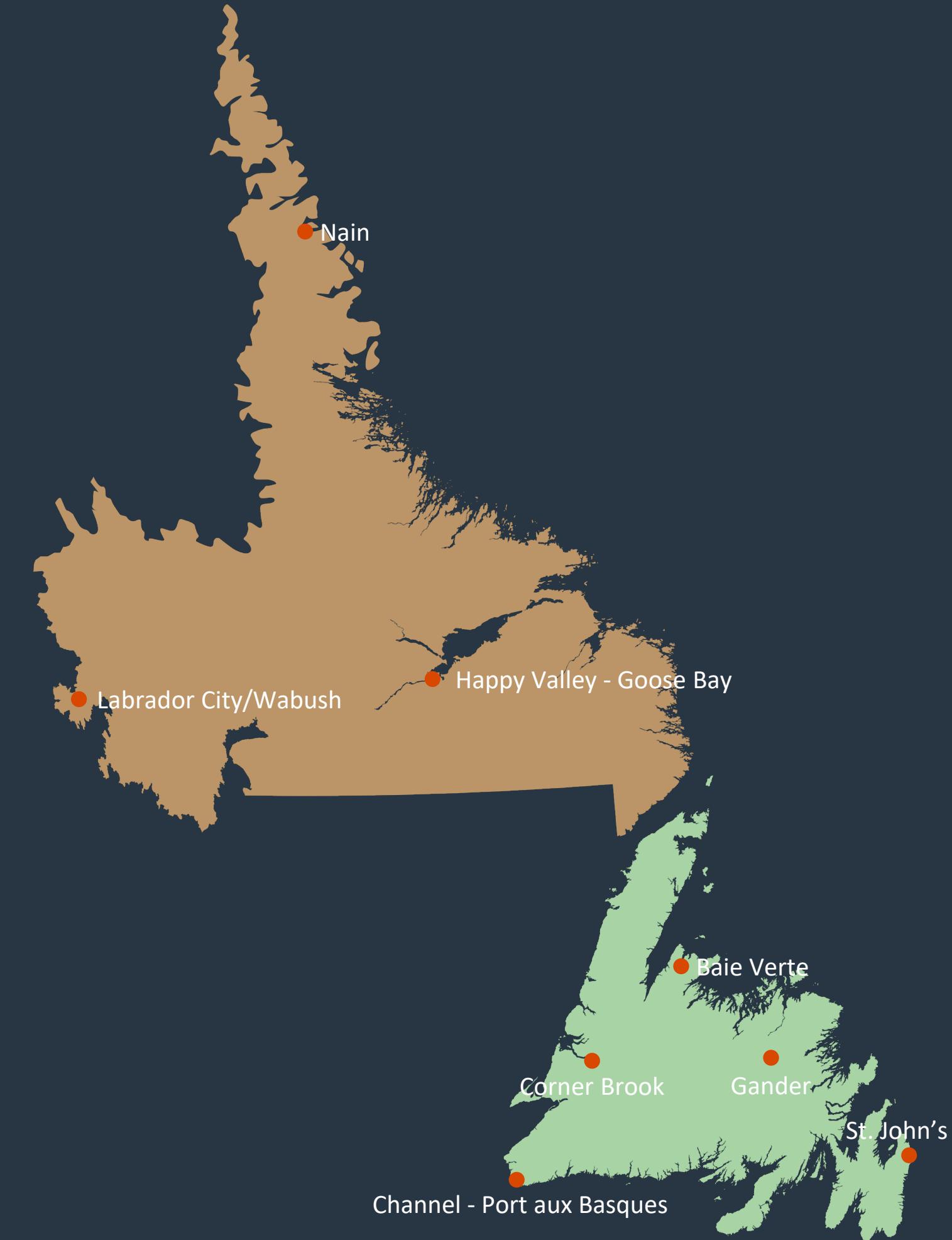
[Iron Bear \(Cyclone Metals Ltd.\)](#)

[Joyce Lake DSO \(Joyce Direct Iron Inc.\)](#)

[Kamistiatusset \(Champion Iron Limited\)](#)

[Labrador West \(High Tide Resources Corp.\)](#)

[Lac Virot \(Red Paramount Iron Ltd.\)](#)



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OTC: LBRMF



Company: [Labrador Iron Mines Holdings Limited](#)

Project: Houston DSO – Iron

Status: Non-Producer

Stage: Exploration, Resource estimate, Feasibility, **Development**

Contact: https://www.labradorironmines.ca/contact_us.php

The Houston project, situated close to the town of Schefferville, Québec, is a direct shipping iron ore project consisting of the Houston 1, 2, and 3 deposits.

The company restated its independent [preliminary economic assessment](#) of the Houston project in 2022, demonstrating production of 2 million tonnes of Fe per year and 23.4 million tonnes over the life of the project. The project is considered construction-ready with a one-year construction period before production.

The company continues to explore various short-term financing alternatives to secure near-term working capital.

See also: [Summary of Iron Deposits in Western Labrador](#)



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ASX: CLE

Company: [Cyclone Metals Ltd.](#)

Project: Iron Bear – Iron

Status: Non-Producer

Stage: Exploration, **Resource estimate**, Feasibility, Development

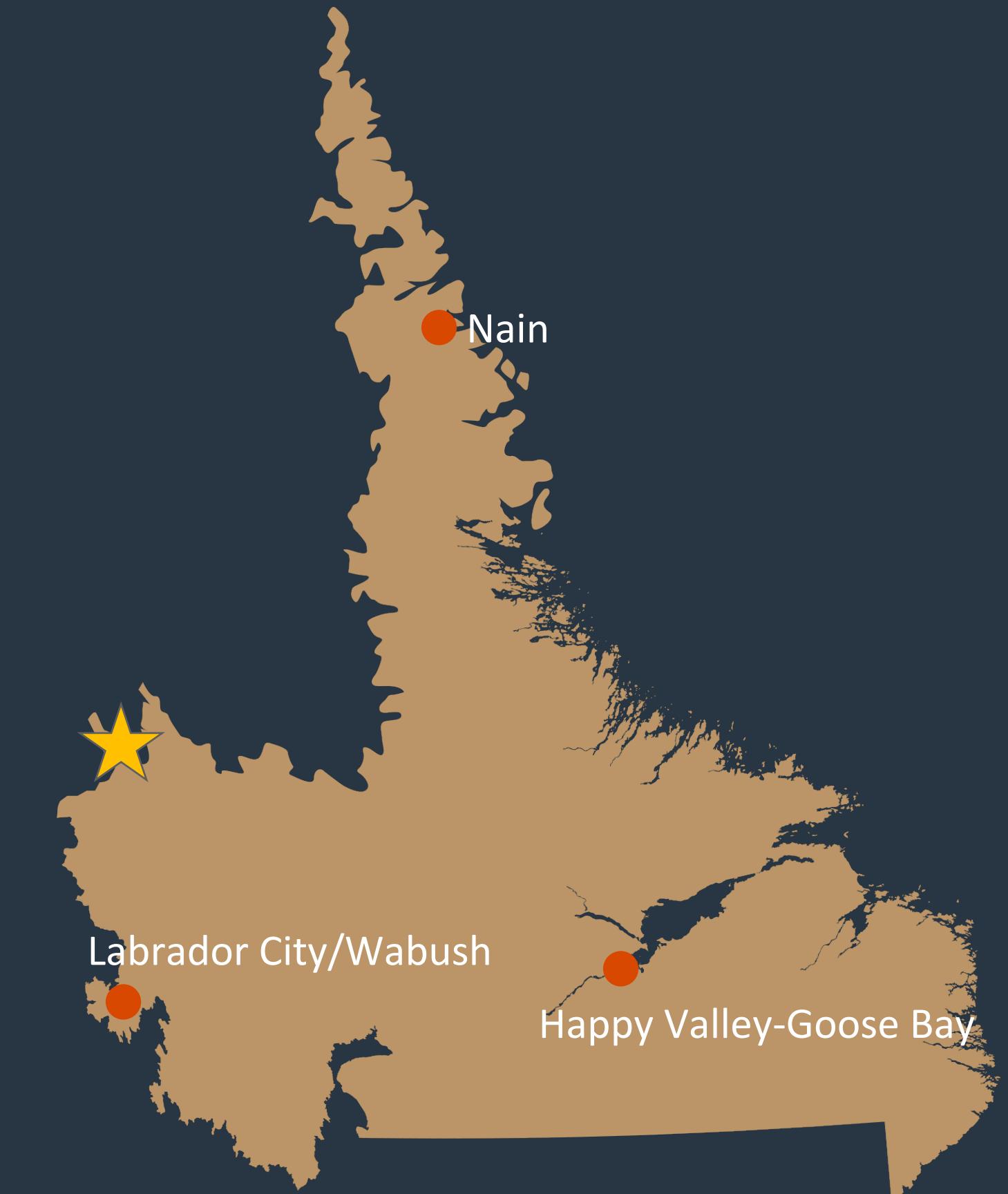
Contact: admin@cyclonemetals.com

Iron Bear, formerly known as Block 103, is situated in Labrador, close to the town of Schefferville, Québec.

In 2024, the company released an updated [Mineral Resource Estimate](#) containing 2,150 million tonnes at 28.68% total Fe and 18.97% magnetic Fe in the Indicated category and 14,510 million tonnes at 29.44% total Fe and 18.13 magnetic Fe in the Inferred category.

The company's pilot plant test work produced a Direct Reduction (DR) concentrate grading 71.3% Fe and 1.1% SiO₂. There is also potential to create a blast furnace concentrate with grades of 69.8% Fe and 3.4% SiO₂, and a recovery reverse flotation concentrate with grades of 68.3% Fe and 4% SiO₂. Phase 2 is aimed to produce larger sample sizes for further metallurgical testing.

See also: [Summary of Iron Deposits in Western Labrador](#)



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TSX: CNT

Company: [**Joyce Direct Iron Inc.**](#)

Project: Joyce Lake DSO – Iron

Status: Non-Producer

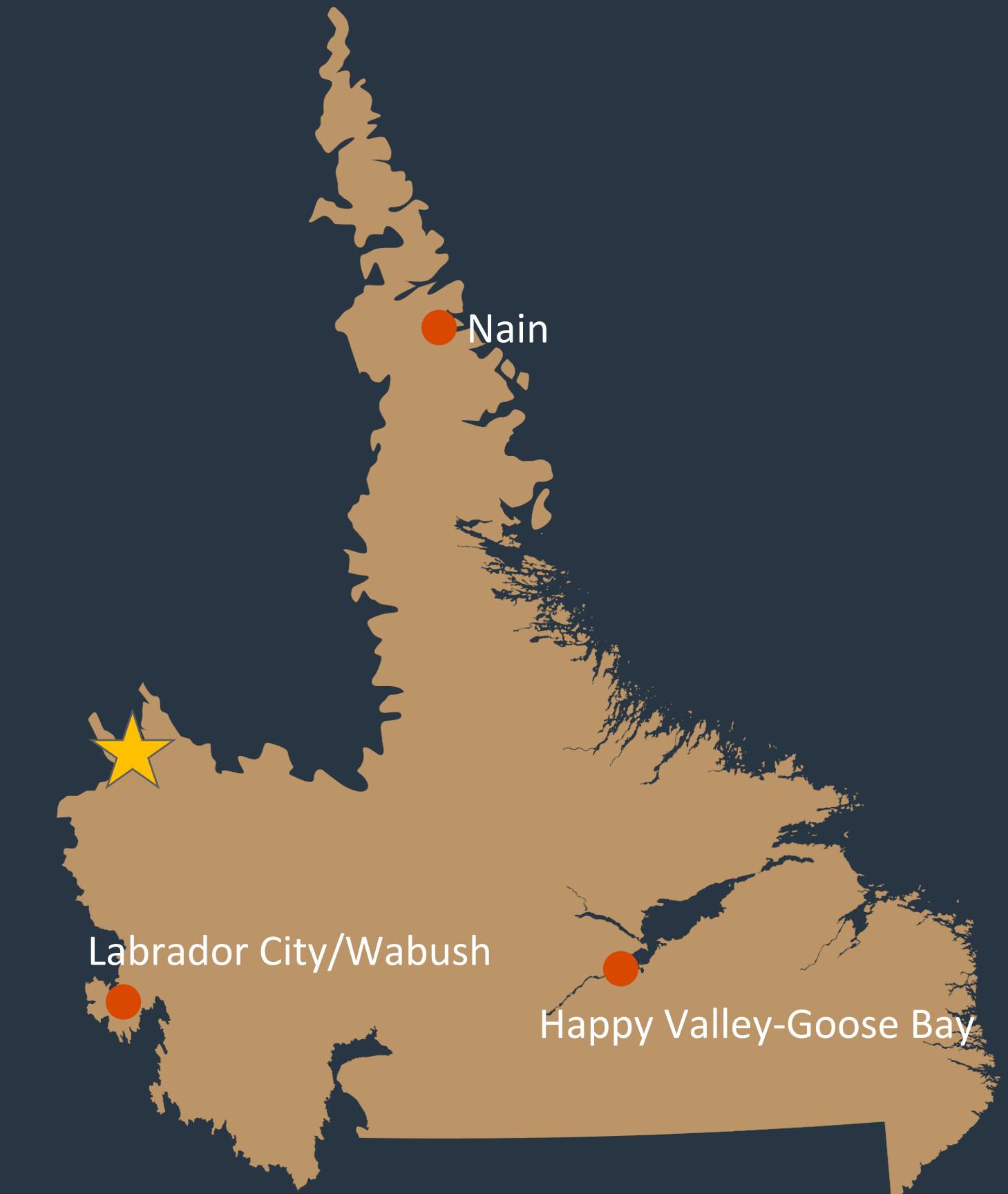
Stage: Exploration, Resource estimate, **Feasibility**, Development

Contact: contact@centuryglobal.ca

Joyce Lake is a direct shipping iron ore project in Labrador, close to the town of Schefferville, Québec.

The company released an updated [feasibility study](#) in 2022, and the project is undergoing environmental assessment. The study identified a Mineral Reserve Estimate of 17.4 million tonnes at 52 % iron cut-off to be mined at 2.5 million tonnes per year over six years, with an additional two years spent processing lower grade ore.

See also: [Summary of Iron Deposits in Western Labrador](#)



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TSX: CIA

ASX: CIA

OTCQX: CIAFF

CHAMPION IRON 

Company: [Champion Iron Limited](#)

Project: Kamistiatusset (Kami) – Iron

Status: Non-Producer

Stage: Exploration, **Resource estimate**, Feasibility, Development

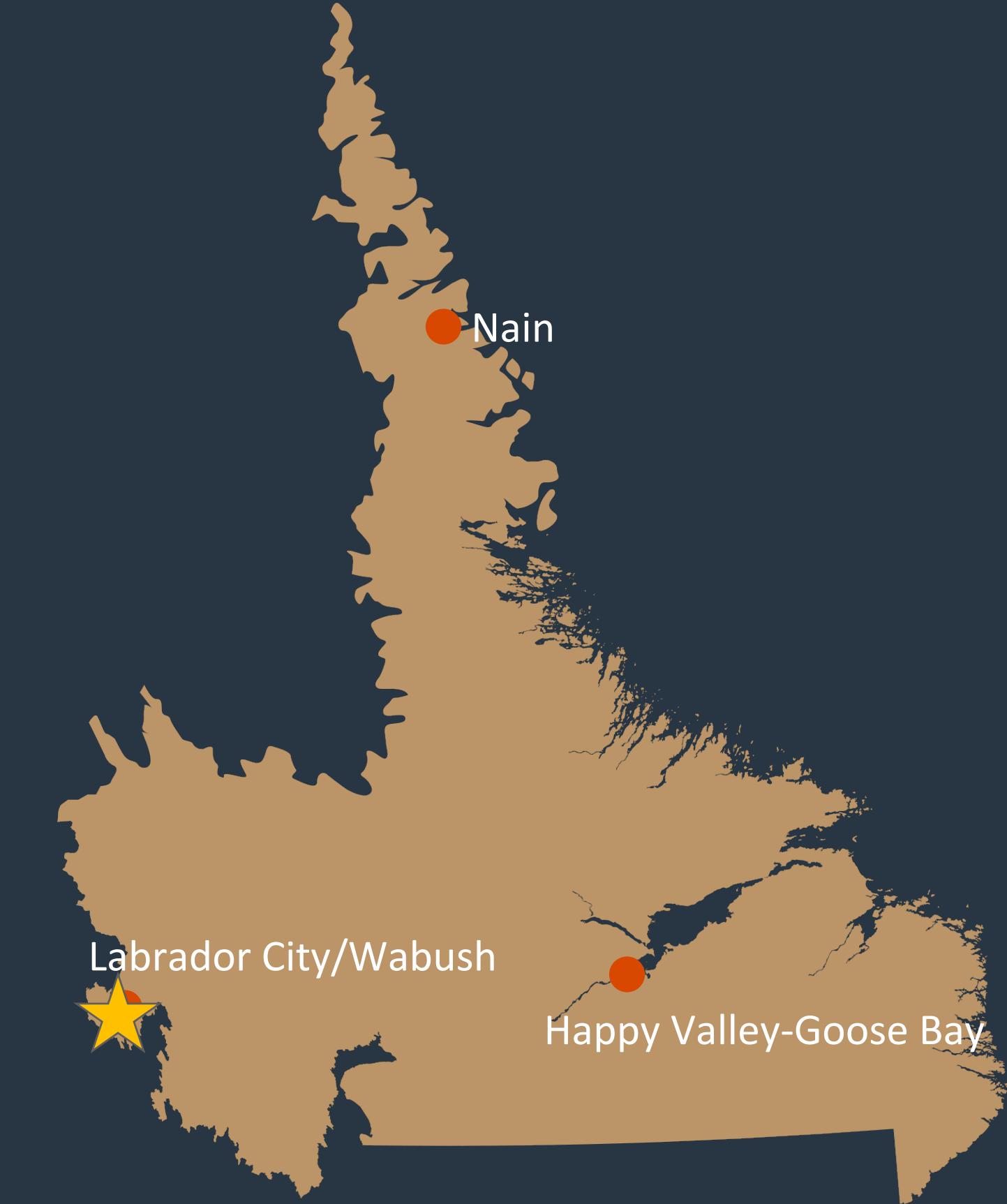
Contact: info@championiron.com

Kami is situated southwest of the towns of Wabush and Labrador City, and 21 km southeast of the company's operating Bloom Lake mine, near the Québec border.

The proven and probable mineral reserves for Kami are estimated at 643 million tonnes at an average grade of 29.2% Fe based on a cut-off grade of 15% Fe.

In March 2024, the company completed a [pre-feasibility study](#) evaluating the construction of mining and processing facilities to produce Direct Reduction (DR) quality iron ore. The study details a 25-year life of mine with an average annual RD-quality iron ore concentrate production of approximately 9 million wet metric tonnes at above 67.5% Fe.

See also: [Summary of Iron Deposits in Western Labrador](#)



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CSE: HTRC

Company: [High Tide Resources](#)

Project: Labrador West – Iron

Status: Non-Producer

Stage: Exploration, **Resource estimate**, Feasibility, Development

Contact: info@hightideresources.com

The Labrador West project is situated in southwestern Labrador near the towns of Wabush and Labrador City.

In 2023, the company released a maiden [Mineral Resource Estimate](#) of 654.9 million tonnes at 28.84% Fe in the Inferred Resource category for the Labrador West project.

Additional infill and step-out drilling will aim to expand and upgrade the resource, as well as provide geological information for further deposit modeling and detailed metallurgical studies.

See also: [Summary of Iron Deposits in Western Labrador](#)



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Company: [**Red Paramount Iron Ltd.**](#)

Projects: Lac Virot – Iron

Status: Non-Producer

Stage: Exploration, **Resource estimate**, Feasibility, Development

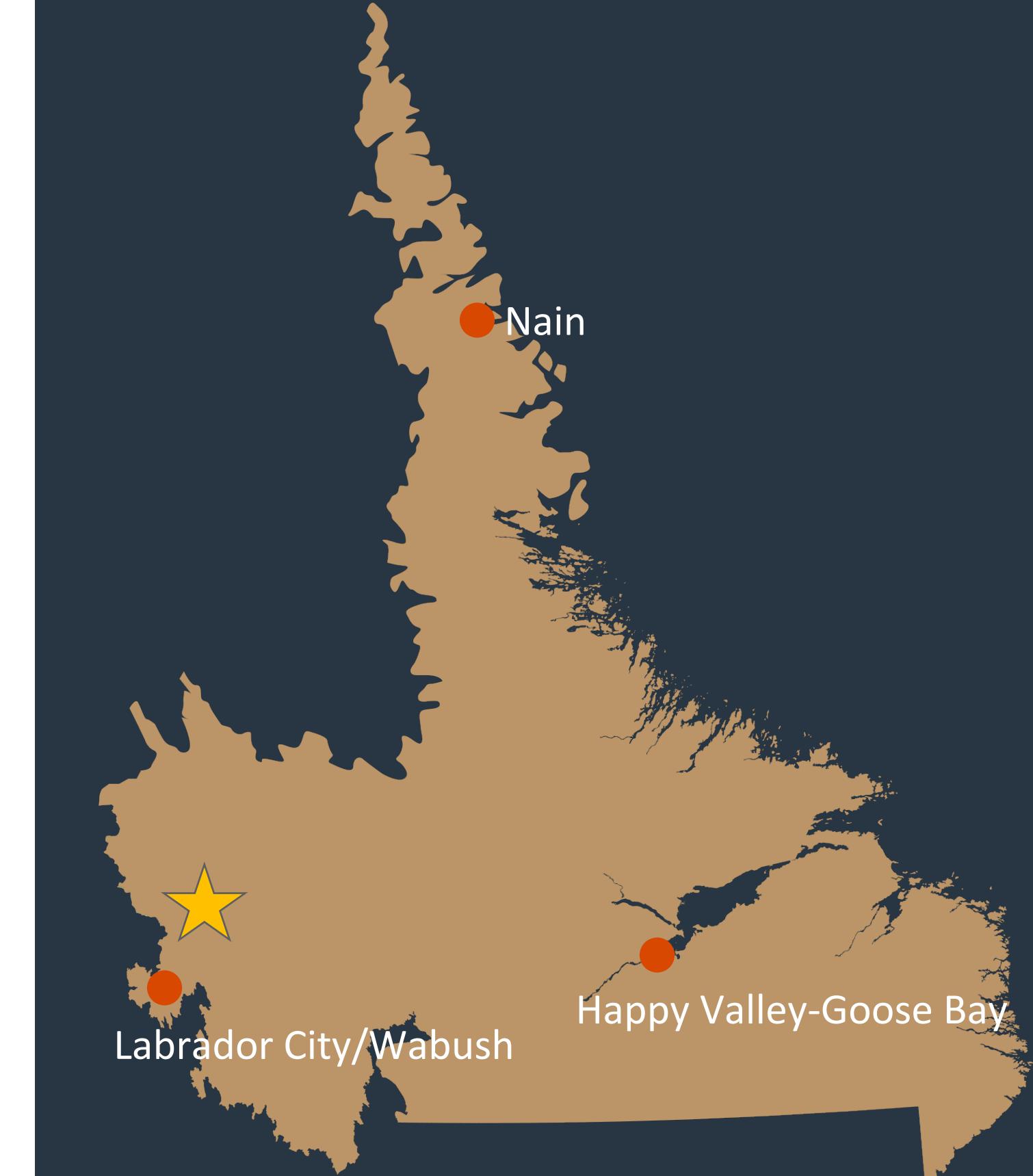
Contact: info@redparamount.ca

Lac Virot is situated in southwestern Labrador, near Labrador City.

In 2023, the privately owned company released a [**Mineral Resource Estimate**](#) for Lac Virot based on results from 43 diamond drill holes totaling 11,713 m drilled in 2012. The estimate includes an Inferred Resource of 527.1 million tonnes at 23.23% Fe.

In the same year, the company successfully secured funding from the Mining Innovation Commercialization Accelerator (MICA) for Phases 1 and 2 of the Lac Virot project Pilot Plant.

See also: [**Summary of Iron Deposits in Western Labrador**](#)



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