

## Disclaimer

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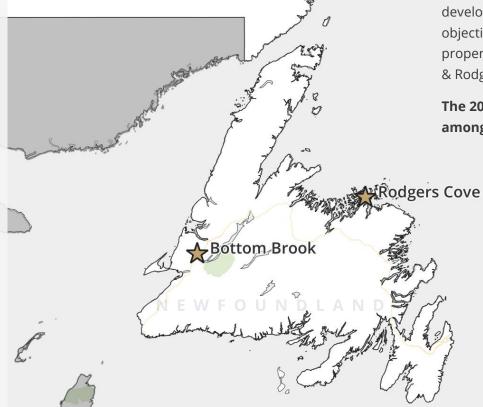
In this context, forward-looking statements often address expected future business and financial performance, and often contain words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions. By their nature, forward looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors involve risks and uncertainties associated with Sorrento's business including; the uncertainties related to the COVID-19 pandemic; the need for additional financing; the uncertainty as to whether further exploration will result in the target(s) being delineated as a mineral resource; operational risks associate with mineral exploration; capital

expenditures; operating costs; mineral resources, recovery rates, grades and prices, estimated goals, expansion and growth of the business and operations, plans and references to Sorrento's future successes with its business and the economic environment in which the business operates; fluctuations in commodity prices; title matters. Readers of this presentations are cautioned not to place undue reliance on Sorrento's forward-looking statements as a number of factors could cause actual results or conditions to differ materially from current expectations. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made and the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change, except as required by applicable securities laws. Investors are cautioned against attributing undue certainty to forward-looking statements.

There are no current resource estimates in respect of any of the projects identified in this presentation. No assurances can be made that exploration targets on any of the projects identified in this presentation will be developed into resources or reserves and exploration targets are conceptual in nature.

All scientific and technical information in this presentation has been reviewed and prepared under the supervision of Alex Bugden, P.Geo, a Qualified Person as defined in National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101").





# Company Overview

Sorrento Resources is engaged in the acquisition, exploration, and development of mineral property assets in Canada. The Company's objective is to locate and develop economic precious and base metal properties of merit, including its current focus on the Bottom Brook & Rodgers Cove projects, both located in Newfoundland.

The 2024 Fraser Institute Mining Survey places Newfoundland among the top destinations for mining friendliness.

Investment Attractive Index

Perception Policy Index

1<sup>St</sup> Permit Response Time, Canada

## Rare Earth Sector

The United States must strengthen its industrial base to reduce our dependence on foreign sources of critical minerals and ensure reliable and resilient supply chains for the materials that are essential to our national security, economic prosperity, and clean energy future.

- Source: The White House, Executive Order 14272

REE global production for 2023 was 353.7kt, with 2/3<sup>rds</sup> of production from Bayan Obo and the South China projects, China\*\*. while demand has increased ~3x since 2015 (118.8) and forecasting to increase by a factor of 3 to 7 by 2040 according to the International Energy Agency (2021).

## **Deposit Types & Current Producers**

Bayan Obo China

Carbonatite

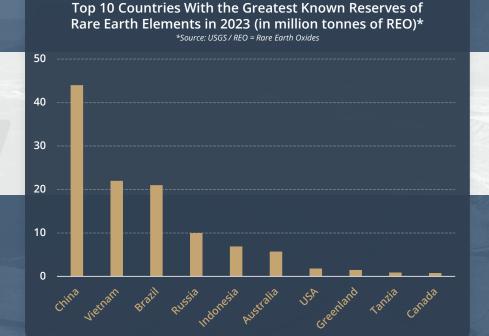
Tanbreez

Greenland

Alkaline Rocks

South China
China
Ionic Clay

Olympic Dam Australia IOCG Tailings









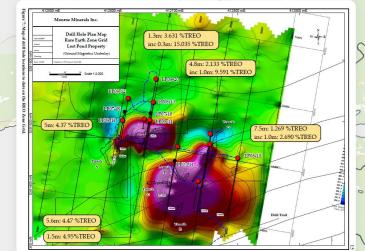
## Overview

POTTOM PPOOK

The Bottom Brook project consists of 16 mineral licences totaling ~15,150ha, located approx. 40km south of port community of Corner Brook, Newfoundland. The project is accessible through a network of secondary roads, immediately adjacent to the Trans-Canada Highway

The project has had 27 drill holes to date, with significant total rare earth oxide intercepts including:

- 11.02% over 1.05 m (2007)
- 8.19% over 2.00m (2007)
- 15% over 0.5m (2008)



Mineral Occurrence

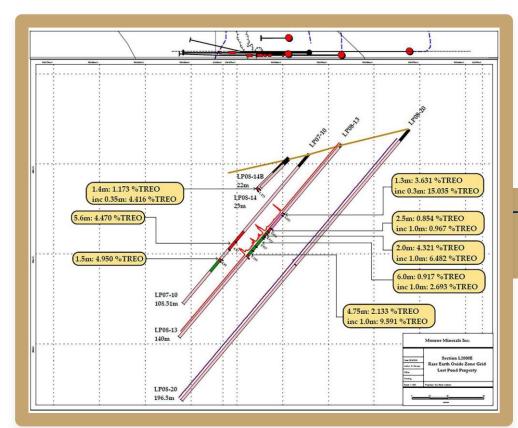
Bottom ..

Corner Brook



# Project History

BOTTOM BROOK



<sup>\*</sup>Sorrento has not verified historic work

### 9 1980-1982

Shell identifies U-bearing Boulders

### 2006-2007

- Ucore discovers bedrock U-mineralization (Bottom Brook A and U2 Showing – U2 not within Bottom Brook Claims)
- Radiometric/Magnetic Survey
- Drills 3 holes into Bottom Brook A, highlights including:
  - 4.37% Total Rare Earth Element Oxides (TREO) over 5.03 m;
  - 11.02% over 1.05 m;
  - 4.47% over 5.64 m with 8.19% TREO over 2m.

### 2008

 Monroe Minerals drills an additional 9 holes at Bottom Brook A showing featuring a highlight intercept of 15% TREO over 0.5 m and 1.2% over 15.3 m

### 2010

Kirrin Resources drills 4 holes

### 2023

York Harbour acquires project and completes trenching, channel sampling, SEM-MLA, and a 1,701m drill program over 10 holes





OTTOM BROOK

Bottom Brook is located within the Laurentian Margin, within the southwestern edge of Mesoproterozoic and Neoproterozoic Humber Zone in the **Steel Mountain Subzone**. The property lies within the northeastern portion of the Steel Mountain Subzone, characterized by late Proterozoic metamorphic rocks intruded by later Proterozoic peralkaline leucogranites from the Hare Hill granite complex.

umber Zone (HZ)

Exploits Subzone (EsZ) Gander Zone (GZ)

Avalonian rocks in Avalon Zone (AZ)

> Carboniferous Basins Ophiolitic Rocks

> > Property Geology

Mineral Showing

(C:LHe) Early Cambrian to Middle Cambrian: siliciclastic marine

(C:TPzu) Middle Cambrian to Late Cambrian; carbonate dolostone

(C:TPs) Middle Cambrian to Late Cambrian: carbonate

Bedrock Geology

Dunnage Zone

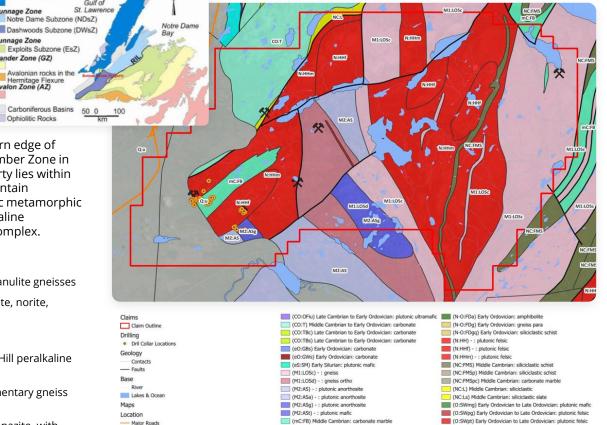
**Dunnage Zone** 

### **Steel Mountain Subzone:**

- Disappointment Hill Complex: pyroxene granulite gneisses
- Steel Mountain Complex foliated amphibolite, norite, gabbro and granitoid gneiss

### Hare Hill Granite Complex (Red Unit):

- Host mineralization contained within Hare Hill peralkaline leucogranite complex
- Mineralization could be in consumed sedimentary gneiss or lies within a mafic phase of the complex
- Mineralization is dominated by REE-rich Monazite, with lesser Zircon, allanite, apatite and trace Ce-carbonates
  - (TREO define steeply LREE enriched patterns (10,000 - 100,000x chondrite))



(mC:Rp) Middle Cambrian: carbonate limestone

(mO:Hmu) Middle Ordovician; melange

(mC:TMs) Middle Cambrian: carbonate limestone

(mO:KADs) Middle Ordovician: carbonate limestone

(mO:TPc) Middle Ordovician: carbonate limestone

(mO:TC) Middle Ordovician: carbonate limestone

OS:SB) Late Ordovician to Early Silurian: plutonic mafic

(Q:u) - : siliciclastic

Base Maps

Bing Satellite

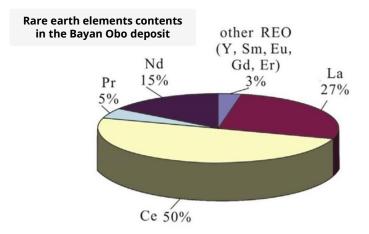


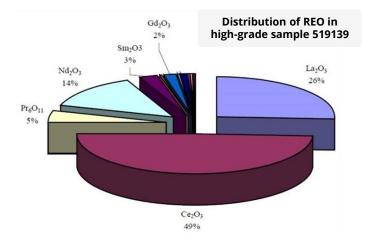
# Deposit Model

### BOTTOM BROOK

Rare-earth mineralization at Bottom Brook is characterized by monazite-enriched horizons. The distribution of Rare Earth Oxides in high grade core sample 519139 (Penney and Reid, 2009) is almost identical to the giant carbonatite Bayan Obo deposit – a major REE reserve estimated at more than 57.4 million metric tons grading at 6% and accounts for nearly half of global REE production (Fan, 2016). Bottom Brook REE mineralization has also been compared to the Steenkampskraal monazite deposit in South Africa by Dr. Derek Wilton in 2024, which is one of the highest-grade REE deposit globally with a current mineral resource estimate of 665,000 tonnes at an average grade of 14.5% TREO.

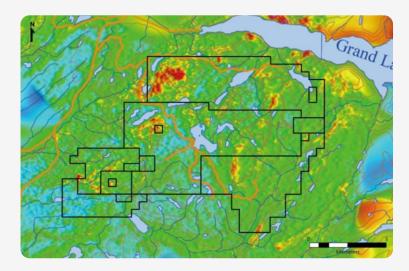
Mineralization exhibits considerable Light Rare Earth Element (LREE) enrichment (10,000 – 100,000x chondrite) compared to heavy rare earth elements (HREE; 100 – 1,000x chondrite). Penney and Reid (2009) noted that the LREE constitute between 95 and 96% of the total REE content of samples with > 1% TREO.





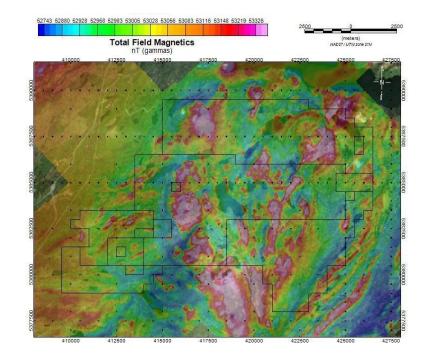


# Geophysics BOTTOM BROOK



- Airborne Equivalent Thorium Survey on the Bottom Brook Property (map compiled by Oneschuk and Kilfoil, 2021).
- High Th anomalies are associated with the Hare Hill granite complex.

- Total Field Magnetics Map of the Bottom Brook Property (derived from data in Fitzgerald and Smith, 2007).
- Anomalous Mag intensities correlate with the Hare Hill granite complex and 1500 Ma granulites.



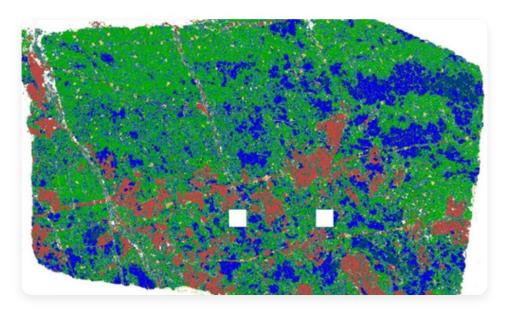


## SEM-MLA

### BOTTOM BROOK

- SEM-MLA (scanning electron microscope mineral liberation analysis) was carried out in 2023 by Terra Rosetta Inc. (Dr. Derek Wilton) on several field samples.
- Best sample returned 35.98 area % total REE in thin section.
- Analysis determined that REE are hosted in monazite a mineral amenable to well-established metallurgical processing methods.

Sample	Total REE	Monazite
G4	35.98	31.85
REE-1	18.86	16.45
Q2	6.83	5.69
Q4	5.58	3.32
Q3	4.19	3.36
Q1(2)	3.79	1.99
TR-4	3.52	1.24
Q1	2.19	1.23
TR-2	1.98	0.31
TR-3	1.82	0.32
TR-1	1.27	0.25
TR-5	0.62	0.08











### **Channel Sampling**

York Harbour Metals collected a total of 17 channel samples varying from 0.2 to 1.5m in length for a total of 16.9m from two trenches, including highlights of:

- Samples 116676-116678: 3m at 1.38% TREO (including 1m at 2.28% TREO).
- Samples 116679-116682: 4m at 0.87% TREO.
- Sample 116686: 1.5m at 1.07% TREO.

### **Drilling**

2023 drilling by York Harbour Metals consisted of 1701m and 10 holes, testing results from REE channel sampling and historic graphite targets.

Notable intercept: 0.6% TREO over 2.94 m





# / OTCQB: SRSLF

Exploration Targets & Next Steps

BOTTOM BROOK

Bottom Brook features several undeveloped targets identified by surface sampling:

### Prospect 1

- Outcrop of altered granite, w/rusty veins
- Grab sample assayed 2.87% TREO
- Approximately 1.75 km northeast of the U3 Zone.

### Prospect 2

- Rusty pegmatite vein in altered biotite-rich granite
- Grab samples collected assayed 5.21% and 6.54% TREO
- 875m northeast of U3 Zone

### Prospect 3

- East showing assayed 4.78%TREO
- Hematite-rich granite with magnetite. Scintillometer readings up to 2200cps. The Prospects consists of two separate showings 100m apart, along an E-W trend, while west showing assayed 4.89% TREO.
- 875 m ENE of the U3 Zone.

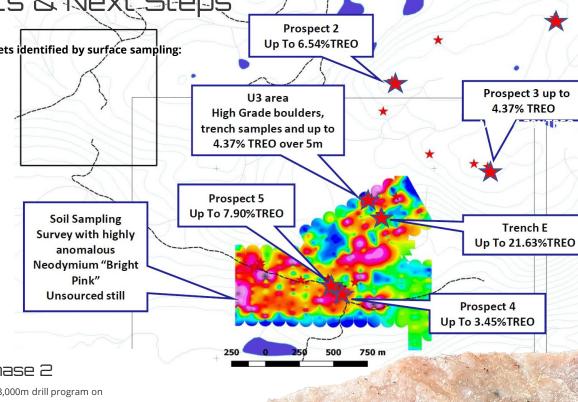
A two-phase program is proposed for Bottom Brook:

### Phase 1

- Airborne remote sensing survey
- Soil sampling, boulder sampling, prospecting, and channel sampling
- Whole rock geochemical and petrographical studies

### Phase 2

3,000m drill program on targets identified in phase 1









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RODGERS COVE

Overview

The 100%-owned Rodgers Cove Project comprises four mineral licenses totaling 2,475 hectares (99 claims) in the Central Newfoundland Gold Belt (CNGB) — an area known for hosting multiple gold discoveries along major deformation zones.

Mineral Occurrence

Gossan Resources Ltd.

New Found

Gold Corp.

### Highlights:

- Located within the Exploits Subzone, along the Appleton and JBP Faults, key structural corridors associated with major gold systems.
- Never drill-tested; early trenching returned up to 115.6 g/t Au over 1m and 22.6 g/t Au over 0.5m.
- Multiple high-grade showings including grab samples up to 11.93 g/t Au and 440 g/t Ag.
- Four primary gold targets defined by strong soil and rock anomalies.
- Situated less than 50 km north of Gander with excellent access, tidewater proximity, and nearby power infrastructure.

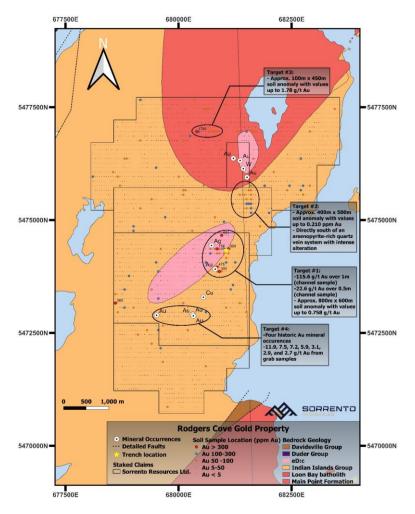
## Geology & Historic Work\*

### RODGERS COVE

Rodgers Cove is situated on the eastern edge of the Dunnage Zone within the Exploits Subzone, an area that forms the Central Newfoundland Gold Belt. The Property straddles both the JBP Fault and the Appleton Fault, which are associated with hydrothermal epigenetic gold veining at high-grade discoveries in the Exploits Subzone. In line with these discoveries is the presence of altered granodiorite-hosted mineralization linked to quartz veining and abundant arsenopyrite.

The property has seen limited exploration conducted historically and has never been drilled. Soil geochemistry, trenching, and limited channel sampling have identified multiple anomalies:

- Target #1: 800 × 600m soil anomaly with up to 758 ppb Au, trench results up to 115.6 g/t Au over 1m.
- Target #2: 400 × 500m anomaly with soils between 50–300 ppb Au, historic showings up to 14.56 g/t Au and 440 g/t Ag.
- Target #3: 100 × 450m anomaly with soils up to 1.78 g/t Au.
- Target #4: Multiple high-grade gold showings, including Rodgers Cove (7.55 g/t Au), Kypher (11.93 g/t Au), and Long Pond (7.16 g/t Au).





# Management & Directors

# Alex Bugden CEO, President & QP

Mr. Bugden is a professional geologist with over 5 years of experience in exploration, mining, and the oil and gas sectors in Canada with a particular focus in Newfoundland and Labrador.

# Neal Blackmore Director

Mr. Blackmore is an experienced project generator and mineral exploration professional with more than 15 years of industry experience.

### Brent M. Clark Director

Mr. Clark is a professional geologist and has been active in the exploration and mining industry for the past 8 years throughout Canada and Internationally.

# Bobby S. Dhaliwal

Mr. Dhaliwal is an accountant with Red Fern Consulting Ltd. and works as a financial consultant with a number of TSX-V and CSE listed companies in the resources sector.

# Kelly Pladson Corporate Secretary

Ms. Pladson has provided corporate governance and regulatory compliance services to many TSX Venture and CSE listed companies since 2009.



# Capitalization

CSE: SRS OTCQB: SRSLF

32,716,109 Shares Outstanding. Options

2,537,332 Warrants

35,253,441

Fully Diluted



