



STRONTIUM

Enon Lake, Cape Breton, Nova Scotia

FOR SALE OR OPTION - Celestite Deposit (Strontium Sulfate, SrSO_4)



Highlights

- Historically, North America's largest celestite producer.
- 775,000+ Tons of celestite at an assigned grade of 49.75%, open down-dip to the northwest and extends on strike to the north.
- 470+ drill holes recorded, 200+ available at government core storage facility for future evaluation.
- All known ore zones located on Crown land and land owned by 21Alpha Resources Inc.
- Government funding under the Mineral Resources Development Fund available for application, up to \$100K under 50/50 shared funding stream.

The Enon Lake Celestite Property is located in Cape Breton County, Nova Scotia, Canada, covering a large area of 875 hectares. Within its boundaries, you'll find the historic MacRae Celestite Deposit, which was in operation during the 1970s under Kaiser Celestite Mining Limited. Since its discovery in 1962, around 88,000 tons of ore have been extracted. The entire property is reported to hold in-situ measured and indicated celestite reserves exceeding 775,000 tons, with an assigned celestite grade of 49.75%. Notably, potential exists to significantly increase the reserves along strike and down-dip.

In early 2023, 21Alpha acquired 90 acres of land, including the southern section of the ore zone and access to the MacRae Pit. Currently, surface rights to the deposit in its entirety are jointly held by the Crown and 21Alpha Resources. 21Alpha is offering their land for sale in connection with the mineral rights.

The property has an extensive drilling history, with over 470 recorded drill holes with 200+ available at the Stellarton core storage facility. This wealth of data allows for the calculation of an NI43-101 resource, contributing strontium to the portfolio of a public company.

The property features four celestite mineralized zones, designated as Zones 1, 2, 3, and 4, arranged in a stacked formation resembling a layer cake, with Zone 4 positioned at the top. Currently, Zones 1 and 4 are considered relatively small and not of significant consequence. However, Zones 2 and 3 show promise in terms of potential economic significance, considering both size and grade. Zone 2 underwent partial exploitation by Kaiser, while Zone 3 remains entirely intact. Zone 3 boasts a strike length of approximately 800 feet, extending from near the surface to a depth of 180 feet, and remains open down-dip to the northwest. Positioned approximately 30 feet below Zone 3, Zone 2 spans a strike length of around 900 feet, starting at approximately 35 feet below the surface and reaching a depth of 225 to 250 feet. It remains open down-dip to the northwest and extends on strike to the north.

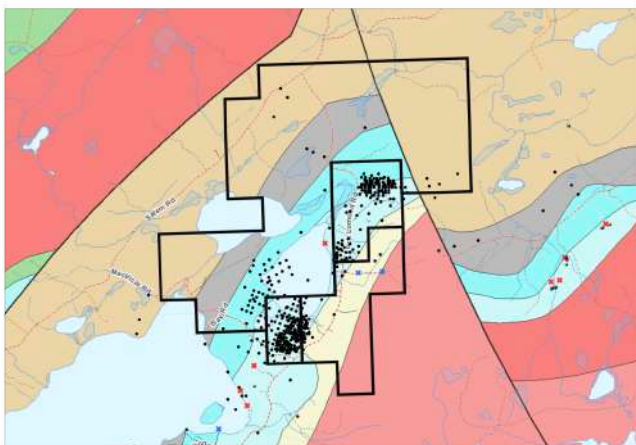
A pre-feasibility study from 1987 is available upon request.

There is an opportunity to apply for funding from the Nova Scotia Mineral Resources Development Fund (MRDF), which offers a maximum of \$100,000 through a 50/50 shared funding stream. These funds can be utilized for various purposes, including exploration, resource definition, preliminary economic assessment, pre-feasibility, or feasibility studies.

Contact

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MacRAE PIT



The MacRae Pit offers excellent development potential. Access from the public road is owned by 21Alpha.

