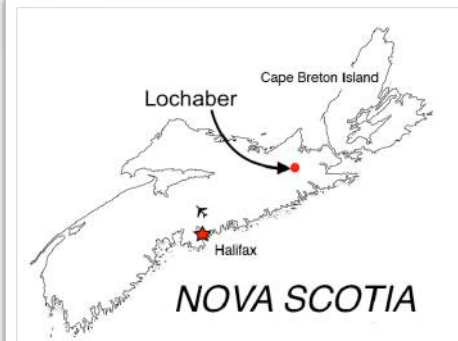




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## Lochaber, Nova Scotia

### FOR SALE OR OPTION - The Great Horne Copper Deposit



### Highlights

- 2.29 million tons of 0.33% copper, with a potential of an additional 3.44 million tons. (1972)
- More recent exploration suggests deposit is even larger than originally thought. (1998)
- Large, 3km under-explored area between The Great Horne Copper deposit and the College Grant copper-iron deposit.
- Work was halted in the 90s when copper prices were \$0.71/pound, today copper is \$3.77 US/pound.
- Government funding under the Mineral Resources Development Fund available for application, up to \$100K under 50/50



Trench 1 boulder, note malachite staining on calcareous ribbon sediments

The Lochaber copper property is located approximately 25 km south of Antigonish, Nova Scotia, on the elevated terrain west of Lochaber Lake, with convenient access provided by local secondary roads.

In 1970, the prospect was uncovered during a geochemical soil survey commissioned by the Great Horne Mining Syndicate and conducted by International Mine Services (IMS). Copper anomalies were identified on abandoned farmland, leading to subsequent geophysical surveys. The Nova Scotia Department of Mines drilled 16 BQ diamond drill holes over the copper anomalies in 1971 and 1972, revealing a low-grade deposit with an approximately 200 m strike length. The Great Horne copper deposit (Lochaber) is documented as 2.29 million tons of 0.33% copper, with a potential of an additional 3.44 million tons.

In 1997, Goliath Copper Fields Ltd. executed a comprehensive exploration program involving trenching, archival research, three diamond drill holes, and a soil geochemical survey. Trenching exposed copper mineralization in bedrock with grades ranging from 0.15 to 0.57% copper over an average distance of 30 to 60 feet. Drilling revealed copper mineralization reaching up to 1.15% over a five-foot length, with an average of 0.40% in mineralized sections. Further analysis of aeromagnetic data and high-resolution maps suggested a stratigraphic continuation of copper-containing sediments from Lochaber to the College Grant copper deposit, located 3 kilometres to the west.

The College Grant deposit comprises numerous quartz-carbonate veins with chalcopryite, pyrite, and specular hematite in a small, chloritized mafic plug and adjacent sedimentary rocks. The veins range from 0.6 to 1.8m in thickness, boasting an average grade of 10% copper. 21Alpha Resources owns the largely unexplored ground between the two deposits and the defined Great Horne deposit in its entirety.

The geology of the Lochaber deposit is characterized by bedded, finely disseminated pyrite, chalcopryite, and bornite in the basal 90m of a 200 meter-thick carbonate sequence within the Lower Devonian Knoydart Formation.

### Contact

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# Lochaber Copper

Goliath Copper Fields' work suggests that the deposit might be more extensive than initially thought, and their report is available upon request.

