

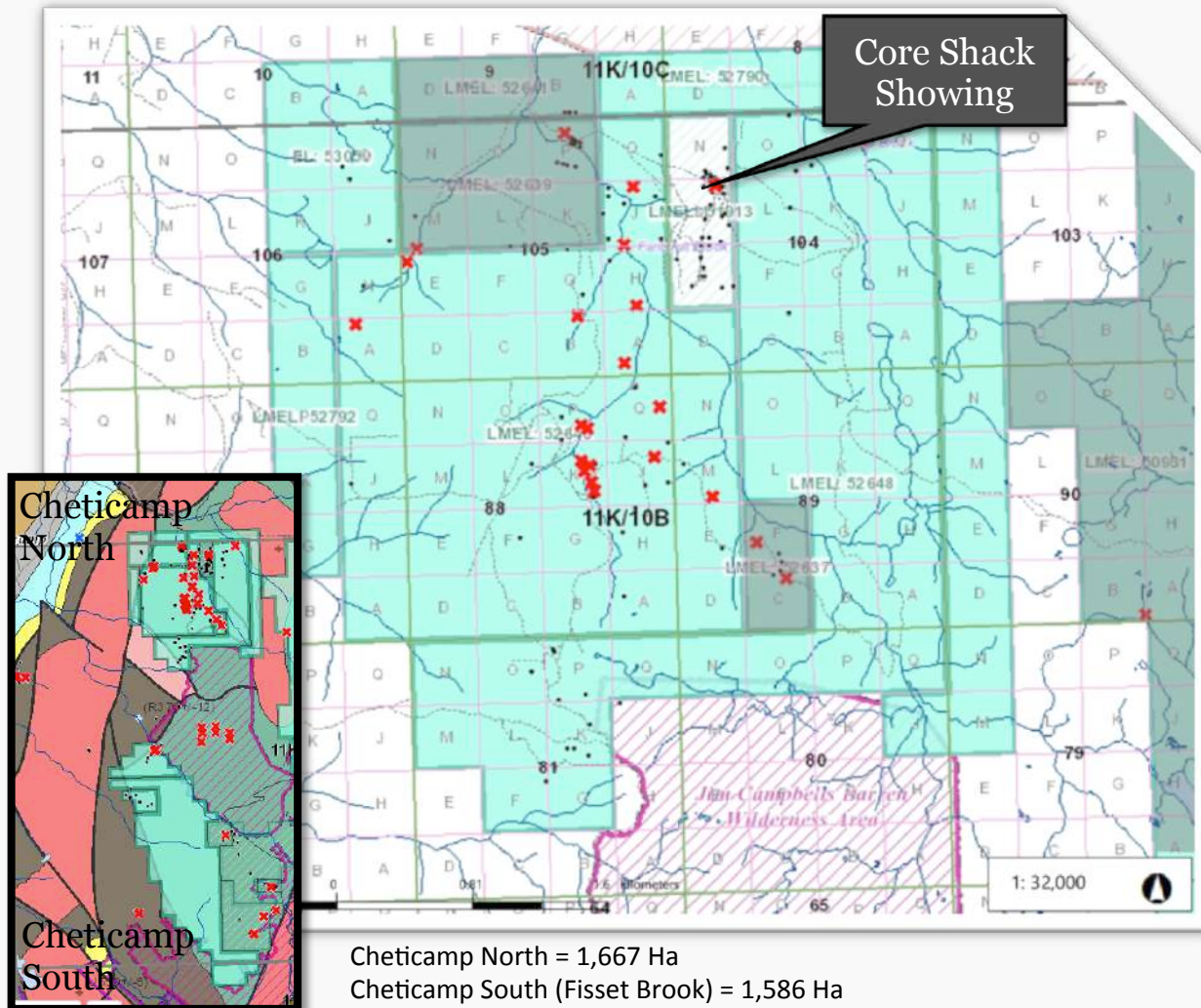


Gold, Silver, Copper, Lead, Zinc
Cheticamp, Nova Scotia

March 2019

CHETICAMP NORTH CLAIM BLOCK

Green represents claims held by 21Alpha Resources



Government recorded mineral occurrences on Cheticamp property from north to south (red 'x' on map):

1. Silver Cliff
2. Core Shack
3. Y-31
4. Falls Junction
5. Delbert Brook (1)
6. Delbert Brook (2)
7. Lower Grandin Brook
8. Park Boundary Brook
9. Cheticamp Iron Cap
10. Triangle (1)
11. Triangle (2)
12. Triangle (3)
13. Road 1 Arsenic
14. Triangle (4)
15. Triangle (5)
16. June Showing
17. Mountain Top Copper Mine
18. Fisset Brook

CORE SHACK SHOWING

Initial visit and sampling



The Core Shack Showing is a documented mineral occurrence on the Cheticamp claim block. The exposure is located in a 40 meter cleared section of the Cape Breton Highlands. During the month of October 2018, 21Alpha accessed the property by four-wheeler in order to collect samples from the recorded mineral occurrence. Five samples were collected and sent to AGAT Laboratories for analyses. Gold, Silver, Copper, Zinc and Lead values were significant.

21Alpha ID	Location UTM	Ag ppm 1	Cu ppm 5	Pb ppm 5	Zn ppm 5	Au ppm 0.001
CS-WP-509A	20T 0659770 5165211	388	3920	6510	2870	8.46
CS-WP-509B	20T 0659770 5165211	698	463	161000	13100	6.04
CS-WP-507	20T 0659783 5165174	46	3230	35700	55900	9.55
CS-WP-508	20T 06597765 5165209	257	8590	31100	73100	13.2
CS-WP-514	20T 0659760 5165215	6	38	326	866	0.057

CORE SHACK SHOWING

Photos



Above: Core Shack Showing
Left: Reverse angle, view from Core Shack



CORE SHACK SHOWING

21Alpha Sample Images



CS-WP-507 (Above)

Gold 9.55 g/t
Silver 46 g/t
Copper 3230 g/t
Zinc 5.59 %
Lead 3.57 %

CS-WP-508 (Below)

Gold 13.2 g/t
Silver 257 g/t
Copper 8590 g/t
Zinc 7.31 %
Lead 3.11 %



CORE SHACK SHOWING

21Alpha Sample Images



CS-WP-509B (Below)

Gold 6.04 g/t
Silver 698 g/t
Copper 463 g/t
Zinc 1.31 %
Lead 16.1 %

CS-WP-509A (Above)

Gold 8.46 g/t
Silver 388 g/t
Copper 3920 g/t
Zinc 0.287 %
Lead 0.651 %



CORE SHACK SHOWING

Drilling Programs 1996 & 1966



The following information was taken directly from the Assessment Report submitted to the NS Department of Mines by Highland Range Minerals Ltd. In July 1996. This represents some of the most recent data available with the Nova Scotia Registry of mineral titles. The report was authored by C. G. Johnson, M.Sc., Geologist of Baddeck who personally supervised the 1996 drill program

SUMMARY

A diamond drilling program has outlined an extensive auriferous horizon with economic possibilities. Detailed diamond drilling to locate structure containing commercial grade within the system is recommended.

INTRODUCTION

This is a report on the diamond drilling program on the Fairbault Brook [Core Shack] property of Highland Range Minerals Ltd. Purpose of the drilling program was to explore the host rocks to the previously test 'Core Shack' zone and to follow up an intersection made by Amax Explorations in diamond drill hole AMC-5-79.

GEOLOGICAL SETTING

The drilling area is underlain by metasediments and metavolcanics of the Jumping Brook Series of Ordovician Age. The metasediments overlie the meta volcanics and consist of greywacke, argillite and quartzite. The metavolcanic are primarily in the andesitic range. Near the base of the metasediments lies the transition zone which consist of chlorite, sericite, biotite and garnet. The sulphide mineralization consists of pyrite, pyrrhotite, arsenopyrite, chalcopyrite, sphalerite and galena. Gold and silver accompany the sulphides particularly the arsenopyrite.

Continued on next page...

CORE SHACK SHOWING

1996 Drilling Programs



Structurally the formations are low dipping and undulating with no preferred direction. In the drilled area the general dip is gently westward. Folding is both broad and confined and faulting is predominately thrust, occasionally filled with fine grained mafic sills and dykes of black colour and called “trap”. Sulphide mineralization with attendant precious metals tend to undergo concentration and enrichment in the zones of folding and thrusting.

DIAMOND DRILLING PROGRAM

The diamond drilling program was carried out between January 16th and April 12th, 1996 and consisted of eleven holes totaling 948 meters. Size BQ core was recovered. The drilling contractor was Maritime Diamond Drilling Ltd. of Truro, Nova Scotia.

Mineralized sections were sampled and assayed for copper, lead, zinc, arsenic, gold and silver at Bourlamaque Assay Laboratories Ltd. in Val d’Or, Quebec. The core is presently [1996] stored at Cheticamp and will eventually be submitted to the storage facilities of the Nova Scotia Department of Natural Resources at Stellarton, Nova Scotia.

RESULTS

The mineralized horizon was explored in eleven holes over a north to south distance of 700 meters. One hole (HR-2) was drilled through the outcropping “Core Shack” zone first discovered in the 1960s. The best section (from 13.87 to 16.62 meters) in HR-2 assayed 3.50 g/t gold across 2.75 meters, almost identical in width and tenor to the best section in the Amax drill hole AMC-5-79 located 250 meters to the south. Also in drill hole HR-2 a sample between 13.87 and 14.77 meters assayed 133 g/t silver.

CORE SHACK SHOWING

1996 Drilling Program



One of the most significant findings in the drilling program was the considerable width of the auriferous horizon. For example, in the approximate middle of the drilled area, a section in hole HR-8 assayed 1.10 g/t gold across 6.70 meters, or 0.6 g/t gold across 25.30 meters. Zinc values throughout the mineralized zone average in the 0.30-0.60 % range. The mineralized horizon occurs at an average depth of 40 meters.

CONCLUSIONS AND RECOMMENDATIONS

The diamond drilling program was successful in outlining an auriferous horizon of considerable width over a strike length of 700 meters and open at both ends. Detailed diamond drilling is definitely warranted to outline structures with potential for increased metal concentration. Two initial target areas extend northeast from drill hole HR-2 as well as northeast from Amax drill hole AMC-5-79.

Prior to drilling, a program of down hole geophysics (possibly mise-a-la-masse) should be considered from the existing holes to better guide the next stage of drilling. [Complete report available upon request]

The following pages illustrate the best values for gold, silver and zinc down diamond drill holes from the drilling program conducted in 1996 by Highland Range Minerals and 1966 drilling program by Barrington Exploration Ltd.

Cheticamp - Core Shack Gold

Gold results from 1966 & 1996 Drill Programs

LEGEND

Best Gold Values
from DDH

- 0.1 - 1 g/t Au
- 1 - 3 g/t Au
- 3 - 5 g/t Au
- 5 - 10 g/t Au
- 10+ g/t Au

Red Line = 1160m

Core Shack Showing

HR-4 (Au)

HR-5 (Au)

B-28 (Au)

B-15 (Au)

B-7 (Au)

HR-3 (Au)

B-16 (Au)

HR-10 (Au)

HR-7 (Au)

HR-15 (Au)

HR-8 (Au)

HR-14 (Au)

HR-11 (Au)

HR-9 (Au)

HR-12 (Au)

HR-13 (Au)

B-1 (Au)

B-2 (Au)



Cheticamp - Core Shack Silver

Silver results from 1966 & 1996 Drill Programs

LEGEND

Best Silver Values
from DDH

- 1 - 10 g/t Ag
- 10 - 20 g/t Ag
- 20 - 40 g/t Ag
- 40 - 100 g/t Ag
- 100+ g/t Ag

Red Line = 1160m

HR-4 (Ag)

HR-5 (Ag)

B-28 (Ag)

HR-1 (Ag)

B-15 (Ag)

HR-3 (Ag)

HR-2 (Ag)

B-24 (Ag)

B-21 (Ag)

B-16 (Ag)

HR-7 (Ag)

HR-15 (Ag)

HR-9 (Ag)

HR-14 (Ag)

HR-11 (Ag)

HR-12 (Ag)

HR-13 (Ag)

B-1 (Ag)

B-2 (Ag)



Cheticamp - Core Shack Zinc

Zinc results from 1966 & 1996 Drill Programs

LEGEND

Best Zinc Values
from DDH

- 0.1 - 1 % Zn
- 1 - 3 % Zn
- 3 - 5 % Zn
- 5 - 7 % Zn
- 7+ % Zn

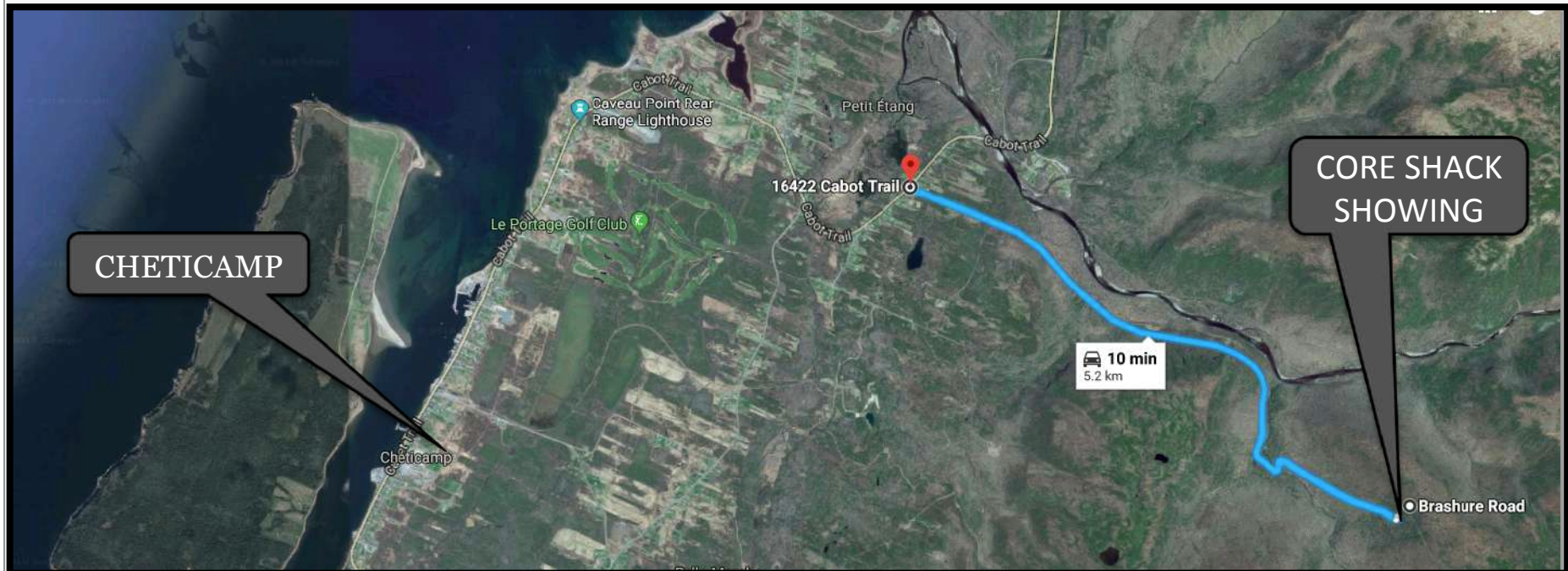


CHETICAMP GOLD PROEPRTY

Location and Access

LOCATION - NTS 11K/10B • Elevation = 300 m

The Cheticamp Gold Property is located 10 kilometers east of the village of Cheticamp and 300 meters east of Fairbault Brook in the Cape Breton Highlands. Access is made from the Cabot Trail at Petit Etang via 4x4 vehicle road south of the Cheticamp River across the Faribault Brook, a distance of approximately five kilometers.





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21Alpha Resources Inc. is a private company operating out of Chester, Nova Scotia.

21Alpha holds the rights to multiple mineral claims across the province.