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EA report

August 21,

August 21, 1964.

anner within the limit of the estimated budget of \$100,000. Working as I am at present I have no other suggestions. However, in view of the fact that we (Nascon) were heavily committed this year we were reluctant to change the plan now it is underway.

Mr. David C. Sharpstone, this has proved to be, in our opinion, 100 Bush Street, the best plan as Russell has done no sampling San Francisco 4, California, or he will for us to take a long hard U.S.A. look at this before proceeding beyond the present Mascon Drilling program. As you can imagine I was most perturbed

Dear Mr. Sharpstone: pling or mapping had been done and this has been brought into complete focus today by Russell's report. This will acknowledge your letter of July 28 and also should your report on the Ericksen-Ashby property dated August 5. It have resulted in spotting new drill sites. Jack Ives will say I regret the delay in answering these but I found myself overwhelmed with paper on my return and felt that I had to learn more about the property before replying to you.

Many thanks for your other suggestions which we will look into Dr. Beaton has just called me to say he had been talking to you and that you were asking about:

Kindest regards,

(a) Your joining us on our next trip to Ericksen-Ashby. While I appreciate your offer I feel that when you read the enclosed report written by Dr. Beaton on our behalf you will probably gain more than by a trip to the property as you probably saw more on your first trip than anyone else. As a counter-suggestion I can meet you in San Francisco or Vancouver when we return from the property on or about September 17. Actually our present plan calls for us to be in Seattle on Thursday the seventeenth. However, I will leave this entirely in your hands. We plan to go into and return from the property to Juneau on September 16.

BIFB/ew

(b) Your request to be placed on the Board of Ericksen-Ashby. This has been acted upon by telegram to the Ericksen-Ashby Board asking them to elect you as a director.

(c) Your report on the Ericksen-Ashby program. This has been read carefully and we appreciate the time and the well organized comments you have made on the work to date. May I say that the program presented by Russell and Powelson was accepted as being a fairly good one for this season. We like to think of this as Stage 1, designed to approach the prospect in a rather careful

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manner within the limit of the estimated budget of \$150,000. Looking at it now we probably should have done as you suggested. However, in view of the fact that we (Newconex) were heavily committed this year we were reluctant to change the plan once it got underway. In one sense, this has proved to be, in our opinion, probably the best plan as Russell has done no sampling or mapping and it may be well for us to take a long hard look at this before proceeding beyond the present Diamond Drilling program. As you can imagine I was most perturbed that no sampling or mapping had been done and this has been brought into complete focus today by Russell's report which states there were two faults in the adit which should have been mapped and if they had been mapped would have resulted in spotting new drill sites. Jack Ives will map and sample the adit for us and we hope we can assess the situation much better on completion of this work.

Mr. David  
100 Bush  
San Francisco  
U.S.A.

Dear Mr.

your report

overwhelmed with paper on my return and felt that I had to learn more about the property before replying to you.

Many thanks for your other suggestions which we will look into when we examine the property.

to you and that you were asking about:

Kindest regards,

Sincerely,

NEWCONEX HOLDINGS LIMITED

*M. Raul*  
B. I. F. Breakey  
President.

BIFB/mv

(a) Your joining us on our last trip to Erickson-Ashby. While I appreciate your offer I feel that when you read the enclosed report written by Dr. Russell you will probably gain more than by a trip to the property as you probably saw more on our first trip than anywhere else. As a counter-suggestion I would like to see you in San Francisco or Vancouver when we return to the property on or about September 17. Our present plan calls for us to be in Seattle on Thursday the seventeenth. However, I will leave this entirely in your hands. We plan to go into and return from the property to Juneau on September 16.

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ERICKSEN-ASHBY MINES LIMITED

*file reports*

FOREWORD

Messrs Knutson, Ives and Beaton spent parts of July 25th and 26th at the Ericksen-Ashby operation. Recent surface strippings and the underground workings were examined, mine plans were studied and exploration was discussed with Mr. Russell and Mr. Waller.

SURFACE EXPLORATION

The zone of mineralization located this season by Mr. Waller is quite extensive. This is south of No.5 Zone and is, mainly, heavily stained cherty carbonate carrying rhodonite, pyrrhotite, pyrite, sphalerite, and galena. This resembles the outcrop of No.3 Zone.

Five short holes drilled with the Winkie machine in this vicinity gave inconclusive results.

This area should be mapped in detail, opened up to fresh rock with a gasoline plugger if possible, and carefully sampled. Data may prove useful in assessing Zones No.4, No.5, and No.7 and could be of aid in planning work for 1965.

Mr. Russell said that the fault structure postulated by Mr. Bernius is not correct. A report on Russell's findings in this regard should be requested.

UNDERGROUND EXPLORATION

1. The adit portal is at the base of a very steep rock face some hundreds of feet high. Blasting and frost action could cause dangerous rock falls. The dump is on talus at

the angle of repose so can be expected to settle and even slide away next spring. Construction of a rock-slide shed anchored to the wall should be considered. This may be suitable for housing the compressors and portal shop next season.

2. The adit is near the hanging wall of the band of carbonate-chert rocks. An attempt to swing this drive towards the down-dip projection of the best grade find on surface, Zone No.1 or Main, was abandoned when faulted ground trending at  $45^{\circ}$  to the crosscut was encountered.

3. The adit was continued as a line-drive and on July 25th the face was 365 ft. from the portal. Two diamond drill stations had been cut but it is doubtful if these are adequate for the surface drill to be used. The proposed final length is 465 ft. with a large diamond drill station at the end. The adit was allowed to climb so that the miners rode the loaded car to the portal at a good speed but two men had difficulty in tramping an empty car back to the face. This could cause difficulties when trains are in use. Before the contractor is paid off, a level survey should determine whether or not parts of the bottom must be lowered to meet standard mining requirements.

4. A sump is to be made at the crosscut to conserve diamond drilling water.

5. When the diesel engine is running underground it is imperative that adequate ventilation supplies fresh air and removes noxious fumes. Electric lights at the drill could be connected so that these extinguish the moment the fan and/or compressors stop. The mine inspector would, no doubt, consider ventilation the responsibility of Ericksen-Ashby.

6. As the adit was not washed, the nature of the mineralized zone encountered was seen only by chipping. The few samples

taken and descriptions by Russell are very encouraging but wholly inadequate. Each face should have been mapped and sampled. This could have been done so as to cause very little delay to the contractors and would be of material aid in planning additional work. All of the underground workings must now be thoroughly washed down and mapped. Mineralization must be back sampled.

7. A crushing, grinding and quartering plant to treat bulk samples and drill cores is not recommended at this time.

8. An examination of mine plans now in use revealed serious discrepancies in the location of No.1 Zone. In addition, Plate No.1 drawn by Bernius shows the horizontal distance between the south end of Zone No.1 and the north end of Zone No.2 to be 360 feet., whereas the Terratest plan made from the C.M.& S. map of October 1951 indicates this distance to be 900 ft. A transit survey tying Zones No.1, No.2, No.3, and No.6 to the adit is suggested. Long drill holes should be positioned by transit.

9. Since the present mining contract is nearing completion and all operations will have to be terminated early in October, it is recommended that the carbonate-chert zone be investigated by drilling during August and September. A programme, subject to change as cores are logged, is suggested as follows:-

#### TARGET

No.1 Zone - First hole should be collared at the end of the adit and aimed for the projection of No.1 Zone to the adit horizon. If this is negative, flat holes to the south and north could test for possible plunge. In the event of these all being negative, holes should prospect for this zone between the outcrop and the adit horizon. Since this is the best grade lens known to date, its size and metal content could have a serious bearing on future exploration.

No.3 Zone - Holes collared near the portal could find the extent and grade of this lens.

Adit Zone - If sampling shows this to be near ore grade, lateral holes from the adit, either drilled with an air-leg or diamond drill, should obtain data on the full width and metal content.

No.6 Zone and No.2 Zone are not amenable to test-drilling from the adit.

Carbonate-chert Formation - Flat holes to the northeast and southwest from the drill stations and the crosscut to prospect the carbonate-chert horizon and the volcanic hanging wall are recommended.

#### GENERAL

##### BUDGET

As work during August and September will be diamond drilling, rock trenching, mapping and sampling, costs can best be estimated by management having access to contracts, salary scales, and camp costs.

##### WINTER STORAGE

Decisions regarding the storing of compressors, generators, rock drills, diamond drill, pumps, pipe lines, and camp equipment can best be made by those who have seen this mountain face during early spring.

#### REMARKS

Mineralization seen on surface and underground, the results of the few samples taken to date and the geological

structures are highly encouraging.

Data available by the end of this season's work will, no doubt, aid in deciding

(a) whether the carbonate-chert horizons in which Zones No.5, No.4, Waller, No.7, and Zones No.3, No.1, No.2, and No.6 occur warrant thorough exploration by systematic drilling from adits

(b) if further development should be confined to zones which outcrop

(c) if this project should be abandoned.

*N. S. Beaton*

Toronto, Ontario  
August 6, 1964.