

W. Hampton

015980

Anvil Mining Corporation Limited

To Colin H. Macdonald From R. E. Thurmond

Subject Pennebaker's Commentary Date November 17, 1969

*11/17/69
MOH
A. Crowder*

Dear Colin:

I am enclosing a letter from Pennebaker which was written as a commentary on Gondi's exploration recommendations dated September 11.

I would appreciate your forwarding this letter to Murry and Gondi and discussing the contents there with them.

Mainly, I agree with Pennebaker's remarks. I believe that we should be thinking about the possibility of obtaining one NQ Wire Line Drill on a contract basis, starting in the early spring, for continuous drilling in the immediate vicinity of the Faro Ore Body. The purpose of this drilling should be to attempt to expand the ore reserve to better evaluate the quantity of ore to be considered in a smelting feasibility study. Additionally, I would be favorably inclined along the lines of some drilling to test out Pennebaker's idea about a high copper section of the ore body.

Perhaps you could proceed in due course to obtain proposals from drilling contractors to this end.

Very truly yours,

R. E. Thurmond

R. E. Thurmond

RET:lf
Enclosure

*11/17/69
MOH
A. Crowder
for Murry and Gondi
for Pennebaker's letter
for Murry and Gondi
for Pennebaker's letter
for Murry and Gondi
for Pennebaker's letter*

Mr. R. E. Thurmond - 2 - November 4, 1969

2. Where an increase of copper occurs it is usually:
 - a. Near the bottom of the zinc-lead zone, or
 - b. At its ends, or
 - c. Detached, but nearby to one side.

It is interesting to note that regardless of the preferred theory concerning the mode of origin of the particular zinc-lead deposit described, the increase in copper is found in one of these same relative positions.

Inasmuch as we have apparently not drilled out Faro No. 1 ore body to its northwest end, drilling should be resumed here.

Also, Faro No. 2 has not been followed out to its southeast end. I propose that drilling be resumed here.

Furthermore, the flanks of Faro No. 2 and No. 3 have not been delimited. This should be done, and such drilling should be continued by deep flank holes beyond the edges so determined.

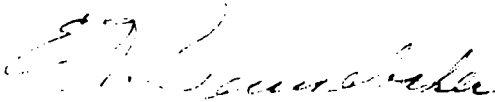
I think that this is the way to search for nearby copper ore bodies, and these may also be richer in silver than is the nearby zinc-lead zone.

So far as our property holdings permit, we should follow a similar procedure in the Van Gorda and other known mineralized areas.

In general I agree with Mr. Gondi's proposals, but I believe they should be deferred in favor of the above, except for the annual work requirements.

With kindest regards,

Yours sincerely


E. N. Pennebaker

ENP:mc

cc - Mr. R. E. Thurmond, CANADA

E. N. PENNEBAKER
CONSULTANT GEOLOGIST
P. O. BOX 817
SCOTTSDALE, ARIZONA
85252

Office: 23 East First Street

November 4, 1969

Mr. R. E. Thurmond
Vice President and General Manager
Anvil Mining Corporation Limited
523 West Sixth Street
Los Angeles, California 90014

Dear Bob:

Thank you for your letter of October 24, 1969, accompanied by the exploration report of J. Gondi dated September 11, 1969.

Mr. Gondi's report was read with much interest, and I think he has done a good job. His report reflects some new ideas, and I am wondering if a revised edition of the generalized geologic map ----- WX-18 ----- might not be in order (also showing all of the claim groups that he mentions).

My thought is that the Faro mineralized zone should receive saturation drilling as soon as possible, delaying other projects except where annual work requirements need to be fulfilled. To date the Faro is the major zone of mineralization found in the Ross River mining district, and to date it has not been delimited. (See my report dated October 11, 1967.)

During the past two years I have done library research on the following proposition:

Given a stratiform zinc-lead ore body, such as the Faro, (1) what are the chances of finding a nearby copper ore body (such as that occurring at Mt. Isa)? And, (2) where should the search be conducted?

1. My work indicates that the chances are reasonably good if the zinc-lead ore body contains an appreciable amount of copper as does the Faro ore body (where it amounts to about 2½ pounds per ton).

ANVIL MINING CORPORATION LIMITED

From: **C. H. Macdonald** Date.....

To: M.O.H.

Please note E.N.P.
remarks re Faro
Drilling. Would you
please review this and
advise what sized
program would satisfy
E.N.P.'s proposal for
investigation of this
area.



CHM

TELEPHONE 945-8352 CODE 602
RESIDENCE 945-6968

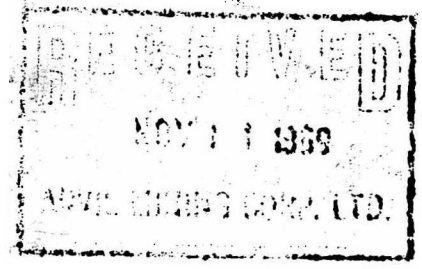
*Mountains
Pennebaker
copy for M.O.H*

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C
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Mr. R. E. Thurmond - 2 - November 4, 1969

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Yours sincerely



E. N. Pennebaker

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cc - Mr. R. E. Thurmond, CANADA

may be to schedule sufficient work on one or more outlying groups to cover the assessment for say 3 or 4 years and the minimum on others and in this way on a rotational basis gradually thoroughly explore the lot.

Virtually all defined drill targets on most of the groups have been exhausted. Further geophysics could be done in an attempt to outline new targets or it may actually be more productive, in areas thought to be favorable, to drill strictly for geologic knowledge which might aid in spotting later holes. Such a "wildcat" hole might also hit an ore body on pure chance. In favor of drilling without further geophysics is the fact that all drilling costs can be declared as representative work while on most of our properties geophysical expenditures are no longer acceptable (one exception Crown until Feb. 17, 1970).

I believe a meeting should be held in the very near future to discuss the whole exploration picture and formulate a policy.



M. O. Hampton
Chief Engineer

MOH/kd

cc. R. E. Thurmond
J. F. Oik
J. Gondi ←

DRILLING ON ORE BODY:-

Ref: Pennebaker's map & nos.

- 101 - 750'
- 113 - 750'
- 117 - 650'
- 119 - 550'
- 111 - 750'
- 114 - 750'
- 118 - 900'
- 110 - 650'
- 103 - 650'
- 108 - 650'
- 106 - 300'

TOTAL FOOTAGE - 7,350 FEET.

Budget - \$100,000

1 NR wire line machine.

\$100,000. ⁰⁰ would allow
only 6,000 feet of
drilling.