

KERR-ADDISON GOLD MINES LIM
44 KING STREET WEST
TORONTO 1, ONTARIO

File 94 M.

Evenson:- Barite Deposit

Mile 548 Alaska Highway

Nov 7 1963

820031

94 M

	K.C.G.
	G.M.M.
	R.D.S.
	B.C.B.
✓	P.M.K.
	C.M.M.
	F.O.C.
	H.A.P.
	I.B.S.
	G.P.R.
	E.L.D.
	J.L.B.
	E.C.I.
	D.V.B.

November 6,
er 7th, 1963.

Mr. Seymour Evenson,
9804 - 103rd Street,
Edmonton, Alberta.

Dear Mr. Evenson :

The purpose of this letter is to advise that Kerr-Addison would not, for the time being at least, be prepared to explore your barite property located near Mile 548 on the Alaska Highway. This decision arises, at least in part, from the fact that Kerr-Addison, through the affiliation with Prospectors Airways, already has an interest in a barite deposit closer to the current market.

We very much appreciate your presenting this situation to Mr. Kulan and we hope that you will be able to make a satisfactory arrangement for this property in the near future.

Yours very truly,

William M. Sirola.

WMS/iw.
c.c. P.M.K.

C
O
P
Y

GW:im
Encl.
cc: W. H. Sirola

William M. Sirola
Superior Geologist - Exploration

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To P. M. Kavanagh ✓ From C. K. Wilton

Subject Barite prospect---Mile 548 on Alaska Highway Date November 6, 1963.

The attached "summary of information affecting Barite deposit at Mile 397, Alaska Highway" lists the data pertaining to that deposit.

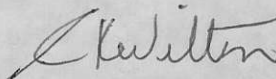
The barite deposit at Mile 548 appears to be less attractive than the Mile 397 deposit as indicated by the following table

<u>Mile 548 barite prospect</u>	<u>Mile 397 barite prospect</u>
7 miles from the Alaska highway	450' from the Alaska highway
grab sample of surface material assayed 85.40% barite	5 large chips sample from surface assayed 92.5% barite
25' wide, dip steep	140' long, 120' wide, 190' thick
open pit mining of appreciable tonnage not feasible	open pit mining of 200,000 tons feasible
500 miles from Ft. St. John market	350 miles from Fort St. John market

The Ft. St. John area market for barite was estimated in 1959 to be 2,000 to 5,000 tons per year.

Since oil-well drilling footage in British Columbia, presumably almost all in the Ft. St. John area, increased from 610,000 feet in 1959 to 1,074,000 feet in 1961 and to 1,554,000 feet in 1962 it appears that the market for barite has probably increased proportionately. Future market requirements for barite in northeastern B.C. depend on the oil-well drilling footage in that area.

There seems to be no reason to show further interest in the barite prospect at mile 548 at this time.



C. K. Wilton,
Senior Geologist - Exploration

CKW:jm
Encl.
cc: W. M. Sirola

REFERENCE MEMORANDUM

DATE Nov. 6 1963

THE ATTACHED PAPERS ARE REFERRED

TO PMK
 BY CKW

- | | | | |
|-----------------------|--------------------------|---------------|--------------------------|
| PLEASE REPLY DIRECT | <input type="checkbox"/> | PLEASE HANDLE | <input type="checkbox"/> |
| PLEASE SEE ME RE THIS | <input type="checkbox"/> | YOUR COMMENTS | <input type="checkbox"/> |
| FOR YOUR INFORMATION | <input type="checkbox"/> | FOR APPROVAL | <input type="checkbox"/> |
| PLEASE RETAIN | <input type="checkbox"/> | PLEASE RETURN | <input type="checkbox"/> |

I suggest that the information sheet on the P.A. laite deposit at mileage 397 be forwarded to Sirola. There are other spare copies in the P.A. file if you want one attached to our copy of this memo
 CKW

REFERENCE MEMORANDUM

DATE Nov. 7 1963

THE ATTACHED PAPERS ARE REFERRED

TO PMK
 BY CKW

- | | | | |
|-----------------------|--------------------------|---------------|--------------------------|
| PLEASE REPLY DIRECT | <input type="checkbox"/> | PLEASE HANDLE | <input type="checkbox"/> |
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| PLEASE RETAIN | <input type="checkbox"/> | PLEASE RETURN | <input type="checkbox"/> |

Sirola called because he was being pressed for an answer. I gave him the gist of my memo and agreed he could safely decline further interest
 CKW

OCT 30 1963

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

W.S.R.
K.C.G.
G.H.M.
R.D.S.
B.C.B.
P.M.K.
C.V.M.
F.C.C.
H.A.P.
J.R.S.
G.P.R.
E.L.D.
J.H.B.
E.C.J.
D.V.B.

To P.M. KAVANAGH From W.M. SIROLA

Subject BARITE PROSPECT - , MILE 548 on ALASKA HIGHWAY. Date October 29th, 1963.

On his way to Vancouver, A. Kulan talked to Seymour Evenson in Watson Lake and Seymour loaned Al a report on a barite prospect near Mile 548 on the Alaska Highway. A copy of this report is enclosed.

Since I have no effective yardstick for comparing this property with that already held by Prospectors Airways, I pass it along to you so that you can make the comparison for yourself.

The deal wanted by Evenson is as follows:

A total purchase price of \$50,000. payable in the following manner :

- \$ 2,000. on signing of Option Agreement.
- \$ 3,000. one year after option is signed.
- \$10,000. two years " " " "
- Balance three years " " " "

Al tells me that Evenson showed him a letter from the Macobar people in Calgary offering Evenson \$1,000. down and \$1. per ton royalty. Evenson has, apparently, declined this offer.

Of some potential interest is the lead/silver content of the barite. We know very little about this but a selected sample ran 12.20% lead and 1.40 ozs. per ton in silver. This is, of course, a very low ratio of silver/lead, and, perhaps, the economic significance is negligible.

KERR-ADDISON GOLD MINES LIMITED

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To.....From.....

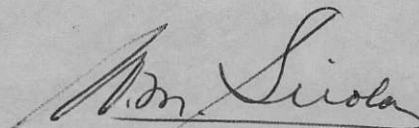
Subject.....Date.....

contd..

- 2 -

Evenson is, apparently, on his way to Edmonton and his address there is, 9804 - 103rd Street. The telephone number is, Gardner 4-2215.

The deposit would have to be mined by underground methods and I think would have to be beneficiated to raise the grade to acceptable standards.



William M. Sirola.

WMS./iw.



OCT 30 1963

REPORT ON A BARITE PROSPECT
NEAR MILE 548 ON THE ALASKA HIGHWAY
LIARD MINING DIVISION, B.C.

INTRODUCTION

I was retained by Mr. Gordon B. Smith to examine and report on a barite prospect staked by Mr. S. Evenson of Watson Lake, Y.T. The examination was carried out on 15 October 1962.

PROPERTY, LOCATION AND ACCESS

The property consists of four lode claims in the Liard Mining Division of British Columbia. They are numbered 389833, 34, 35, 36 and named Winfall 1, 2, 3, 4. They are staked and recorded in September, 1962.

The claims are located 7 miles north of mileage 548 on the Alaska Highway. They are best reached by a footpath which leaves the highway at a trapper's cabin at mile 548.3. A stranger would need a guide and for this purpose, I recommend either Mr. S. Evenson or Pete Allen, both of Watson Lake. Alternate access may be had by air to a small lake about two miles west of the property.

GENERAL GEOLOGY

The property lies in a belt of sedimentary rocks mapped as Devonian by Williams (1944). A recent Preliminary Series Map, No. 2-1961, Rabbit River has been published by the Geological Survey of Canada. This map with geology by H. Gabrielse covers the geology of the area on a scale of 1" = 4 miles.

The only rock seen in the vicinity of the barite outcrop was a dark thin-bedded argillite, but where seen it is brecciated and closely intruded by quartz and barite veinlets.

GEOLOGY OF THE BARITE DEPOSIT

1.5
9
22
25
58.5

The main exposure of barite occurs on a low south-facing scarp at the end of a low ridge trending northeast-southwest. This exposure is 80 feet wide with a true width of about 60 feet. The zone consists of two veins and an inclusion of argillite country rock striking N 60 E and dipping 90 degrees. On the north side of the zone there is 18 inches of shale with quartz and barite veinlets. Next to the south there is 9 feet of barite with some galena. Then there is 22 feet of brecciated argillite with quartz and barite veinlets. South of this inclusion there is 25 feet of massive barite. All the above widths are estimated true widths.

I took closely spaced chip samples across the two barite zones. Material from the barite-galena zone has a specific gravity of 4.2 and that from the main barite zone has a specific gravity of 4.3.

Mr. Evenson reports that grab samples of galena-rich material contained about one ounce of silver per ton.

It is not possible to trace the veins along the ridge to the northeast because the strike diverges from the trend of the ridge by 20-30 degrees. However, there are several small barite outcrops in brecciated argillite along the ridge for three hundred feet. They appear to be isolated from the main vein.

Barite and brecciated argillite outcrop 400 feet southwest of the main exposure on a continuation of the ridge. The intervening ground is low and swampy and drains into a beaver pond immediately to the west.

In summary, there is a length of 700 feet along which barite occurs in veins or as small inclusions in the enclosing shale. The maximum observed width is 25 feet in the main outcrop.

CONCLUSIONS:

This is a barite occurrence of possible economic significance. It will be necessary to explore south of the ridge and under the swamp between the two outcrop areas. Lead and silver are not important in the observed and assayed amounts.

The deposit would be easy to explore. A tractor road would suffice for the first stage of exploration which should consist of 600 feet of diamond drilling. Drilling would be least expensive in the winter when the tractor road would be most easily built. Water is available within 300 feet of all possible drill sites. Costs for an initial program would be approximately \$6,000.00 broken down as follows:

600 feet diamond drilling	\$3,000.00
Seven miles winter road	2,000.00
Supervision and testing	1,000.00

Additional drilling might be necessary if the results of the first stage were encouraging.

The building of a permanent truck road should pose no problem. There are no major streams and the terrain rises gently from the highway to the deposit.

"E. R. Mead"

E. R. Mead, P. Geol.
Consulting Geologist.

Edmonton, Alberta.
19th October, 1962.

C
O
P
Y

THE WARNOCK HERSEY COMPANY LTD.

9529 - 63rd Avenue,
Edmonton, Alberta

Western Division

Report 6161/E62/143-2

October 4th, 1962

Mr. Gordon Smith,
12223 - 103rd Street,
Edmonton, Alberta.

Dear Mr. Smith:

We confirm assay results received from our
Winnipeg office on your Sample No. 2:

Barite	-	82.90%
Silver	-	1.40 oz/ton
Lead	-	12.20%

Yours truly,

THE WARNOCK HERSEY COMPANY LTD.

"L. A. Tupper"

L. A. Tupper, P. Eng.
Manager, Western Division

/fhm

C
O
P
Y

THE WARNOCK HERSEY COMPANY LTD.

9529 - 63rd Avenue,
Edmonton, Alberta

Western Division

Report 6161/E62/143-1

September 13, 1962

Mr. Gordon Smith,
12223 - 103rd Street
Edmonton, Alberta

Dear Mr. Smith:

We confirm assay result received from our
Winnipeg office on September 12th, 1962 as follows:

Barium (Barium Sulphate) - 85.40%

Yours truly,

THE WARNOCK HERSEY COMPANY LTD.

"L. A. Tupper"

L. A. Tupper, P. Eng.
Manager, Western Division.

/FHM