

825708

of Be 12 JAN 10 1966

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

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

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

Subject..... CHUTINE RIVER GROUP..... 104B..... Date..... January 7th, 1966.....

I contacted Jack Strath by telephone this morning, and he advises that they do have a Hiller 12E available in Stewart. He stresses, however, that there is very little flying weather at this time of year, and recommends that any contemplated work be put off till March if at all possible.

I would estimate the cost of doing this work out of Stewart to be \$2,000.

The Elsec magnetometer appears to be functioning well on the ground, and we expect to test it again in a Hiller on Monday, January 10th.

In discussion I had with Sirola in Vancouver on Jan. 11/66 if was decided that we would consider fitting in this survey this year if convenient. Sirola pointed out that even the survey might be difficult to carry out because of the rough glaciated terrain. This whole situation doesn't really look very attractive to pursue, unfortunately.

*P.M.K.
Jan 17/66*

WMS:iw

Wm. Sirola
William M. Sirola.

ops 30 12.

KERR ADDISON MINES LIMITED

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- | |
|----------|
| W.S.R. |
| K.C.G. |
| J.H.S. |
| E.F. |
| R.D.S. |
| B.C.B. |
| P.M.K. ✓ |
| G.W.M. |
| R.O.M. |
| C.K.W. |
| J.B.S. |
| G.P.R. |
| K.F.L. |
| J.R. |
| E.C.J. |

To W. M. Sirola

From P. M. Kavanagh

Subject Chutine River Group

Date January 4, 1966

This is prompted by your memorandum of December 29th.

Would you please find out whether a helicopter is available at Stewart. If so, would you estimate the cost of the job using a Stewart-based helicopter.

Please also let me know, Bill, how the Elsec functioned in last week's dry runs.

If no helicopter is available at Stewart, then it must be ferried from Terrace, and I would estimate the cost of the survey at approximately \$2,500.00.

Paul M. Kavanagh,
Chief Geologist - Exploration

PMK:jk

William M. Sirola

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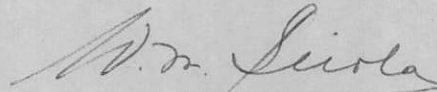
Rec'd Dec 30/65

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

Subject..... CHUTINE RIVER GROUP. Date..... December 29th, 1965.

The cost of doing an aeromagnetic survey over this group is dependent largely on the availability of a suitable helicopter. It is further dependent on weather conditions at the time.

If no helicopter is available at Stewart, then it must be ferried from Terrace, and I would then estimate the cost of the survey at approximately \$2,500.00. This presupposes, of course, that we can get our gear functioning as it should. We should know in a few days' time whether our current efforts have resolved the problem.



William M. Sirola.

WMS:iw.

of Be 12.

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W.S.R.
✓ K.C.G.
✓ J.H.S. ✓
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✓ P.M.K. ✓
G.W.M.
R.O.M.
C.K.W.
J.B.S.
G.P.R.
K.F.L.
J.I.B.
○ E.C.J.

To W. M. Sirola

From P. M. Kavanagh

Subject Chutine River Group

Date December 22, 1965

I forgot to mention over the phone yesterday that we here in the Toronto office have been impressed, as you thought we would be, by the formidable location of this property as vividly described and depicted in Clyde's report; and we doubt whether we should do anything more with it.

However, we would be interested in learning from you what you would estimate the cost of an adequate aeromagnetic survey over the property to be. I would appreciate it if you could let me know this information as soon as possible.

Paul M. Kavanagh
Chief Geologist - Exploration

PMK:jk

KERR-ADDISON GOLD MINES LTD.

MEMO

VANCOUVER OFFICE

DATE

Nov. 23/65

TO:

PMK

FROM:

WMS

SUBJECT:

CHATINE R. PROJECT

These maps are actually for the Spanow A. project but you should study these maps & photos which pertain to the Chatine project in connection with my memorandum.

The Spanow Creek Reports will follow shortly and the maps should ^{be} _{in} inserted therein.

WMS

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

OR BC 12
NOV 29 1965

To P.M. Kavanagh. From W.M. Sirola. *See Also map & report etc*
Subject Chutine River Group (BC-12), Stikine River Area. Date November 22nd, 1965.

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

This memorandum will amplify our thinking on this project.

The first problem is, of course, to locate the source of the float. We have, up to now, assumed that there were two possible sources: (1) the rusty area on the limestone granite contact on the east wall of the cirque, and (2) a roof pendant buried beneath the glacier. We now think it is quite likely that the source is beneath the glacier, and that it is being actively eroded at the present time.

The difficulty in locating the source arises from the fact that while Max Martin was able to carry out one dip needle traverse along the east side of the cirque, the whole central portion is so crevassed as to be almost totally inaccessible.

The only procedure I can think of that might work would be to have a helicopter flying at minimum speed along pre-determined traverse lines within the cirque. Apparently Okanagan do have a special Hiller with an "L" head which is designed for hovering on power-line work. This machine is based in Terrace. If the helicopter could be made to fly at 20 or 30 miles per hour, then perhaps a reasonable picture could be developed of any magnetic anomaly which might exist beneath the glacial ice. Assuming that a large, well-defined anomaly could be located by this method, the next problem would be to find a way of setting up a drilling platform on the crevassed surface of the glacier. If this could be done, then we would have to plan on drilling through 500 feet, or so, of ice to reach the target.

Assuming that a successful drilling programme could be conducted, then an adit would have to be driven from the Triumph Creek side, a distance of 3 miles. Since the top of the glacial ice is at 5,000 ft., then if the ice is 500 ft. thick the top of the mineralization would be at elevation 4,500 ft. The adit could be collared at elevation 4,000 ft., thereby providing 500 ft. of backs.

If the float mineralization emanates from the apparent outcrop at elevation 6,000 ft. on the east side of the cirque, then perhaps 1,000 ft. of backs could be attained by driving from the 4,000 ft. contour on the Pendant Creek side. Again, the length of such an adit would be approximately 3 miles. The cost of such an adit in that area would be approximately \$1,500,000 - \$2,000,000.

KERR ADDISON MINES LIMITED

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

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

contd..

- 2 -

I have talked with John Gable regarding the possibility of drilling in the centre of the glacier, and he tells me that they have never undertaken a programme quite as hazardous as that. They have drilled in places like Granduc, but always on solid ice. If the main anomalous zone happened to occur on either the east or west flanks of the glacier, then the problem would be less acute since the ice is more solid on the edges of the glacier.

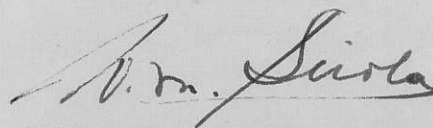
Our staking on this situation was based primarily on the seemingly logical premise that the float was emanating from the limestone granite contact which can be seen on the east wall of the cirque. The rusty area on that contact, together with the fact that Max Martin's dip needle survey indicated increased magnetism in that direction, seemed to enhance this thinking. If, however, the source is in the centre or west side of the glacier, we are not adequately protected.

It must be realized that if an underground mining project were undertaken in this area, it would be justifiable only if the target were very large. Everything for this project would have to be flown in by a combination of fixed wing and helicopter, and the cost would be extremely high.

The Stikine River will not accommodate anything but very shallow draft boats, and there is not even a possibility of barging concentrates to Wrangell. Consequently, a road would have to be envisioned from the property along the Chutine River to the Stikine, and then along the west side of the Stikine to Wrangell.

To put this situation into its proper perspective, perhaps we should think of it as being Granduc-type of deposit with perhaps twice the physical hazard and transportation problems. The alternates to doing nothing on the property and simply allowing the claims to lapse would be to increase our holdings to protect the entire cirque, or launching into a definite exploration programme. We would have to add an additional twelve claims to have adequate coverage of the whole of the cirque.

The safe thing to do is to increase our claim holdings to forty-eight, and in the process of so doing, to carry out an aeromagnetic survey of the area. If no obvious targets developed from this work, then at least we are more justified in adopting a negative attitude.



William M. Sirola.

KERR ADDISON MINES LIMITED

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B Be 12.

- W.S.R.
- K.C.G.
- J.H.S.
- E.F.
- R.D.S.
- P.M.K. ✓
- G.W.M.
- R.O.M.
- C.K.W.
- J.B.S.
- G.P.R.
- K.F.L.
- (E.S.)

To W. M. Sirole From P. M. Kavanagh
Subject Chutine River Group Date November 16th, 1965

I note in your October monthly report that you don't feel any more attention should be paid to this situation.

I am most interested in receiving your detailed presentation.



Paul M. Kavanagh.
Chief Geologist - Exploration.

PMK:sw

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

af BC/12.

- W.S.R.
- K.C.G.
- J.H.S.
- E.F.
- R.D.S.
- B.C.B.
- P.M.K. ✓
- G.W.M.
- R.O.M.
- C.K.W.
- J.B.S.
- G.P.R.
- K.F.L.
- E.C.J.

To..... W. M. Sirola From..... P. M. Kavanagh

Subject..... Chutine River Group. Date..... October 12th., 1965

When I was on the phone with you a few minutes ago I completely forgot to mention the assay results which we received this morning from the sample we submitted from the Chutine River Group. The 7.20% copper assay is in my mind quite representative of the visual grade of the material. I have of course not seen the exact specimen which you submitted for assay, but if it was similar to the two hand specimens you sent here then, keeping the 7.20% assay in mind, I would suggest that the Eldridge assay is a bad one.

Attached is a copy of the T.S.L. assay sheet.

PMK

Paul M. Kavanagh
Chief Geologist - Exploration.

PMK:sw

Enc.



OCT 12 1965

- CHEMICAL RESEARCH AND ANALYSIS
- INSTRUMENT SALES AND SERVICE

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 2B, ONT., CANADA

TELEPHONE: 362-4248 - AREA 416

Representing . . .
 JARRELL-ASH COMPANY
 HILGER & WATTS LIMITED
 SADTLER RESEARCH
 ULTRA CARBON CORPORATION

CERTIFICATE OF ANALYSIS

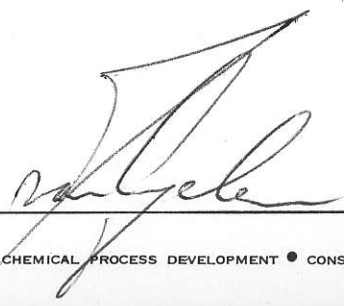
SAMPLE(S) FROM Kerr Addison Mines Ltd.,
 1600 - 44 King St. W.,
 Toronto 1, Ontario.

REPORT NO.
C-51008-12
T-00330

SAMPLE(S) OF ROCK NO. 452

Gold (Au)(oz:t)	.14
Silver (Ag)(oz:t)	2.34
Copper (Cu) %	7.20

DATE October 8, 1965

SIGNED 



KERR ADDISON MINES LIMITED

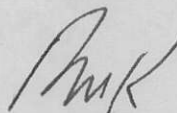
(FOR INTER-OFFICE USE ONLY)

To..... W. M. Sirola From..... P. M. Kavanagh

Subject..... Chutine River Group Date..... October 6th, 1965

W.S.R.
✓ K.C.G.
J.H.S. ✓
E.F.
R.D.S.
B.C.B.
P.M.K. ✓
G.W.M.
R.O.M.
C.K.W.
J.B.S.
G.P.R.
K.F.L.
J.B.
○ E.C.J.

I have your memorandum of October 4th on this subject, and I just want to advise you that just as a check we are having one of the two specimens you sent here assayed for copper, gold and silver at the T.S.L. lab in Toronto. I will of course pass on the assay results to you.



Paul M. Kavanagh
Chief Geologist - Exploration

PMK:sw

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

OCT 6 1965

To P.M. KAVANAGH.

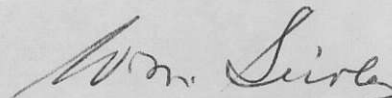
From W.M. SIROLA.

Subject CHUTINE RIVER GROUP, B.C.

Date October 4th, 1965.

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

The sample submitted to Coast Eldridge's for assay was roughly comparable to the two specimens you have in Toronto. Needless to say we were quite surprised that the assay of 2.73% Cu quoted by Eldridge was not higher. However, upon very close scrutiny with a hand lense of several specimens remaining in this office, I am inclined to think that the analysis is correct. This suggests to me that the average grade of the float found might only be in the order of 1.4% copper. This being the case, the wisdom of tackling this claim group under very adverse physical conditions is questionable. However, we will submit maps and sketches together with our recommendations in the near future.



William M. Sirola.

WMS:iw.

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

of Be 12

New file

To W. M. Sirola From P. M. Kavanagh
Subject Chutine River Group Date September 29th, 1965

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

I wish you would advise me whether the sample you submitted for assay was comparable to the two specimens you sent to the Toronto office. The assay result of 2.73% Cu. is a much lower assay than I would expect the material you sent to the Toronto office to have.

Paul M. Kavanagh
Chief Geologist - Exploration.

PMK:sw

Mine M.G. - TRIUMPH
 Date SEPT. 15, 1965
 Hole No. _____

Sample No. 154

From _____ To _____

Sample Length _____

Remarks GRAB SAMPLE
MAX MARTIN FIND
57° 45' & 132° 12'

Assay for Cu, Ag, Au

NORTHERN MINER PRESS - FORM 509

Signed C. L. Smith



Certificate of Assay
COAST ELDRIDGE
ENGINEERS & CHEMISTS LTD.

W.O. P. N. Cavanagh
 125 EAST 4TH AVE. VANCOUVER 10, CANADA

_____ing are the results of assays made by us upon submitted Ore _____ samples

	GOLD	SILVER	Copper (Cu)						
	VALUE PER TON	OUNCES PER TON	PER CENT.	PER CENT.					
trace	\$	1.0	2.73						

Gold calculated at \$ _____ per ounce

Note. Rejects retained one week.
 Pulps retained one month.
 Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gains inherent in the fire assay process.



08 Be SEP 28 1965

PHONE: 876-4111

CABLE ADDRESS "ELDRICO"

FILE NO. **A.3-K.5-65 25007**

DATE **September 27, 1965**

W.S.P.
 J.H.S.
 E.F.
 R.D.S.
 D.C.B.
 P.M.K. ✓
 G.W.M.
 R.C.M.
 C.R.W.
 J.B.S.
 G.P.R.
 K.E.L.
 J.L.B.
 (Signature)

H. Shayles

Provincial Assayer

Mine M.G. - TRIUMPH

Date SEPT. 15, 1965

Hole No. _____

Sample No. **154**

From _____ To _____

Sample Length _____

Remarks GRAB SAMPLE
MAX MARTIN FIND
57° 45' & 132° 12'

Assay for Cu, Ag, Au

NORTHERN MINER PRESS - FORM 503

Signed C. L. Smith



OP Be SEP 28 1965

PHONE: 876-4111

CABLE ADDRESS "ELDRICO"

FILE NO. A.3-K.5-65 25007

DATE September 27, 1965

To:

Kerr Addison Mines Ltd.,
 402 - 1112 W. Pender Street,
 Vancouver, B.C.

Certificate of Assay
COAST ELDRIDGE
 ENGINEERS & CHEMISTS LTD.

c.c. Ste 1600 - 44 King St. W.,
 Toronto, Ont. Attn: Mr. P. N. Cavanagh

125 EAST 4TH AVE. VANCOUVER 10, CANADA

We Herby Certify that the following are the results of assays made by us upon submitted **Ore** samples

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

MARKED	GOLD		SILVER	Copper (Cu)		PER CENT.	PER CENT.	PER CENT.	PER CENT.
	OUNCES PER TON	VALUE PER TON	OUNCES PER TON	PER CENT.	PER CENT.				
154	trace	\$	1.0	2.73					

Gold calculated at \$.....per ounce

Note. Rejects retained one week.
 Pulps retained one month.
 Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gains inherent in the fire assay process.

H. Shingles

Provincial Assayer

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

45 12/13

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

To W. M. Sirola From E. C. Jacka

Subject Chutine River Group, B.C. Date November 1st, 1965

Many thanks for Forms A and Bills of Sale re Triumph 1 - 12
& M.G. 1 - 24 claims.

E. C. Jacka

E. C. Jacka.

ECJ:sw

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

BC 12/B

OCT 28 1965

To E.C. JACKA.

From W.M. SIROLA.

Subject CHUTINE RIVER GROUP, B.C.

Date October 26th, 1965.

- W.S.R.
- K.C.G.
- J.H.S.
- E.F.
- R.D.S.
- B.C.B.
- ✓ P.M.K. ✓
- G.W.M.
- R.O.M.
- C.K.W.
- J.B.S.
- G.P.R.
- K.F.L.
- J.L.B.
- E.C.J.

Enclosed please find Form A's and Bills of Sale, Records Nos. 18957 to 18992 inclusive, re the Triumph 1 - 12 and M.G. 1 - 24 mineral claims in the Liard Mining Division.

As per Company Policy Statement No. 2, the transferee has been left unnamed.

NOT CHECKED YET

JK

J

Gene Wilson

pp. William M. Sirola.

Many thanks for Form A and Bills of Sale re Triumph 1-12 & M.G. 1-24 claims.

J

WMS:iw.
Encls: