

005219

# KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

DEC 17 1962

105/c

<input checked="" type="checkbox"/>	W.S.H.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	K.C.G.	<input checked="" type="checkbox"/>
	G.H.M.	
	R.D.S.	
	P.C.B.	
	P.M.K.	<input checked="" type="checkbox"/>
	C.V.	
	E.O.C.	
	H.A.P.	
	I.P.S.	
	G.P.R.	
	E.I.D.	
	L.B.	
	<b>ECJ</b>	
	D.V.B.	

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

Subject..... AEROMAGNETIC ANOMALY,..... Date..... December 14th, 1962.....  
 LUBBOCK RIVER SHEET  
 105  $\frac{C}{4}$

Al Kulan just telephoned to say that flying conditions at Whitehorse had prevented his doing the necessary staking on this anomaly. He will check with the Weather Office this evening and, if it looks as though the weather will not improve for a few days, he will then figure on walking in to the anomaly.

Perhaps because of the impending holiday season, there seems to be a general lethargy toward the information on these maps - both in Vancouver and in Whitehorse. This is precisely the type of frame of mind we like to have the competition in.

Rd.

Res William M. Sirola.

Mr. Row:

This refers to a group of 16 claims we have asked Kulan to stake about 8 miles east of the north end of Atlin lake to cover a thumb-print aeromagnetic anomaly shown on a Gov't map just released last week. The anomaly is over swampy ground on the edge of an acidic intrusive. It may represent a peridotite body which we would hope to be asbestos-bearing.

Encl.  
WMS:rl

P.M.K.

July 7 1963  
CAT. Group

Dear Bill,

Please find enclosed a copy of our grid on which the geochem results could be plotted.

The soil development in the area is pretty poor so if the samples kick at all, we can be pretty satisfied.

We ran about 30 ourselves and obtained moderate results (5 positive heavy metals and 9 positive Ca)

The first results we got were extremely positive but we suspected contamination so checked them again.

I will phone you when we get out on July 17<sup>th</sup>, Al has probably informed you of his visit by now.

Best regards

Robbie

We are minus the little Salmon file so I wonder if you still have it.

We have not located the magnetometer yet, hope to get it in although the arvela will probably do ( $\pm 500 \gamma$ 's). The anomalies are still expanding taking on giant proportions!

It looks as if we might need more time

→

after July 17<sup>th</sup> when we plan to come out.  
I will have a better idea then,  
we stated an additional 16 days to  
the original 8.

If possible let us know whether we can  
spend more time here or whether we have  
to go on for Little Salmon right away,

We are sending the detailed soil  
samples under separate mail

R

24th

AL. KULAN

W.M. SIROLA.

CAT GROUP.

July 10th, 1963

C  
O  
P  
Y

We have sent the soil samples to Toronto for assay and should have the results within a few days.

What we have to determine is whether or not any soil anomalies are coming from the underlying rocks, or, from transported material in the glacial till. In other words, if we can limit the soil anomalies to approximately coincide with the electrical anomalies, we have a drilling target. If, however, most of the glacial debris in that area is contaminated, we may still be dealing with underlying graphitic rocks.

We understand now that the delivery date for the Magnetometer will be, approximately, July 22nd.

I talked to Paul Kavanagh this morning, and he said, that he had not received any employment data for the two Indians who are doing the lime cutting. Would you please send that information to Toronto so that these men will receive their cheques without too much delay.

I expect to make the Canusa examination this week-end, and would hope to get to Whitehorse about July 17th. If there is any change in this date I will contact you. I would like to revue the whole situation with Wolfe, McRae and yourself before pulling them off that effort.

Regards,

William Sirola.

of c/s

# KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To..... P. M. Kavanagh..... From C. K. Wilton.....  
Subject..... Cat Group, Atlin Area, Y. T. .... Date July 23, 1963.....

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

Sirola mentioned that the crew is out of the Cat group and are still getting results. They dug a 100' trench and found some copper and lead mineralization but not in great amounts. Sirola says he has to visit the claim group. He is not too impressed by the geochemical results because they may be caused by transported material in the glacial till overburden.



C. K. Wilton,  
Senior Geologist - Exploration.

CKW:dt

ofs. e/s Cat Group 2  
105-C-4

# KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To Mr. P.M. Kavanagh From Mr. D. Crone

Subject CAT Group Yukon Territory. Date August 8th, 1963.

Large EM and S.P. anomalies in non magnetic area are probably due to graphite.

Anomaly "A" (see attached sketch) occurs on flank of magnetic high. EM indicates it is approximately 50' below surface. S.P. indicates this as an offshoot to a large, broad S.P. anomaly to the southwest. Thus the S.P. would suggest this is an extension of a further graphitic body to the southwest.

As anomaly "A" is thus of questionable merit I would like to see geochemical and further EM before drilling is considered.

W.S.R.	
K.L.A.	
S.H.A.	
C.P.S.	
P.A.K.	
CKW	✓
M.S.P.	
L.P.P.	
C.P.S.	
M.S.P.	
E.C.I.	
D.V.C.	

DC/sm.  
enc:

Duncan Crone

245

265

285

L 30 S

L 34 S

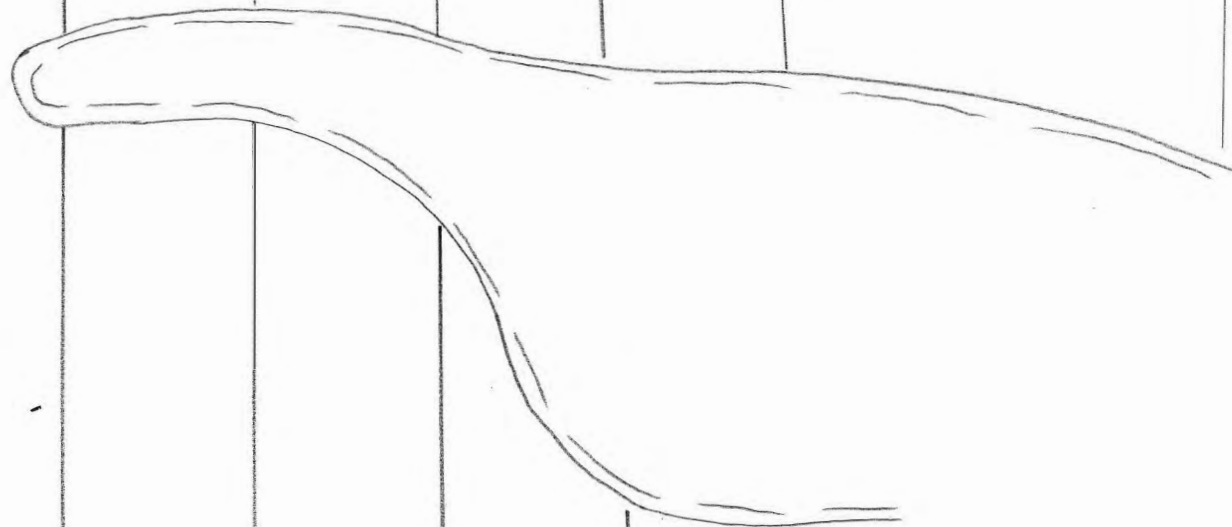
8 E



4 E

2 E

BL 2



ANOM A LY "A"

← Outline of anomaly drawn by D. Crone

2 W

4 W

Kerr Addison Gold Mines Ltd.

CAT GROUP

PART OF E.M Survey Map

Showing Anomaly "A"

Scale 1" = 200'

After Map by Wolfe

Aug 9/63

CKW

OCT 30 1963

# KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

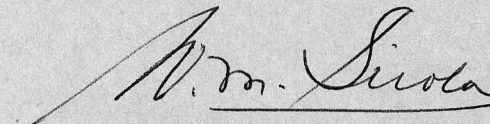
W.S.R.	
K.C.G.	
C.H.M.	
R.O.S.	
P.C.B.	
C.M.K.	
F.O.O.	
I.P.S.	
G.P.R.	
F.L.B.	
I.H.B.	
E.C.I.	
D.V.B.	

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

Subject.....CAT GROUP - ATLIN AREA, Y.T. (105-C-4).....Date.....October 29th, 1963.....

Enclosed are four letter sized sheets showing the results of self-potential, magnetic, electro-magnetic and soil sampling surveys over the anomalous area situated between lines 20 and 34 S. and adjacent to base line No. 2 on the south-west side. There is, in my opinion, sufficient correlation of the various types of anomalies to justify some drilling with a small machine such as the Winkie Drill. At first, my reaction to the geochem results was that the copper anomaly on 1 - 28 S. was caused by contamination from an S.P. electrode, but, if we connect the highest copper and zinc values, these indicate a trend very much in keeping with the other types of anomalies. I would suggest that we drill a short hole from location 4 W. on line 26 S. This hole could be drilled at minus 45° on the same bearing as line 26 S. This would undercut the E.M. and geochem anomalies. We should also give consideration to drilling the magnetic high on line 28 S. at the base line because there is an E.M. kick, of sorts, at that location and there is a geochem high 100ft. south of the magnetic high.

An alternative procedure would be to strip these locations with a bulldozer. In all probability, the overburden does not exceed 10 ft.

  
William M. Sirola.

WMS/iw,

TRENCH #2  
CARB.  
PHYLLITE

# SELF-POTENTIAL SURVEY (IN MILLIVOLTS)

## CAT GROUP - ATLIN DIST. YT.



GREY  
CHEST

LAKE

TRENCH #4  
NO  
BEDROCK

TRENCH #5  
NO  
BEDROCK

TRENCH #6  
NO  
BEDROCK

AREA UNDERLAIN BY BLACK CHEST

1" = 200'

# DUAL FREQUENCY E.M. SURVEY CAT GROUP - ATLIN DIST. Y.T.

L 205

L 225

L 245

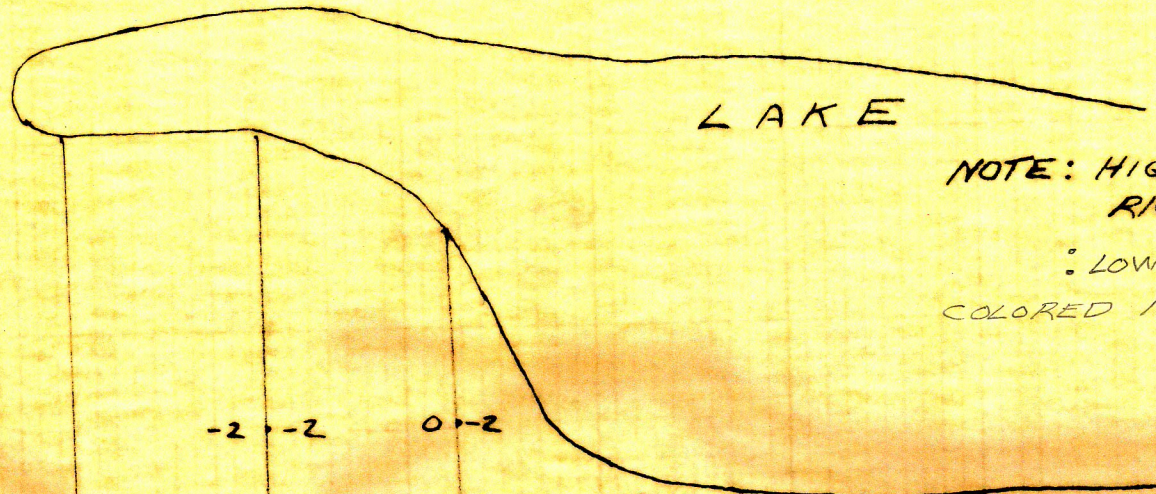
L 265

L 285

L 305

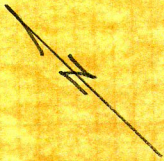
L 325

L 345



NOTE: HIGH FREQ. IN  
RIGHT COLUMN.

LOW FREQ EFFECT  
COLORED IN RED



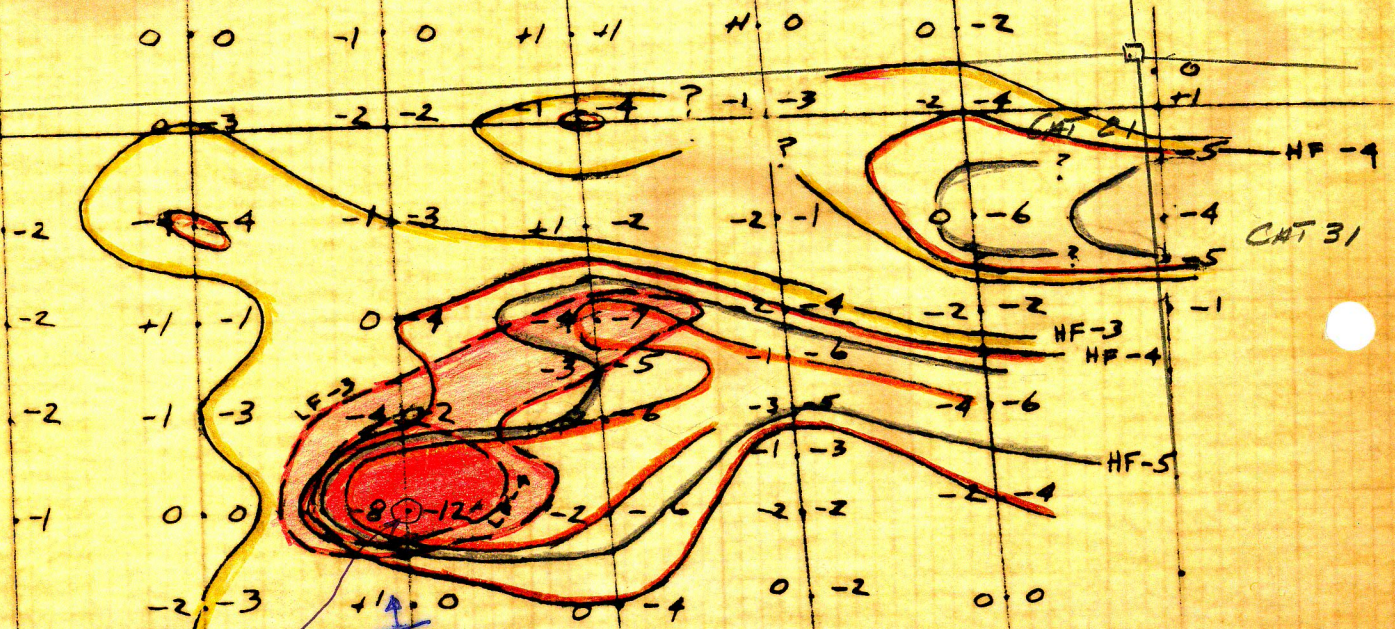
BASELINE #2

CAT 24 CAT 22

CAT 23 CAT 21

CAT 22

CAT 32



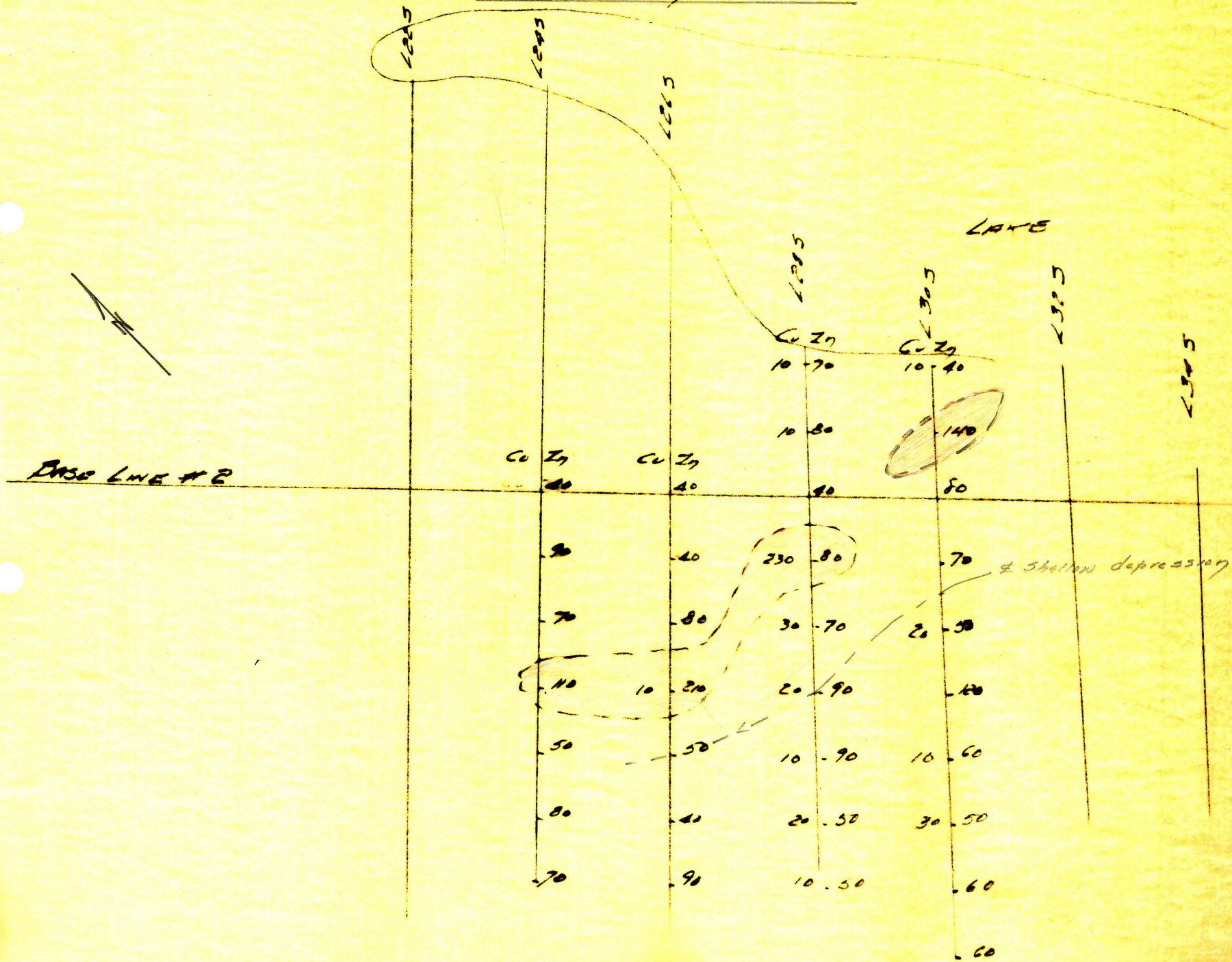
Proposed pack-sack  
note by D. Crane  
-90°

location and dip  
of E.M. anomaly  
as interpreted by  
D. Crane

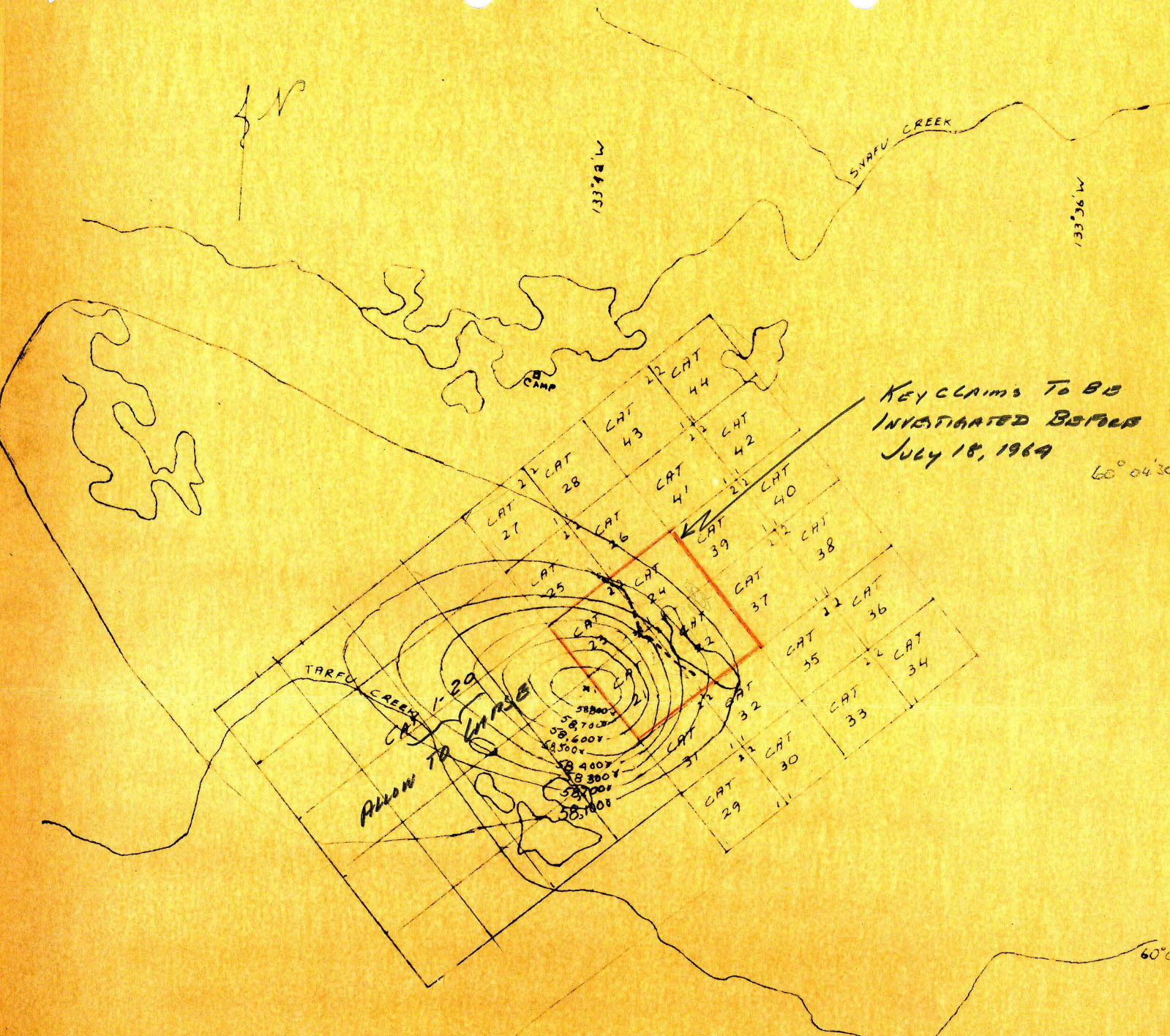
1" = 200'



CPT GROUP - ARLIN DIST., Y.T.  
Soil Sampling Results



Scale: 1" = 200'

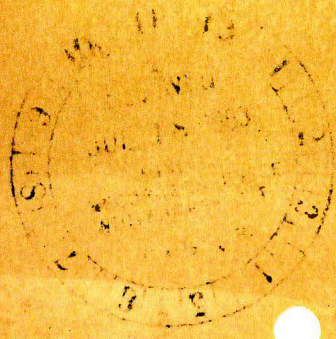


KEY CLAIMS TO BE  
INVESTIGATED BEFORE  
JULY 18, 1969

60° 04' 30"

60° 0

— Aeromagnetic Contours, 1000 interval  
 - - - Axis of Magnetic Anomalies on Ground



Kerr Addison Gold Mines Ltd.  
 CAT Group Mineral Claims Y.T.  
 Scale 1 inch = 1/2 mile  
 July 1969 R. Wolfe

# KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To..... P. M. Kavanagh..... From..... C. K. Wilton.....

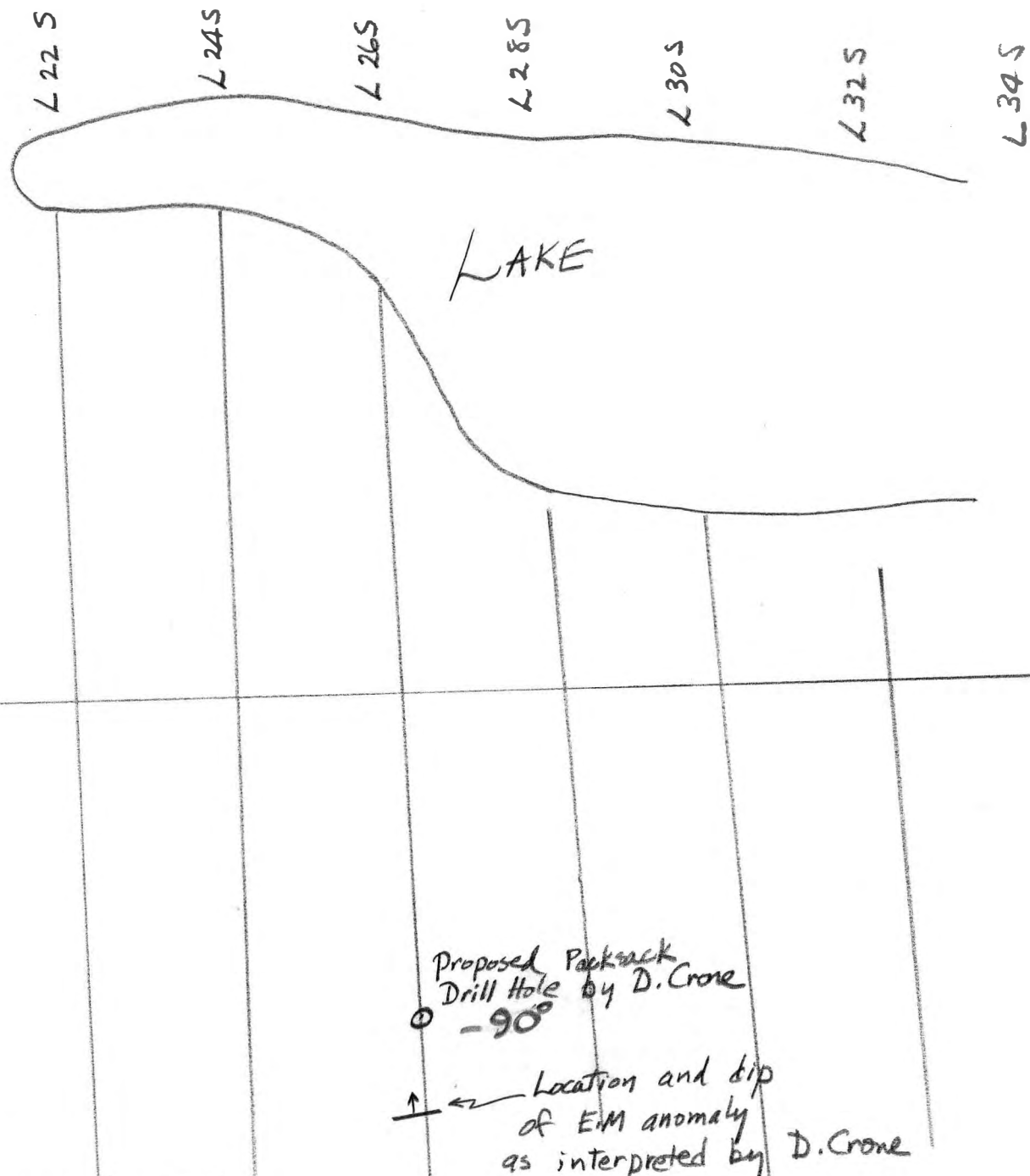
Subject..... Cat Group - Atlin Area, Y.T. .... Date..... November 4, 1963.....

Attached is a sketch showing the results of Crone's study of Sirola's maps attached to his memo of October 29th. Crone considered that the geophysics indicate a dip north and thought the first packsack hole should be drilled vertically as indicated on the sketch. If this first hole did not discover the reason for the anomalies one or more other holes should be drilled with a direction based on information gained from the core of the first hole.



C. K. Wilton,  
Senior Geologist - Exploration

CKW:jm  
cc: W. M. Sirola.



Baseline #2

CAT GROUP  
ATLIN DIST. X.T

showing

Location and dip  
of  
E.M. Anomaly  
and  
proposed Drill Hole  
by D. Crone

Scale 1" = 200'  
Nov/65

Checked after maps by Simola

Proposed Packrack  
Drill Hole by D. Crone  
-90°

Location and dip  
of E.M. anomaly  
as interpreted by D. Crone

NOV 7 1963

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

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

Subject CAT GROUP - ATLIN DISTRICT, Y.T. Date November 5th, 1963.

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

A few days ago I obtained from Robert Wolfe a copy of 105-C-4 which shows the supposed location of the original Cat 1 : 20 g up. He indicated, in a crude way on this map, that this group was not actually in the position shown, but is located where I have shown it on the accompanying sketch.

The Cat 21 : 44 mineral claims are accurately shown on the sketch and appear to overlap Cats 12, 14, 16 and 18. Since the Cat 1 : 20 groups lapse on January 22nd, 1964, it was possible that the overlapped ground, which is also the ground of interest, would also lapse on that date. However, I have discussed the situation with Mr. F.A. McCall, the Yukon Mining Recorder, and he has just told me that we need have no concern about this situation and we can simply allow Cats 1 : 20 to expire and the remaining Cat 21 : 44 group will remain in good standing until July 18th, 1964.

William M. Sirola
William M. Sirola.

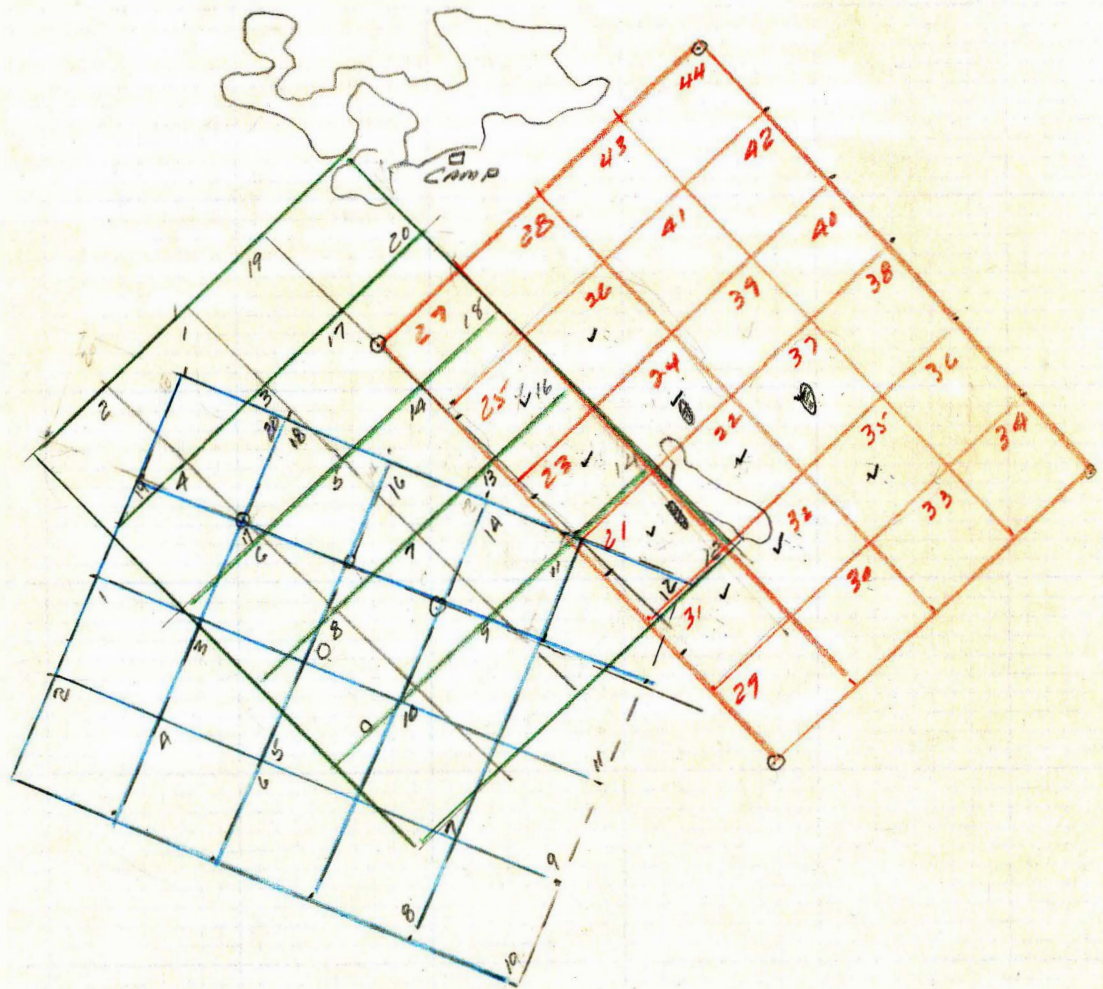
WMS/iw.

encls: Sketch - Cat Group.

CAT GROUP.

ATEIN DIST. Y.T

SCALE 1" = 100'



LEGEND

GREEN - RECORDED POSITION OF CAT 1-20 RECORD DATE JAN 22/63

BLUE - ACTUAL " " " "

RED - ACTUAL & RECORDED? POSITION OF CAT 21-44. DATE JULY 18/64.

Nov. 5, 1963.  
WILLIAM JIBOLA.

JUL 13 1964

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

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

To..... P.M. KAVANAGH..... From..... W.M. SIROLA.....  
Subject..... CAT GROUP, Y.T. ASSESSMENT WORK (105-C-4)..... Date..... July 9th, 1964.....

Enclosed is my report on the above subject.

We were not able to locate the originals, which I firmly believe to be held by A. Kulan. So, the maps accompanying the report are not exactly a thing of beauty.

In my memorandum of June 23rd, I suggested that we hold the following ten mineral claims : 21, 22, 23, 24, 25, 26, 31, 32, 35 and 37. Ted Jacka has since asked me if we wish to expand the number of claims to be held. I have not stipulated in the report which claims are meant to be held, because, according to the regulations, the commissioner shall decide the value of the work done. Presumably, we will ultimately be advised as to how many claims we are entitled to hold. If either you or Ted Jacka wish to enlarge on the number of claims held, it would be logical to add 39, 41, 27, 28, 43, 29, 30 and 33. This would provide a rectangular block of 18 claims. The claims are not too well protected on the southwest, but it seems unlikely, to me, that anything would be found in that direction, in view of our results to date. The terrain falls off to the southwest into a broad, wet valley with absolutely no outcrop.

My report states that some of the superimposed anomalies should be drilled, but I am not very optimistic about the outcome of any drilling which might be undertaken. I am somewhat curious about the cause of the magnetic anomaly, but having exposed two of the E.M. and S.P. anomalies, by hand trenching, I am satisfied that the electrical conductors are carbonaceous rocks. The sporadic geochem highs I regard as glacial errata.

I hope that the commissioner will see fit to accept the report, despite the none too expertly draughted maps.



William M. Sirola.

WMS/iw.  
Encls:

COPY

DAVID McRAE.

W.M. SIROLA.

CAT GROUP DRILLING, Y.T. (105-C-4)

October 13th, 1964.

Enclosed are two sketches on a scale of 1" = 200' showing the positions of drill holes 1 and 2. Drill hole No. 1 is on line 26 at 400 ft. south, and drill hole No. 2 is on line 28 at the base line. Both holes are vertical. If drill hole No. 1 explains both the electrical and magnetic anomalies, there is no need to drill No. 2. However, if no magnetic material is encountered in No. 1, then you should drill No. 2. The anomaly at the site of hole No. 1 appears to be about 100 ft. below the surface, and I feel that the minimum depth of the hole should probably be 200 ft. In the case of drill hole No. 2, which would be drilled to determine the cause of the magnetic anomaly at the base line, the hole depth should be determined entirely by what is encountered. In other words, if you find a basic rock at the collar of the hole, without any accompanying sulphide mineralization, then I think it pointless to drill more than 200 ft. in this rock-type.

Boyles Brothers will provide their own camp, but you will probably wish to have your own tent and cooking facilities, as well as your own food. This avoids any confusion which might otherwise result.

The drill foreman's name is Bert Dieno, and he will contact you shortly regarding the arrival of the drill in Whitehorse. There will be two drillers on Thursday's plane, so that you could not figure on moving into the project before Thursday afternoon or Friday morning. You might check on the availability of BX-size core boxes, in case the Boyles Brothers crew do not have any with them.

If you have any questions at all, contact me by telephone.

William M. Sirola.

WMS/iw.  
Encls:

## DEPARTMENT OF MINES AND NATIONAL RESOURCES

Box 2703,  
Whitehorse, Yukon,  
October 6, 1964.

Kerr Addison Mines Limited,  
Suite 1600,  
44 King Street West,  
Toronto 1, Ontario.

Attention: Mr. E. C. Jacks

Gentlemen:-

Thank you for your letter dated October 2, 1964.

The geophysical surveys submitted as assessment work on the "Cat" Nos. 21 to 44 mineral claims has not yet been assessed by the Mining Inspector and Resident Geologist due to holidays and pressure of business. As soon as this has been done, I will advise whether the assessment work is acceptable.

As requested, I forward herewith a supply of Forms "C" being "Application for a Certificate of Work".

Yours sincerely,

F. A. McCall,  
Mining Recorder.

Encl.