

Box 441,  
Whitehorse, Y.T.

~~XXXXXXXXXXXX~~  
June 8, 1955

Mr. W.M. Emery,  
Mining Recorder,  
Whitehorse, Y.T.

Re: Geophysical Report on the Blind, Cola, and  
Gran Groups, and Geological Report on the  
Blind, Cola, Gran, and Soram Groups, B.I.F.  
Breaky, October, 1954, for Conwest Exploration  
Company.

In view of recent directives concerning the evaluation of geological, geophysical, and geochemical surveys as representation work, I have examined the above reports, and have been able to increase the total evaluation. This was made possible by including work done on control surveys, and is in keeping with the proposed schedule and with the practice followed in dealing with reports submitted by other companies. The method of arriving at this additional credit is detailed below:

Claim Survey (Control Survey for Geology)

It is estimated that 65,000 feet of location lines were out on the Blind, Cola, and Gran groups. Assuming a four-man crew and an engineer-in-charge, at the rate of 5,000 feet per day, the work could have taken  $\frac{65,000}{5,000} = 13$  days.

Salaries and Wages

4 men, 13 days, @ \$12 per day per man, .....	\$ 624.00
1 engineer, 13 days @ \$20 per day .....	260.00

Board

5 men, 13 days @ \$3 per day per man .....	195.00
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Transportation

2 Plane trips @ \$240 per trip .....	480.00
Total	

Previous total evaluation of geological and geophysical reports (Feb. 16, 1955) .....	<u>5179.30</u>
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Total evaluation including control survey .....	<u>\$6738.30</u>
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I recommend that credits to the value of \$6,700 be granted toward representation work on the groups, (1) Gran I-II; (2) Cola I-8, Cola 50, Cola 10, 12, 16, 18, 20, 22, 24; (3) WH 387; (4) W/H 388; (5) W/H 389.

I am still unable to recommend that any credits be applied to the Soram I-6 group.

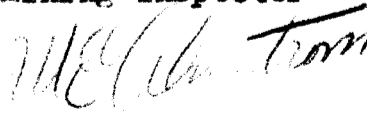
c.c. Mr. W.G. Brown,  
Commissioner of the  
Yukon Territory,  
Whitehorse, Y.T.

M.E. Almstrom,  
Mining Inspector

Mr. J.K. LeCapelain,  
Chief, Lands Division,  
Ottawa.

Mr. R.B. Campbell,

Resident Geologist.



Box 441,  
Whitehorse, Y.T.

February 17, 1955

Mr. W.M. Emery,  
Mining Recorder,  
Whitehorse, Y.T.

Re: Geological and Geophysical Report on the Quill Creek  
Area, F.A. Campbell, P.Eng., November 23, 1953,  
Submitted by Prospectors Airways Limited.

After careful study of this report in collaboration with Mr.  
F.A. Campbell, Resident Geologist, I have arrived at an evaluation as  
follows:

GEOLOGICAL WORK

Line-cutting and surveying for establishment of control

It is estimated that approximately 67,700 feet of line was  
surveyed by compass and chain, and that a five-man crew may have been  
used, consisting of 1 surveyor, 1 surveyor's assistant, ~~and~~ 2 men cutting  
lines and making picket markers where there were no trees, and 1 engineer  
in charge of the party. Expenditures are estimated as follows:- based on  
surveying 5,000 feet of line per day.

1 Engineer in Charge, 14 days @ \$20 per day,.....	\$280.00
1 Surveyor, " " @ 15 " " .....	210.00
1 Surveyor's assistant " " @ 10 " " .....	140.00
2 Line Cutters " " @ 10/day/man .....	280.00
Total Line-Cutting and Surveying, .....	\$910.00 \$910.00

Geology

It is estimated that the geology could have been done  
in 40 days by one geologist and an assistant.

1 Geologist, 40 days @ \$20.00 per day,.....	\$800.00
1 Assistant, " " @ 15.00 " " .....	600.00
Total salaries, geology, .....	\$1400.00

Board

150 man/days @ \$3.50/man/day, .....	625.00
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<u>Transportation</u> .....	600.00
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<u>Preparation of Report</u> .....	50.00
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TOTAL GEOLOGICAL WORK ...	<u>\$3585.00</u>
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GEOPHYSICAL WORK

I It is estimated that the geophysical work could have been done by three men in tendays. In addition to the actual magnetometer work, approximately 24,400 feet of picket line were established for control, and it is estimated that a four-man crew plus an engineer in charge could have completed this part of the work in six days. Expenditures are estimated as follows:

Line-cutting and surveying for control

I Engineer in charge, 6 days, @ \$20.00 per day, ...	\$120.00
I Surveyor,..... " " @ 15.00 " " , ...	90.00
I Assistant, ..... " " @ 10.00 " " . ...	60.00
2 Line Cutters, ..... " " @ 10/day/man, .....	<u>120.00</u>
Total Surveying, .....	\$ 390.00

Magnetometer Work

I Operator, 10 days @ \$20.00 per day	\$200.00
I Assistant, 10 " @ 15.00 " "	150.00
I Helper, 10 " @ 10.00 " "	<u>100.00</u>
Total Magnetometer Work, .....	450.00

Board

60-54 man/days @ \$3.50/man/day, .....	210 189.00
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<u>Transportation</u> .....	360.00
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<u>Preparation of Report</u> .....	\$ 50.00
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TOTAL GEOPHYSICAL WORK	\$1,439.00	\$ 1460
TOTAL GEOLOGICAL WORK (page one)	<u>2,585.00</u>	<u>3685</u>
TOTAL GEOLOGICAL AND GEOPHYSICAL WORK.....	<u>\$5,024.00</u>	<u>\$5,045</u>

You will note that there is a difference of \$4,222.07 between my evaluation and the amount in the Company's statement of expenditures. I fail to see how this additional amount can be applied toward representation work.

c.c. Mr. C.K. LeCapelain,  
Chief, Lands Division,  
Ottawa

Mr. R.B. Campbell,  
Resident Geologist,  
Department of Mines  
and Technical Surveys,  
Whitehorse, Y.T.

M.E. Almstrom,  
Mining Inspector

*M. E. Almstrom*

Box 441,  
Whitehorse, Y.T.

February 16, 1955

Mr. W.M. Emery,  
Mining Recorder,  
Whitehorse, Y.T.

Re: Geophysical Report on the Blind, Cola, and Gran Groups, by D.I.F. Breakey, October, 1954, and Geological Report on the Blind, Cola, Gran, and Scram Groups, Pelley River Area, by D.I.F. Breakey, October, 1954, for Conwest Exploration Company.

After careful study of these reports in collaboration with Mr. R.B. Campbell, Resident Geologist, my evaluation is as follows:

GEOPHYSICAL WORK ..... \$3,942.65

This sum is exactly as requested in Mr. Breakey's letter and statement of February 2, 1955. The geophysical work and report were thoroughly done, and in my opinion \$3,942.65 is a very reasonable sum, and I recommend that all of it be applied toward representation work on the Blind, Cola, and Gran Groups. Apparently there was no geophysical work done on the Scram group, and therefore none of the expenditure should be applied to this group.

GEOLOGICAL WORK

The following estimate is based on a two-man crew in the field for thirty days.

Salaries

Two men @ \$350 per month, 1 month, ..... \$700.00

Transportation

Split charter (mentioned in Mr. Breakey's letter of February 2) ..... 86.65  
One extra plane charter ..... 240.00

Board

Supplies for two men, 30 days @ 3.50/day 210.00  
\$1236.65

Total Geological Work..... \$1,236.65

Since no geological work was actually done on the Scram group, I do not recommend that any of the \$1,236.65 be applied to this group.

Total geophysical and geological work to be applied to the blind, Cola, and Gran groups, ..... \$5,179.30

You will note that there is a difference of \$2,257.86 between my evaluation and the Statement of Expenditures as submitted by the Company dated September 15, 1954. I am unable to find any justification for recommending the application of this farther amount to representation work on the above groups of claims.

✓ c.c. Mr. R.B. Campbell,  
Resident Geologist  
C.K. LeCapelain,  
Chief, Lands Division, Ottawa.

W.E. Alstrom,  
Mining Inspector



Box 441,  
Whitehorse, Y.T.

February 15, 1955.

Mr. W.M. Emery,  
Mining Recorder,  
Whitehorse, Y.T.

Re : Report on Resistivity Survey on Portion of Property  
under Option to:  
Newkirk Mining Corporation Limited  
Bow Creek and Big Creek Areas Carmacks District,  
Yukon Territory, J.D. McCannell, Sept. 14, 1954.

After careful study of the above report in collaboration with Mr.  
R.B. Campbell, Resident Geologist, I have arrived at an evaluation as  
follows:

SURVEYING

Estimate based on 31.1 miles of picket line, using a 4-man crew, and  
allowing 5,000 feet per day plus four extra days for line-cutting, making  
a total of 37 days for the job.

Salaries and Wages

Engineer, @ \$35.00 per day, 37 days,.....	\$1,295.00
Helper, @ 12.00 " , 37 days,.....	444.00
2 Line cutters @ 10.00 per day, 37 days, .....	740.00
	<u>\$2,479.00</u>

Board

Supplies for 4 men, 37 days @ \$3.50 per day,....	518.00
per man	

Transportation

2 Truck trips, Whitehorse to Carmacks, @ \$100,..	200.00
2 Truck trips, Carmacks to property, @ 50.	<u>100.00</u>

TOTAL SURVEYING .....\$3,297.00

RESISTIVITY WORK

Estimate based on 50 man/days in the field, presumably with a two-man crew.

Salaries and Wages

Two skilled operators @ \$35.00 per day, 25 days,...	\$1,750.00
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Board

Supplies for two men, 25 days, @ 3.50 per day	
per man,....	175.00

Transportation

2 Truck trips, Whitehorse to Carmacks,	200.00
3 Truck trips, Carmacks to property,	<u>150.00</u>

Office

44 man/days preparing reports, @ \$35/day/man	1,540.00
Copies of report and maps	25.00

TOTAL RESISTIVITY WORK \$3,840.00

TOTAL EVALUATION

\$3,840.00

\$7,137.00

You will note that there is a difference of \$4,143.99 between my evaluation and the statement of expenses submitted by the Newkirk Mining Corporation. I am unable to see how these additional costs can be applied to the work that was actually done. Therefore whether all or part of the \$4,143.99 should be allowed toward representation work becomes a matter of Departmental policy which I do not determine.

c.c. Mr. C.K. LeCapelain,  
Chief, Lands Division,  
Ottawa.

✓ Mr. R.B. Campbell,  
Resident Geologist,  
Department of Mines and Technical  
Surveys,  
Whithorse, Y.T.

R.B. Almstrom,  
Mining Inspector

*R.B. Almstrom*

Box 44I,  
Whitehorse, Y.T.

February 9, 1955

Mr. W.G. Brown,  
Commissioner of the Yukon Territory,  
Whitehorse, Y.T.

Dear Mr. Brown,

Please find attached a file containing a report entitled "GEOPHYSICAL TESTS AND SURVEY ON THE PROPERTY OF REVENUE COPPER GROUP BIG CREEK AREA, WHITEHORSE DISTRICT YUKON TERRITORY", and other correspondence pertaining to the report. After consultation with Mr. R.B. Campbell, Resident Geologist, I have concluded that the investigation was thoroughly and expertly done. However, certain expenditures have been itemized in the statement that are not considered applicable to the work, and therefore have been deleted, with the concurrence of Dr. Smitheringale, under whose signature the report was submitted. These deletions are as follows:

(1) February, 1954, Salaries, W.V. Smitheringale	\$500.00	
A. Berry	100.00	
L. Liden	60.00	
	<u>\$660.00</u>	\$660.00
(2) March 31, 1954, Assays .....		12.00
(3) May 31, 1954, Expenses, A. Berry, .....		117.00
<del>(4) May 31, 1954, Expenses, W.V. Smitheringale, .....</del>		<del>616.00</del>
(5) June 14, 1954, Expenses, Vancouver to Whitehorse, W.V. Smitheringale and A.R. Clark, .....		284.40
(6) April 13, 1954, Two return fares, Vancouver to Whitehorse, W.V. Smitheringale and J.R. Woodcock, .....		316.00
Excess baggage for above, .....		4.68
(7) May 31, 1954, W.V. Smitheringale, expenditures, April 28 to June 7, 1954, wages, .....		1616.00
(8) July 8, 1954, Transport Division - gasoline, .....		8.40
(9) July 31, 1954, W.V. Smitheringale - expenditure for crucibles, ...		9.00
Total Amount deleted, .....		<u>\$3027.48</u>

This leaves the sum of \$6,989.76 out of \$10,017.24 which I recommend as being applicable toward representation work.

Respectfully,

W.E. Almstrom,  
Mining Inspector

c.c. Mr. G.K. LeCapelain,  
Chief, Lands Division,  
Ottawa

✓ Mr. R.B. Campbell,  
Resident Geologist,  
Department of Mines and  
Technical Surveys,  
Whitehorse, Y.T.

Box 441,  
Whitehorse, Y.T.

December 20, 1954

Mr. H.G. Brown,  
Commissioner of the Yukon Territory,  
Whitehorse, Y.T.

Re: Geological Report on the A.J., Klik, K.K., Groups of  
Claims on Vangorda Creek, Felley River (Ta y River)  
Area ( attached hereto) Dr. A.E. Aho, P.Eng.,  
October 21, 1954

I have studied the above report in collaboration with the Resident  
Geologist, Mr. R.S. Campbell, and I am of the opinion that the full value  
of \$2,052.26 shown by Dr. Aho as the cost of the survey is acceptable.

H.M. Almstrom,  
Mining Inspector

c.c. C.K. LeCaplain,  
Chief, Lands Division,  
Ottawa

R.S. Campbell,  
Resident Geologist,  
Whitehorse

