

826928

92 I
H.A.P.

INTER-OFFICE CORRESPONDENCE

Chataway Lake Group

FROM Rod Macrae 92 I DATE August 6th, 1959.
TO E. O. Chisholm SUBJECT General

MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

A	N
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<input type="checkbox"/>	J.I.B.
<input type="checkbox"/>	E.C.J.

Dear Ted,

Last week I visited the Chataway Lake Group of 50 mineral claims located five miles west of Mammit Lake in Highland Valley which are owned by Sid Wright & Associates of Kamloops.

The mineral occurrences are interesting. Since my last visit Sid has completed some 3 - 4,000 soil samples and recently has had a D-6 Bulldozer stripping selected locations where he had secured "High" Geo-Chemical readings.

You have a copy of the map of the soil sampling. You wrote to him during June you opinion of the value of the readings.

Now the interesting thing about the recent work is that wherever he secured a class 5 reading, he stripped the overburden and almost invariably finds copper stain and in most cases chalcocite. The stain is widespread. The primary mineral occurs in narrow fractures from $\frac{1}{8}$ " up to (rarely) 1".

I examined five or six locations where he has stripped the overburden and exposed the bedrock. In no case did he see any concentration of the primary mineral chalcocite.

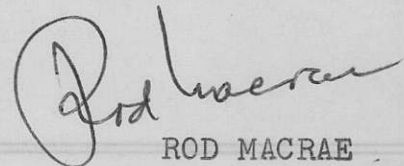
I ran an E.M. survey over the most promising exposure and have enclosed with this letter the map of the E.M. readings.

I discussed a possible option on the north Group of 50 claims with Wright; he suggested that the most practical way to secure an option would be to buy units in the Chataway Lake Syndicate, at the same time securing an option to purchase controlling interest.

Enclosed is a P.I.F. report on this property.

(TO BE COMPLETED IN TRIPLICATE)

gobyl


ROD MACRAE

TO

DATE

FROM

STATUS

RM/r jm

INSTRUCTIONS FOR USE OF THIS FORM

Form to be completed in triplicate by originator. Two copies - No. 1 and No. 2 - to be forwarded to addressee. Copy No. 3 to be retained in originator's file until reply received. Addressee to complete reply in duplicate on reverse side of sheets 1 and 2 and return No. 1 to originator. In following this procedure both parties have the complete message and reply on one sheet of paper.

PROPERTY INFORMATION FORM

Map

Date Aug 7/59

Name of Property CHATAWAY L SYNDICATE

Presented by (with address) SW WRIGHT Date
c/o PACIFIC WESTERN AIRLINES Kamloops BC

Location HIGHMAN'S VALLEY, 12 miles WEST GUICHON CK

Access VIA CHARTER AIRCRAFT to CHATAWAY LAKE, VIA TRUCK RD FROM LOWER NICOLA BC

Claims 54 CLAIM NORTH Grp. CHATAWAY L SYNDICATE

Ownership SID WRIGHT AND ASSOC.

Summary of Outstanding Features CHALCOHITE MINERALIZATION IN FRACTURES AND JOINTS IN GRANITE INTRUSIVE, LOCALLY NAMED GUICHON BATHOLITH. MINERALIZATION IS ERRATIC. CONCENTRATED LOCALLY OVER EXPOSED WIDTHS UP TO 15 FT. APPEARS TO BE ASSOCIATED WITH A NNW-TRENDING SHEARING IN GRANITE

Opinions, Suggestions or Recommendations of Present Holder EXTEND PRESENT STRIPPING PROGRAMME OF OVERBURDEN, POSSIBLY FOLLOWED BY DRILLING IF WARRANTED

Option Terms PURCHASE OF SYNDICATE UNITS AT PRICE TO BE DETERMINED BY NEGOTIATION, WITH OPTION TO PURCHASE CONTROL OF SHARES

Information is Based on EXAMINATION JULY 27, 28/1959

Nature of Deposit PRIMARY(?) CHALCOHITE MINERAL DEPOSITION IN JOINTS AND FRACTURES IN FENOSPHER-RICH GRANITE

Mineralization Copper as chalcocite. Silver mineral (unidentified) zone with lens of black carbonate in one location SW corner claim block

Widths and Values Fractures mineralized up to 1/2 inch width, average 1/8 inch widths. minor concentrations over widths 5 FT to 20 FT (AVERAGE 12 FEET)

Strike and Dip SHEARING 345 - 300 AZ. FRACTURE ST VARIABLE Dip NEAR VERT

Country Rock ORTHOCLASE GRANITE GRANITE PORPHYRY

Present Known Extent and Possible Extensions As Exposed TO DATE Copper Mineralization extends over N/S length of 5 claims AND WIDTH OF 6 claims on WEST SIDE OF NORTH 54 CLAIM BLOCK

Limiting Features ERRATIC NATURE MINERALIZATION. Low to trace Au/Ag values

DD - SERIES OF SHORT AX DOWNS 92I
NE STRIKE DESIGNED TO TEST
SWEAR ZONE CORE RECOVERY

Workings, Kind, Amount, Location and/or Diamond Drilling

TO DATE 6 LONG DEEP NE STRIKING BULLDOZER TRENCHES

Lengths and Frequency of Exposures

BEST CONTINUITY OF EXPOSURE IN 2 TRENCHES
100 FT APART ON ONE SWEAR ZONE AT NW END PROPERTY. SHEARING
OVER WIDTH 15K. EXPOSED CHALCOPRITE DEPOSITION ERRATIC IN FRACTURES

Known Commercial Sections

AND JONK
NOT DETERMINED

Known Non-Commercial Sections

Number, Dimensions and Grade of Ore Shoots Indicated

NOT KNOWN

Possibilities of Developing Ore

IF FEATURE PATTERN CAN BE FOUND MORE CONCENTRATED
POSSIBILITIES GOOD PRESENT EXPOSURES DO NOT INDICATE CONC
OVER ANY LENGTH.

Past Production, If Any

NIL.

Dividends, If Any

NIL.

Other Significant Features in History of Property

EXTENSIVE SOIL SAMPLING USED AS
GUIDE TO LOCATE AREAS FAVORABLE FOR STRIPPING. DEFINITE
CORRELATION BETWEEN GEOCHEMICAL HIGH (CLASS 5) READINGS
AND DEPOSITION OF CU AS CHALCOPRITE

Previous Examinations

1957 AT TIME OF ABORTED DD PROGRAMME

Reports, Plans or Other Sources of Information

ASHERIFF GEOL MAP GSC -
SOIL SAMPLING MAP FOLDED H.O. MAY 1959.

Reasons for Property Lying Idle

UNDER DEVELOPMENT BY SYNDICATE

Relation to or Comparison with Other Properties in the District

By comparison with M05, M06
PROPERTY IN CONTRAST TO BETALEHEN. COPPER. FRACTURE SYSTEM
RATHER THAN VEW SYSTEM IN CONTRAST TO ABERDEEN LOCATED SE OF
PROPERTY

New Development (Since Last Examination)

EXTENSIVE SOIL SAMPLING AND TRENCHING COMPLETED

Other Remarks

Results of stripping to date do not indicate or
suggest economic quantity or concentration of mineralization
bulkheads of exposures and widespread carbonate staining
suggest there is a locus of mineralization that may be
within the down, that has not been determined to date.

Examining Engineer

Date of Examination

July 28/59

921

206

PHONE: MUTUAL 5-5821

CERTIFICATE OF ASSAY

File #175445/450

J. R. WILLIAMS & SON LTD.

PROVINCIAL ASSAYERS AND CHEMISTS

Office and Laboratory:

580 Nelson Street, Vancouver 2, B. C.

RECEIVED

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

I Hereby Certify that the following are the results of assays made by me upon samples of ORE herein described and received from Messrs. Prospectors Airways August 6th 1959

MARKED	GOLD		SILVER		Copper		Nickel		GROSS TOTAL VALUE (2000 lbs) Per Ton	REMARKS
	Ounces Per Ton	Value Per Ton	Ounces Per Ton	Value Per Ton	Per Cent.	Value Per Ton	Per Cent.	Value Per Ton		
Property		\$		\$		\$		\$		
24751-B CHATTAWAY L SYNDICATE					0.05					- CHALCOPITE IN DIGGER CUT NORTH PIT. - CHATTAWAY L
24752-B Coy Au cl's	Trace		0.10							- SPECIMEN OF Au bearing rock in Camp McKinnon
24753-B ATLAS Cp Coy					0.08		Trace			- CHIP SAMPLE ATLAS CP 15 Mile East Oliver B.C.
24754-B ATLAS Cp Coy					0.12		Trace			- SAME NORTH END ZONE
24755-B ATLAS Cp Coy					0.12					- GREGORY CK RUSI CONG ON RD to ATLAS cl's
24756-B CHATTAWAY L SYNDICATE	Trace		0.05		0.10					- CARB ZONE - CHATTAWAY L. CRATS.

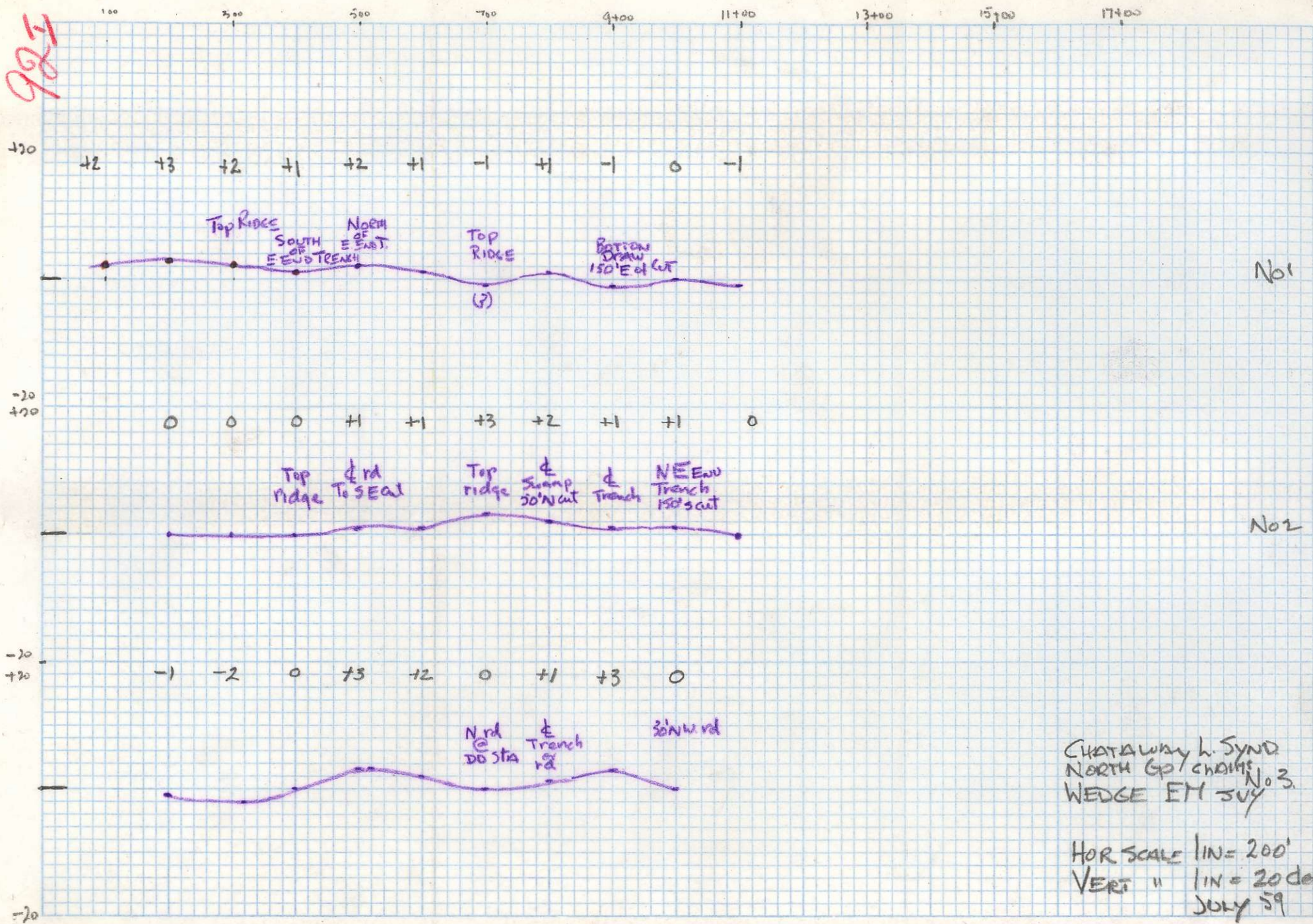
Gold calculated at \$..... per ounce.
 Silver calculated at..... cents per ounce.

Calculated at cents per lb.
 Calculated at cents per lb.
 Calculated at cents per lb.

NOTE—Pulps of Samples retained 2 months from date of Receipt. Rejects 1 week unless otherwise instructed.

J. R. Williams Provincial Assayer.

921



CHATAWAY L. SYNCLINE
 NORTH CO. CHANGES
 WEDGE EM JULY 59
 No. 3

HOR SCALE 1 IN = 200'
 VERT " 1 IN = 20' dep
 JULY 59

PROSPECTORS AIRWAYS COMPANY, LIMITED
SUITE 1616, 44 KING STREET WEST
TORONTO 1, ONTARIO

921

A	N
	W.S.R.
	G.A.C.
	G.H.M.
	E.O.C.
	H.A.P.
	R.D.S.
	B.C.B.
	E.L.D.
	J.I.B.
	E.C.J.

21 July 1959

Mr. S.W. Wright
c/o P.W.A.
Kamloops, British Columbia

Dear Mr. Wright

I have written Rod Macrae to make an examination of your property as soon as possible, and you will hear from him soon.

Yours very truly

EOG-dp

E.O. Ghisholm
Chief Geologist

C
O
P
Y

LELAND HOTEL

DINING ROOM

SAMPLE ROOM

ROOM SERVICE

TELEPHONE 920



301 VICTORIA STREET, KAMLOOPS, B.C.

c/o PWA Kamloops

July 16/59

Dear Mr Chisholm,-

Thank you for your letter of June 25th. I would be glad if you would have a look at the property.

The bulldozer opened over 800 feet in width which shows altered, blocky and rusty ground alternating with zones of soft alteration. The east side, where Bethlehem Q-D makes up the footwall, appears to be the best. We have not reached a depth in bulldozing where primary copper minerals can be found or expected for the zone is severely leached. There is more than one fault with much gouge on the western side and much hematite with carbonates throughout.

Cec Coveney of Bethlehem will be in to see it, -he says that my description sounds much like the Bethlehem early results. He explained however, that due to present commitments, they do not have finances for an outside property.

A Norands crew headed by Walter Nelson Jnr looked at it in the early stages of bulldozing and tried E.M. across #1 anomaly only. They did not get significant results. The bulldozer is now working on the anomalies along the strike to the north and th eye maybe something more to see there when I get back.

Apparently we have a shearing which is more than 800 feet wide and probably 2 miles long at least. This is the first time it has seen the light of day. I do not expect from what I have seen that it will be highgrade but from various signs expect improvement to the north. From the few outcrops plus the bulldozing it appears that we could have a similar geological set-up to Bethlehem.

Yours very truly,

S. W. Wright
S. W. Wright

PROSPECTORS AIRWAYS COMPANY, LIMITED
SUITE 1616, 44 KING STREET WEST
TORONTO 1, ONTARIO

92 I

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

25 June 1959

Mr. S.W. Wright, P. Eng.
c/o FWA
Kamloops, British Columbia

Dear Mr. Wright:

Thank you for your letter of June 17th. It looks like your numerical values of 1 to 5 for the copper anomalies don't do justice to the geochemical picture. If I read you right, the 5 is a minimum value and the copper in the soil at this spot may be many times this, as compared with a value of 1 taken as background. It only points out the danger of using a relative notation system like yours, as it affords no standard of comparison with other field surveys of this nature that show the absolute concentration of heavy metals.

I, of course, was not aware of the method you used, as I only received the geochemical map from Rod Macrae. He had no additional information on the meaning of the spot notations.

We would be glad to arrange an examination of your ground, in the light of the new results, and I would appreciate hearing from you again.

Yours very truly

EOC-dp

E.O. Chisholm
Chief Geologist

C
O
P
Y

92E

S. W. Wright

MINING ENGINEER

c/o PWA, Kamloops
June 17th, 1959

Prospectors Airways Co Ltd
1616-44 King Street West
TORONTO, Ontario

Attn Mr E.O. Chisholm, Chief Geologist

Dear Mr Chisholm:

Thank you for your letter of June 3rd last, which I received on my return from the property to-day.

I am sorry that you turned down the property without some investigation and am puzzled as to why the numerals used to designate the degree of soil saturation were taken as X background. In using the numerals 1 to 5 we employ the standard designation used in Dr Warren's Rubianic Acid Method. It is also used by New Jersey Zinc and others.

The high or #5 spot of the standard scale is established from the results of samples taken in areas where extremely high soil saturation with copper is assured. In our case we took samples three feet down slope from a 30" highgrade vein of malachite and chalcocite. The resulting spots on the test paper were so intense that they appeared black rather than blue. Our #3 spot is more than 5 X background, -this was established by simple dilution.

Certainly the first impression is that the anomalies appear to be much too much. During the soil testing program this thought led to a 3-day investigation of sampling methods, tools, and lab materials.

It is very encouraging to be able to say now, that during the short period since the snow left the area, one man and myself dug and blasted out a 200-foot width of well altered and copper-mineralized shearing with both ends of the width open. It was found on the banks of the creek on Anomaly #1, M.C.BOB#4 and covered by two feet of clay which had sloughed down the high bank. It strikes N20E(astro) and dips steeply eastward. One 16-foot section with intense sericitic alteration looks particularly good. The trenches are only 12" below the rock or gossan surface and I am now trying to arrange for a bulldozer. The chances of proving that our #3 spot is strong enough for threshold look excellent at this point in the work.

Yours very truly,
S.W. Wright P.Eng.

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



PROSPECTORS AIRWAYS COMPANY, LIMITED
SUITE 1816, 44 KING STREET WEST
TORONTO 1, ONTARIO

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G.A.C.	<input type="checkbox"/>
G.M.M.	<input type="checkbox"/>
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R.D.S.	<input type="checkbox"/>
E.W.B.	<input type="checkbox"/>
E.L.S.	<input type="checkbox"/>
M.S.	<input type="checkbox"/>
E.C.I.	<input type="checkbox"/>

3 June 1959

PERSONAL

Mr. Syd Wright, Manager
Chataway Lake Syndicate
c/o Pacific Western Airlines, Ltd.
Kamloops, B.C.

Dear Mr. Wright:

Rod Macrae asked me to write you regarding the results of the geochemical survey kindly provided to him over the Chataway Lake ground.

I have studied the geochemical data and I do not consider the results too important. The geochemical anomalies should be at least 5 times background or threshold value ("threshold" being sometimes higher than background and usually meaning the general significant ore indicating value for the particular area). The area where the 5X values are found should be uniform and not spotty highs, as in the Chataway survey. The soils in this end of the Highland Valley give many broad geochemical patterns which are meaningless alone, but may be significant when compared with other geophysical results.

I would advise doing detailed work around your spot highs of 5X background to see if they hold up, or if they represent erratics - like noise in a radio signal.

Yours very truly

EOC-dp

E.O. Chisholm
Chief Geologist

C
O
P
Y



NORTHWEST GROUP - Chataway Mining Syndicate.

The area of the Northwest Group is almost entirely covered with overburden. It is underlain by at least three types of granitic rocks which show in very small outcrops in a few places, -an older and regionally altered granodiorite, a younger granodiorite, and the Guichon quartz diorite. It is also underlain in part by a very light-coloured quartz diorite fresh and friable in appearance; and a deeply rusted wide zone (#2), in which the rock is altered and rusted beyond recognition. The last two types were exposed by trenching.

ZONE #1

Up to 1957 the only known zone on the property was Zone 1 which is followed by Roscoe Creek. It is shown on the accompanying map starting from below MC MOON 1 and running through the group to the northwest. Old mine workings on this zone consist of a 40-foot edit ending at a winze and which followed a small (10" to 30") but highgrade vein of malachite and chalcocite. Numerous other smaller chalcocite veins and malachite-filled fractures can be found along the banks of Roscoe Creek for over a mile. Outcrops along the banks of the creek are widely spaced shoulders of crushed granodiorite over which the overburden rises for as much as 40 feet. In 1957 the present owners drove a 7-foot edit by hand into one of the shoulders of shattered granodiorite. At 6 feet the edit entered sericitic alteration, green throughout, and carrying values in copper. This was the first good alteration found on this zone. The recently finished soil testing program has shown the edit to be on the thin point of a strong copper anomaly and with the reason for the anomaly showing, in part, ore can be expected in the better parts of the anomaly.

ZONE #2

Zone #2 was first located on MC JAY 1 during late 1957. Trenching on the banks of Creek #2 immediately south of the bridge located a small area of shallow overburden, -about $\frac{1}{2}$ acre in extent. Altered

and deeply rust and sheared granitic rocks are exposed in the trenches. The rocks are deeply leached but wide-spread fractures of varying strike and dip are filled with malachite in which cores and remnants of chalcocite and bornite are found. There are also many smaller rusty seams and fractures which probably carried copper minerals before weathering. From the cores and remnants it appears to have been a filling of all available fractures by massive sulphides.

Some 800 feet across the strike from this point and on the banks of Creek #3, attempts to reach bedrock by trenching found gossan. Apparently the zone is very wide.

In following the topographical trends northward along what was first thought to be the strike, a small area of shallow overburden was found on MC BOB 5, Deeply rusted and altered structure was found in trenches. A further 3000 feet northward the same structure was found again on MC SBY 3 and RUSS 1, malachite appears in the fractures. This long area of rusted structure was named Zone 2.

In 1958, blasting trenches in a swamp on RUSS 2 blew out a great deal of a Bethlehem type quartz diorite with coarse poikilitic crystals of hornblende, further westward on the banks of the same swamp a very light coloured fresh quartz diorite with green accessory minerals was found in place. Westward in the same area trenching on the edge of the swamp exposed deep red gossan containing pieces of ore. The trenching was stopped by water. Attempts to follow this younger quartz diorite were not successful except that a great deal of this rock was blown out of trenches blasted in the big swamp on BOB 5. It seems possible then, that the younger intrusive, -the light-coloured quartz diorite, may underlie the area from RUSS 2 through BOB 5 and thus be parallel to the area which was named Zone 1.

The 1959 PROGRAM TO DATE

The above situation existed at the end of 1958. Two promising zones existed and several changes of rock were found. Some of the rocks appear to be the favourable rocks of the Highland Valley area. Much float ore was found throughout the area but the overburden is everywhere so deep that little more could be done with the means at our disposal.

In January 1959 a soil-testing survey was started. It was carried out through the winter months, pipe-sampling the soil to a depth of 7 to 8" and through the snow.

The results of the survey are shown on Map #3 and #4 (which last is a consolidated field map). Five large anomalies were found and several smaller ones. Anomalies #1 and #2 are oriented in the direction of the well-known structural strike of the area and lie in echelon to the westward of Zone 2 and along what may prove to be the hanging wall of the younger intrusive. Anomalies # 3,4 and 5 have straightened up somewhat in an area where there are signs that the dip is changing from westward to vertical.

It is encouraging to note that while the area of shallow overburden and early tracing on JAY 1 shows interesting amount of copper mineralization, it did not give an anomaly above the spot-strength which we took as threshold. It is reasonable to assume that the anomalies as shown are due to a much stronger copper-mineralization and therefore should indicate the presence of ore.

During the course of the soil-testing program which included other areas, some 6000 samples were taken and tested. It was found that clayey and calcareous soils in the area carry high saturations in copper which mean little for this fine-grained material may be carried far by water and apparently has an affinity for copper. It was learned that a shallow sampling horizon, such as just below the vegetal layer, will give samples that check when taken in flat or or comparatively flat ground. In coarse sandy or gravelly soils the samples must be taken at a damp horizon or at 7 to 8" below the

INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae

DATE May 27th, 1959

TO E. O. Chisholm

SUBJECT Chataway Lake
Synd. Soil-sampling
survey



MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Dear Ted:

Attached is a description of the Chataway Mining Syndicate's Northwest Group of 45 mineral claims together with a location map, claim outline, and a copy of the field map survey results, following two years of soil sampling.

Sid Wright, Mike Boyle, both formerly of Red Lake, , Jim Marshall, and a few others are the syndicate. Wright is responsible for the soil survey and the block of claims outlined are part of a 100 claim block that is held by location in the Chataway Lake area.

If you have the time to do so, Wright would like an opinion from you and any interpretation of the results of the survey. The sampling was done by Wright and Andy Horne, and the Rubianic acid method for copper testing was used.

From questioning Sid, I understand the scale of figures one to five are arbitrarily chosen by him from experience in the area. He says that the figure one is the background or the value that any sample will give in the eastern side of the Guichon Batholith. The other figures, two to five are sample results ~~xxx~~ that ^{are} representative of increasing concentrations of copper ions. Wright cannot convert the scale to ppm so possibly not much can be done with this survey.

This block of claims is for sale. When I talked to Boyle 18 months ago , he was asking 15,000 dollars for the 100 odd claims plus an interest; but I do not think the property should be given any consideration until mineralization in place has been located.

The country is generally flat, with rolling ridges between the drainage system indicated on the consol. field map.

If you can do anything with this information, please pass it direct to: Syd Wright, Mgr

Chataway Lake Syndicate
Care Pacific Western Airlines, Ltd
Kamlopps B.C. , marked personal

*Geol. Rep.
Memoir 262.*

Roderick Macrae

A		N
	W.S.R.	✓
	G.A.C.	
	G.H.M.	
	E.O.C.	
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BETHLEHEM



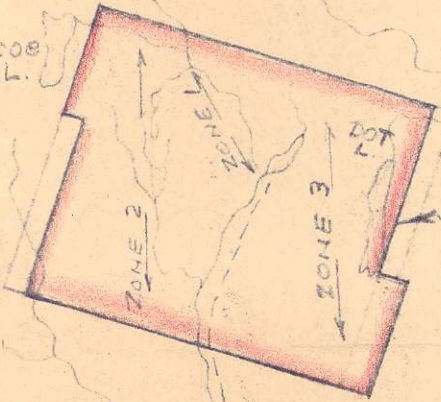
Brook VALLEY

Witches HIGHLAND

Savona 22 mi

Billy

Roscoe L.



CHATAWAY GROUP

Mamit Lake

SKUKUM CR.



Westcoast Gas Pipeline

CRAIGMONT

Highway

GUICHON

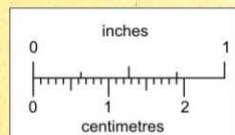
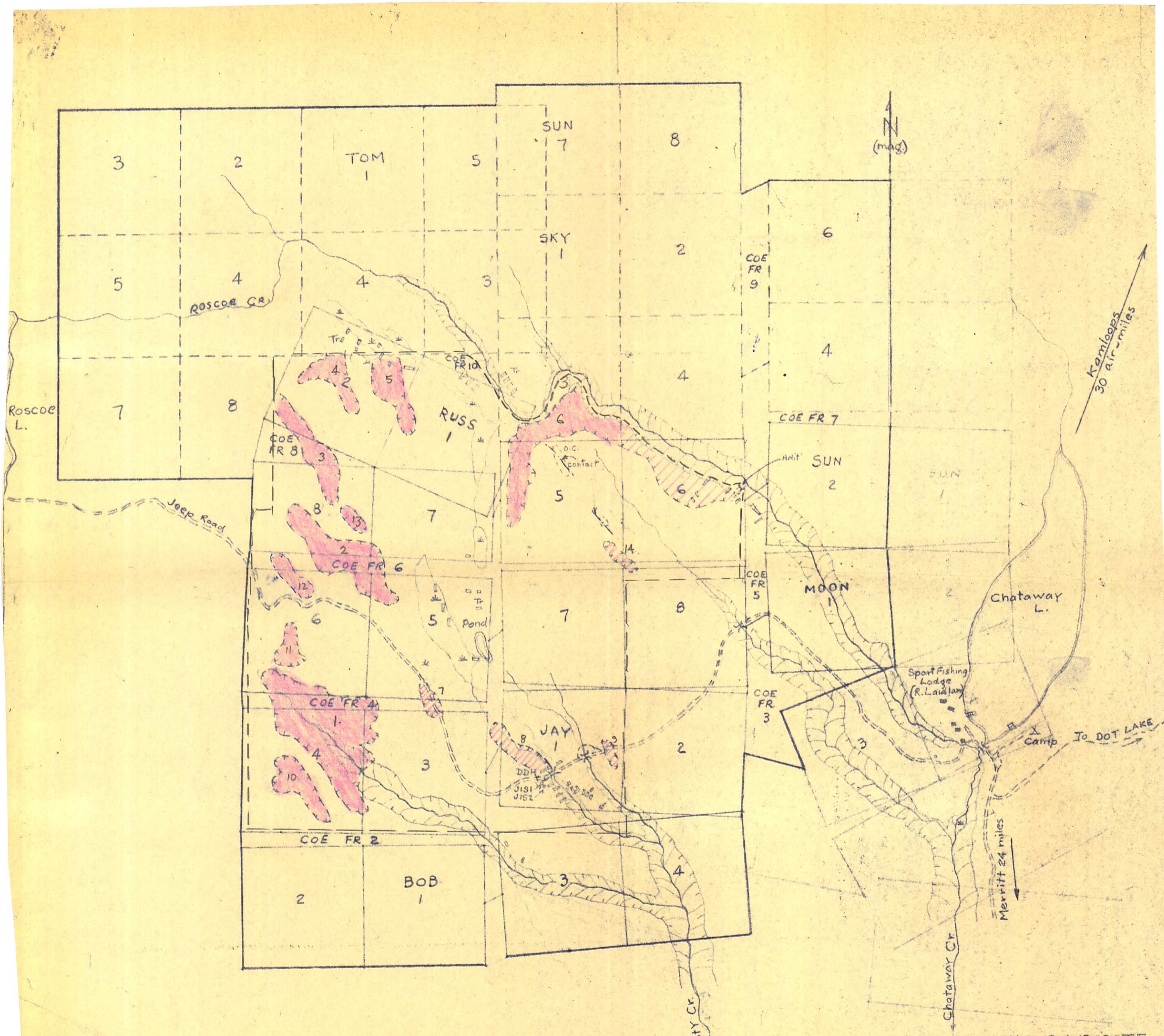
Merritt 6 miles

CHATAWAY MINING SYNDICATE


Chataway Group
Highland Valley Area, B.C.

Scale: 1 in = 2 mi.

May 4th 1959.



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Geo-Chemical Survey
Soil anomalies (cu) 
Limits of Survey - - - -

CHATAWAY MINING SYNDICATE
NORTHWEST GROUP
Scale: 1" = 1000'
MAP #3
Mar 4th 1959

