FORM 396 2-39 2M

WALKER MINING COMPANY

WALKERMINE

PLUMAS COUNTY, CALIFORNIA

L. F. BAYER, MANAGER

May 18, 1939

Mr. Tom Lyon, Chief Geologist
International Smelting & Refining Co.
818 Kearns Building
Salt Lake City, Utah

Dear Tom:

As you requested, the enclosed small scale topography map shows the general geology and the location of our claims with respect to a possible easterly throw or rake of our vein system beyond Piute.

The blue lines represent a maximum number of additional claims that could be staked out to protect any sub-surface apex that may pass out of our present side lines.

If we assume that the sub-surface is fairly smooth, then it runs from a 6200 foot elevation just north of Piute to approximately 6000 feet where the schist crops again near the granite. The 6200 foot is about the same as our 700 haulage, and as indicated on the map, a continuation of a due north trend of the vein would cause a 6200 foot elevation sub-surface apex to pass out of our side lines about 3000 feet ahead of the present 700 level face. Deeper erosion on an easterly dipping vein, or a more easterly trend of the vein would shorten the distance where-in the apex passes out of the side lines.

The Clover group of claims were located in 1928-29 and dropped in 1932. I am quite sure that they were never staked--just located by four foot off sets from a single stadia line. Was the purpose of locating these in the granite for a possible tunnel site only? In case of additional orebodies being found north of Piute, should we relocate the Clover claims?

If additional claims are located and staked out, it would involve a good deal of work for a party composed of instrument man, chain man, axman, and a cook.

Very truly yours,

S. K. Droubay

S. K. Droubay

SKD: sw
cc-Mr. Gidel

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ANACONDA COPPER MINING COMPANY

Butte, Montana

Geological Department
RENO H. SALES, Chief Geologist
M. H. GIDEL, Asst. Chief Geologist

New York, N. Y.
January 5, 1939

Mr. Tom Lyon,
820 Kearns Building,
Salt Lake City, Utah.

Dear Tom:

We may be in need of a geologist at Chuqui. Broadwater, who is now at the Walker, has many times indicated his desire to go to Chile. Since there isn't much future for a geologist at the Walker, I would like to give Broadwater a chance for the Chile job, should it materialize.

I am sending this application blank to you to be forwarded on to Broadwater for two reasons, so you will know about it and so you can replace Broadwater should you be willing to let him go to Chile.

Ask him to fill out the blank and send it to the Chile Exploration Company, 25 Broadway, New York, N. Y., addressing his letter to Mr. J. A. Jacobsen.

Very truly yours,

Reno H. Sales

RENO H. SALES

RHS:D

CC - Mr. J. A. Jacobsen

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F. 423 3-9-38 2M

INTER-DEPARTMENTAL CORRESPONDENCE

MINING DEPARTMENT

INTERNATIONAL SMELTING AND REFINING COMPANY

818 KEARNS BUILDING SALT LAKE CITY, UTAH

SUBJECT: September 23, 1938

Mr. C. E. Weed, General Manager of Mines,
Anaconda Copper Mining Co.,
25 Broadway,
New York City.

Dear Sir:

This is to advise you that actual development work was started yesterday, September 22, 1938, at the Walker mine.

Drilling was started in 886 D South in the Piute (Sales' recommendation No. 2).

They are also timbering in 886 D North, catching up a bad piece of ground which had sloughed during the shutdown, and as soon as completed drilling will be started on the North end (Sales' recommendation No. 1).

707E-D North from 743 XC has also been started (Sales recommendation No. 5).

I shall keep you closely advised as to progress made.

Yours very truly,

John F. Dugan.

JFD:H
cc: FL
JOE
RS
TL

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F. 423 3-9-38 2M

INTER-DEPARTMENTAL CORRESPONDENCE

MINING DEPARTMENT

INTERNATIONAL SMELTING AND REFINING COMPANY

818 KEARNS BUILDING SALT LAKE CITY, UTAH

SUBJECT:

September 17th 1938.

WALKER MINING COMPANY

Mr. C. E. Weed, General Manager of Mines,
Anaconda Copper Mining Company,
B u i l d i n g.

Dear Sir:

The following information was just telephoned to me by Mr. Bayer, Manager of Walker:

Regarding the Piute orebody development, the station pump has been installed on the 900 level and is now pumping.

Cleaning of the 800 level north and south of the shaft has been started. The 800 north drift has sloughed some, necessitating putting in a few sets of sill timber.

The crosscut south on the 700 level in the Piute area has been all cleaned up and track laid.

Actual development work will be started on the 700 and 800 levels September 19th or 20th.

All pumping is being done on the night shift to take advantage of the off-peak period. Crushing and milling operations will be conducted on Sundays, to take advantage of a no-demand electric load on such days.

Yours very truly,

John F. Dugan.

JFD:S.

CC: Messrs. Elton,
Laist,
Sales,
Lyon,
Weed - N.Y.

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F. 423 3-9-38 2M

INTER-DEPARTMENTAL CORRESPONDENCE

MINING DEPARTMENT

INTERNATIONAL SMELTING AND REFINING COMPANY

818 KEARNS BUILDING SALT LAKE CITY, UTAH

SUBJECT: September 8th 1938.

WALKER MINING COMPANY

Mr. C. E. Weed, General Manager of Mines,
Anaconda Copper Mining Company,
Hennessy Building,
Butte, M O N T A N A.

Dear Sir:

Regarding the new development program at Walker, the Piute shaft will be pumped out to the 900 level and a station pump installed before actual development work (outside of cleaning up) starts on the 800 level.

As of September 3rd the water was below the 800 level. Shorting of one of the pump motors has caused some delay since then.

Some work has also been started on the other development projects recommended by the Geological Department.

Yours very truly,

John F. Dugan.

JFD:S.
CC: Mr.Elton.
Mr.Lyon.

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ANACONDA COPPER MINING COMPANY

RENO H. SALES, CHIEF GEOLOGIST
M. H. GIDEL, ASSISTANT CHIEF GEOLOGIST

ANACONDA
from mine to consumer
REG. U.S. PAT. OFF.

BUTTE, MONTANA

GEOLOGICAL DEPARTMENT

Aug. 5, 1938.

Mr. Tom Lyon,
820 Kearns Bldg.,
Salt Lake City, Utah.

Walker

Dear Tom:

I have just received from your office a letter from Mr. Kildale and a roll of maps prepared by him, including the following:

1. 200 scale geological set of prints of the Walker Mine.

2. Geological map and two cross-sections (prints) of the Rico District in Colorado.

3. Pencil tracing, sketch map (100 scale) showing relation of new orebody found in the Mountain View, to the Yankee Tunnel workings.

I have reviewed with Mr. Sales the twelve recommendations for proposed development in the Walker Mine, which we discussed a week ago. He tentatively approves of same, expressing some doubt, however, as to what success may be had in finding ore in several of the prospects. In this conclusion I think we also agree but feel that we should not overlook any possibilities of finding some new ore. Mr. Sales agrees that the long distance drill prospecting should be done while the mine is operating in the future, and particularly favors testing the downward projection of the best looking, or the North orebody below the 1000 level. Mr. Weed expects to review with Mr. Kelley the proposed plan of prospecting in the Walker Mine, in which case we will probably receive instructions later.

Please tell Mr. Kildale to send to this office the several maps and list of development projects for Tintic now being prepared for Mr. Weed, so that we can incorporate same with other data we are getting together here.

Thanking you and Mr. Kildale for the above mentioned maps, I remain

Yours very truly,

M. H. Gidel

M. H. GIDEL

MHG:KM

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June 15, 1938

Mr. Reno H. Sales, Chief Geologist
Anaconda Copper Mining Company
Butte, Montana

Dear Sir:

In answer to your letter of June 8, 1938 I am mailing to you and to Mr. Lyon a map showing the possible extension of the Walker vein with reference to our property lines.

The geology shown does not confirm exactly with that indicated on the photostatic print, but is taken from some of McLellans notes. He, apparently, took them during the survey. Just how far the underlying Granite extends toward Piute, it is hard to tell, but the two small outcrops encountered along the property lines indicate that it may come in quite far. In scouting this country, I have noted quite a number of these isolated exposures. McLellan also mapped some schist along the Granite contact in the area covered by the proposed new locations. I could not confirm this so did not show it.

The sub-surface seems to be around 6200 feet in elevation or the same as our 700 level. In giving the vein a N 20 Degree E trend, similar to that exposed on the 600 level, the sub-surface outcrop could be as indicated on the map. If this is the case it may be better to make the end lines normal to the strike of the vein as indicated with the penciled lines rather than as shown with the blue dotted lines.

Respectfully yours,

SKD
W

cc Tom Lyon

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ANACONDA COPPER MINING COMPANY

25 Broadway, New York

New York, N. Y.
June 8, 1938.

Mr. Seth K. Droubay,
Walker Mining Company,
Walkermine, California.

Walker

My dear Droubay:

This will acknowledge your letter of May 24 together with ore reserve sheets covering the six months period up to May 1, 1938.

I am glad you mention the northerly extension of the Walker ore zone and that you think it might be advisable to cover some of that area with lode locations. I feel quite sure, however, that you cannot make a legal mineral discovery in basalt which is the surface rock in that area. I think we would be compelled either to drift from one of our Piute levels or diamond drill from the surface.

In any case, will you please prepare a map covering that north end showing the possible position of the sub-basalt apex of the Walker vein, and indicate on the map what locations would be necessary to protect the subsurface apex, and the vein on its dip.

In this connection, I note in one of our old sets of maps that we will hit granite somewhere in this north Walker vein projection. If you have any ideas where the granite contact might be beneath the basalt, I wish you would indicate it on your map.

Please send a copy of your letter and map to Lyon at Salt Lake and address me at Butte as I expect to leave here within the week.

Yours very truly,

CHIEF GEOLOGIST.

RHS:F
CC: Tom Lyon

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May 31, 1938

Mr. Seth K. Droubay
Walker Mining Company
Walkermine, California

Dear Red:

I have your letter of May 27 regarding assessment work on the Sobrero claims.

There is now a bill in Congress regarding assessment work. I do not know whether or not it will be passed. However, if it is the same as previous bills, which only exempt claims belonging to companies which have paid income taxes, the passage of this law will not do us any good. Inasmuch as we have a contract with Sobrero to do this work, it will be necessary for us to do the work. Please see that it is not overlooked.

It is very regretable that it has been found necessary to close down all of the mines. The copper industry and every other industry are in a terrible shape, and I feel that the companies are not going to get themselves in the same position as they have in the past, namely, producing copper on a 10¢ or 12¢ labor cost and marketing it at 5¢ a pound. The present reserves of refined copper will supply the current consumption for the next eleven months. This supply, however, would only represent three months consumption at a normal rate. I do not look to see any pickup in business until there is a different attitude than the present one toward business on the part of the Administration. When this time may come, it is hard to forecast.

Very truly yours,

TL:P

Tom Lyon

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FORM 396 5-38 2M

WALKER MINING COMPANY

WALKERMINE

PLUMAS COUNTY, CALIFORNIA

L. F. BAYER, MANAGER

May 27, 1938

Mr. Tom Lyon, Chief Geologist
International Smelting
& Refining Co.
818 Kearns Building
Salt Lake City, Utah

Dear Tom:

It is time that assessment work on the Sobrero claims was started and Mr. Bayer asked that I write to you before any work is started.

Last year we spent a total of $ 291.71, and as the work was all done in May and June, none of it will apply on the assessment year 1937-38. It will be therefore necessary to start the work this year before July 1st. Will you please advise me if we should get this started and out of the way?

We were just told that the mine closes down flat along with Mountain City, the Smelter, etc. It is too bad that such drastic steps had to be taken, but I suppose it was the only thing left to do. I feel that Walker Mine is in better shape for re-opening now than if we were to mine what little ore is left above the 700 level in Piute. This muck will be badly needed when the mine is started again and, excepting the 615 section, is in shape so it will not cave like the country south of the shaft.

We know nothing except that the mine closes and are wondering what the future will bring.

Respectfully yours,

Seth H Dronbay

SKD/w

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FORM 396 6-37 2M

WALKER MINING COMPANY

WALKERMINE
PLUMAS COUNTY, CALIFORNIA

L. F. BAYER, MANAGER

February 17, 1938

Mr. Tom Lyon, Chief Geologist
International Smelting
& Refining Company
818 Kearns Building
Salt Lake City, Utah

Dear Tom:

Please find enclosed a February 1st sheet for the Available Ore Reserves, also a small bottle containing flour gold that I panned from about three pounds of lime scale plus several pounds of coarse grind taken from the head of the classifier.

Breakage and production has been so confined that I combined the three months of November, December, and January to make up a February 1st sheet for the Available Reserves. 645 and 655 Stopes are so near finished that it is hard to estimate how much more will be recovered before they quit stoping or the stopes cave. There has been some dilution due to hanging wall caving in 635 and 645 and there will, no doubt, be more when they continue breaking ground in these stopes. At present enough of the 600 level over 745 Stope is sloughing in to supply the mill, so it has given them a chance to let these other stopes quiet down.

Mill heads during the past six weeks have been running better than average in gold, so I attempted to recover some in the free state and determine how it occurs and how large the particles are. The small bottle contains most of the gold that I recovered. It was panned from the pulverized material, and then treated with both nitric and hydrochloric acids. In examining the particles

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(using the Hospital microscope and a grid to count blood corpuscles) I found that the largest particles covered about six 1/400 of a square m.m. and it took about ten of the smallest to cover 1/400 of a square m.m. The average particle covered roughly 1/400 square m.m. I could locate no particles adhering to quartz, and the mass had a typical gold color and lustre before being treated with acid. Very little went into solution with the acid treatment. Magnetite was separated from the pannings and it assayed but a scant 4 ounces per ton. I take it from this that the gold occurs free as a finely disseminated product, associated with the metalic minerals chalcopyrite and pyrite.

I have been doing some special gold and silver sampling in conjunction with completing a set of gold and slilver assay maps for the mine. It is rather a tedious job to locate and plot all the old assay records, but I am sure that the finished job will be well worth while. The sampling is to detail zones of ore, above the 700 haulage level, that has a high ratio of gold and silver in comparison with the copper content, that would be economical to mine under present market conditions.

After 17 days of continous snow and wind the sun finally came out. The storm left us with from 9 to 12 feet of snow on the level and drifts much deeper. The Tram has been down since February 9th, but I suppose it will be operating again very soon, as men are working to clear the cables and repair the phone.

Very truly yours,

Seth K Dracbay.

SKD/w

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FORM 396 6-37 2M

WALKER MINING COMPANY

WALKERMINE

PLUMAS COUNTY, CALIFORNIA

L. F. BAYER, MANAGER

November 26,1937

Mr. Tom Lyon, Chief Geologist
Walker Mining Company
818 Kearns Building
Salt Lake City, Utah

Walker

Dear Tom:

I am mailing in the Annual Ore Reserves for Walker Mine, dated November 1, 1937. Mr, Sales gave me a lecture on how the term AVAILABLE ORE should be used, so you will find some of the headings worded a little differently so they are not misleading. The Available Ore listed at the end of table 8 represents ore in place, and does not include broken muck.

The increase of 628,900 tons is not such a large figure, but the fact that it is Blocked Out makes some difference. Take this figure and add the 431,344 tons that were milled then divide it by the 13,282 feet of total development, and it equals 79.8 tons of ore per foot of development. This would be in the neighberhood of 15 cents per ton.

They are having no trouble getting the 300 tons of ore per day, but I am afraid some of the ground is going to give trouble. The whole 600 level under 645 and 655 stopes is moving and we will get a lot of cheap breakage one of these days. I hope it does not cave so far into the hanging wall that the stopes are filled with waste.

Very truly yours

Seth K Droubay

S. K. Droubay

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November 8, 1937.

Mr. Frederick Laist, Vice President,
International Smelting & Refining Co.,
25 Broadway, New York City.

AIR MAIL
SPECIAL DELIVERY

Dear Mr. Laist:-

Subject: Walker Mine

On Thursday of last week Mr. Bayer made a proposal for operating the Walker mine at part capacity that I feel that I must put up to you. At first I was inclined to dismiss it without consideration. Tom Lyon felt the same way. After talking it over with Messrs. Young, Lyon and Dugan I felt it had enough merit to justify sending them to the mine to check up with Bayer. They spent Saturday and a part of Sunday at the mine; returning last night. I had each one of them write a memorandum , copies of which I am enclosing with this letter.

I am asking that you carefully read these memorandums before you pass judgment on the suggestion.

Considering the Walker mine by itself I feel sure that you will agree with me that it should be operated to produce 130,000 pounds of copper per month from ore that cannot be considered in the ore reserve. Please consider the following points:

1. There is a good chance of paying shut down expenses or that the monthly loss will be considerably less than if the property is shut down.

2. Many key men will be retained.

3. Repairs to both mine and mill will be kept up and the mine will be ready to resume operations without a large start up expense.

4. There will be considerably less hardship on the families who have in their winter wood and other supplies, and no place to go. Many of these families have all of their earthly possessions in camp with them and no cash on hand to get to another job.

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5. Mine and mill supplies can be worked off and converted into cash or copper.

6. The amount of copper is small, 130,000 pounds, when considered as so much custom concentrates, amounting to less than 300 tons per month.

7. From the International Smelting & Refining Company's standpoint, would it not be better to loan the Walker Mining Company $9,600.00 per month for which copper will be on hand at a cost of 11.37¢ per pound, rather than to put up $6,000.00 per month and have nothing except a promise to pay?

After you have read this with the enclosed memorandums I would like to have you tell me what to do.

Yours very truly,

JOE 3
Encs.

J. O. Elton.

cc A.B. Young
Tom Lyon
J. F. Dugan

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November 8, 1937

Mr. J. O. Elton, Manager
OFFICE

Subject: Walker Mine

Dear Mr. Elton:

Messrs. Dugan and Lyon and myself have just returned from a trip to Walker Mine for the purpose of investigating the proposal of Mr. L. F. Bayer in connection with an alternative to complete shutdown of operations. Mr. Bayer's proposal is as follows:

That there be mined and milled per month 9,000 tons from the upper portions of the Piute ore body above the 700 level. In order to do this the wage scale to be paid miners is assumed to be $4.00 per day, the men to work seven days per week. The Fagergren section of the mill is to operate three to four days per week at full ball mill capacity for such section. The returnable copper produced from such an operation would be about 150,000 pounds per month. The attached sheets show a net cost of producing copper of 11.37¢ per pound, and a money outlay for Walker of $9600.00 per month for the next six months after crediting gold and silver and assuming no copper sold as against a shutdown expense of about $6000.00 given in Mr. Dugan's estimate to Mr. Laist of October 25th. Cash requirements for such an operation of approximately $9600.00 per month contemplate a withdrawal from supplies on hand of approximately $3000.00. This can be done, according to Mr. Bayer, for six months, after which more or less of these supplies will have to be purchased new, thus bringing the figure of $9600.00 gradually up to $12,600.00. The statements were made up and checked in our presence and the estimate for them appears reasonable.

The grade of ore as produced is assumed as follows: Copper .66%, silver .56 ounces and gold .037 ounces. The mill metallurgy is based on some recent actual runs on this type of ore on the Fagergren machines. I would not look for any difficulty in this regard. Mr. Lyon points out that the mining of this ore (the upper portion of the Piute ore body) will not in any way harmfully effect the future operations of the mine when it is opened up. However, there is a danger that if the mine is completely shut down for a period of a year a great deal of this ore will be lost and never be recovered. The mine assays given above reflect only about 75% of the actual assay of the reserves from this part of the mine, the 25% having been taken as a safety factor against dilution.

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It should be remembered that in speaking of money requirements I have considered only the Walker Mining Company. From the standpoint of International Smelting & Refining Company the item of gold and silver value for a month amounting to $10,400.00 is also a cash requirement for the smelting company until such time as the blister copper produced is refined and the contained gold and silver released for sale, which is a matter of some 60 or 90 days.

In conclusion I should like to point out that although such a program would call for three to four thousand dollars a month more cash outlay for the Walker Mining Company it would have the following effects.

1. Create employment for 60 more men. These would be married men with families and include many key men.

2. It is done by the mining of ore that would probably be lost in the event of a shutdown and the withdrawal of which does not in any way hurt the mine or ore reserves.

It is my belief that the figures set forth herewith are reasonably accurate. However, if the program were adopted and it were shown that the Walker management could not achieve these figures within the limits of reasonable accuracy, I would recommend that the mine be shut down without further ado.

Yours very truly,

A. M. YOUNG
Assistant Manager

AMY/B
cc Messrs. Dugan
Lyon

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November 8, 1937

Mr. J. O. Elton, Manager
International Smelting and Refining Company
O f f i c e s

Walker

Dear Sir:

Pursuant to your request I visited the Walker mine Saturday, November 5th to find out whether or not the mining of 300 tons of ore per day would in any way jeopardize the operations when mining is resumed on a large scale.

The area from which it is expected to extract the ore is the top portion of the southern end of the Piute ore body, as shown on the accompanying long section. You will note that the stopes in this area have reached a point a short distance below the outcrop. It is believed that after the Spring run-off a large portion of these backs will cave, in which case the ore now in the back of the stope, and the broken ore in the stope, will be so badly diluted that it will not be profitable to extract and mill it.

If part of the shut down expense could be eliminated by the mining of this ore, it would be in my opinion a good thing to do.

The operation recommended by Mr. Bayer will employ 78 men who will all be married men and whose families are now residing at the Walker. In many cases these men have spent their own money in the erection of houses and laying in the winter supplies and are now absolutely without capital to finance a search for work. If the mine could be kept open and employ these men, it would save a lot of suffering for themselves and families during the coming winter.

Very truly yours,

TL:P Negative of long section on file in blue print room

Tom Lyon

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November 4, 1937

Mr. Seth K. Droubay
Walker Mining Company
Walkermine, California

Walker

Dear Red:

I am in receipt of several reports from you which arrived during the time I was in New York.

It is with great regret that the management found it necessary to close the Walker mine. Please hang on there for awhile until I look around and see if I cannot get something better for you to do.

Kindest personal regards,

Very truly yours,

TL:P

Tom Lyon

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FORM 396 6-37 2M

WALKER MINING COMPANY

WALKERMINE

PLUMAS COUNTY, CALIFORNIA

L. F. BAYER, MANAGER

October 30, 1937

Walker

Mr. Tom Lyon, Chief Geologist
International Smelting
& Refining Company
818 Kearns Building
Salt Lake City, Utah

Dear Tom:

I am enclosing a report of the property near Reno that you asked me to go look at and am mailing, under separate cover, a map showing the extension of the Piute Orebody with respect to diamond drill holes and lava capping. Kildale did not remember seeing one around the Salt Lake office and asked that one be sent in.

The map is rather interesting in that it shows how the drill holes are too far west to cut any extension of the Piute mineralization unless it turned sharply from the exposed general trend. In referring to the claim maps, any extended mineralization bearing east of north would pass out of Walker property at a point approximately 2,000 north of the present 700 level face.

There is nothing new or startling in the way of development. The 400 level over the 517 Fissure zone in the footwall of the 712 Orebody looks good and has promise of yielding a nice block of ore running better than 2% Cu. I hope to see at least 50,000 tons (gross) blocked out between the 500 and 300 levels.

Everyone is more or less concerned about the present curtailment rumors, but trust that things will get no worse. Our development is already showing the effect of expense cutting and I hate to see any place stopped where there is a possibility of developing ore.

Best personal regards,

Seth H Drouley.

Oct 31, 1937

SKD
W

We just received news that the mine is to close and are estimating what a 400 to 500 tons production from Piute will yield.

Rod

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ANACONDA COPPER MINING CO.

Oct. 27, 1937

Mr. Seth K. Droubay,
Walkermine, Calif.

My dear Droubay:

I am in receipt of your letter and reserve report dated Oct. 11th.

In connection with the Piute developments, it seems to me that we should undertake an exploratory drift in the Piute Vein northerly from the present north face of either the 800 or 900 level. As I recall it, the upper levels ran into oxidized ore as we were approaching the old north slope under a basalt covered surface. We should explore this vein northerly whenever we feel we are deep enough to get under cover under the old surface. I think possibly the records of the drilling done to the north by J. R. Walker and associates, would show us the elevation of the old surface.

I suggest the above development because the vein is still big and strong the last we see of it on these levels and there is a chance of a zone of enrichment below the old surface oxidization to the north, furthermore there is a chance of better primary ore in the vein, or at least a chance of a continuation of the Piute type of ore.

I do not know the present status of the Walker Mine operation. The above suggested development is subject to present conditions prevailing at the property as to allowable expenditures for development.

Yours very truly,

RENO H. SALES

RHS:KM
cc:Messars. Bayer
Elton
Lyon

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FORM 396 12-36 2M

WALKER MINING COMPANY

WALKERMINE

PLUMAS COUNTY, CALIFORNIA

L. F. BAYER, MANAGER

May 10, 1937

Mr. Tom Lyon, Chief Geologist
International Smelting
& Refining Company
818 Kearns Building
Salt Lake City, Utah

Walker

Dear Tom:

Please find enclosed the regular Monthly Geological Sketches, the Ore Reserve Sheet, and the list showing development progress for the month of April.

A short crosscut into the footwall from 502B Raise in the 712 Orebody has exposed a five foot vein of very good looking ore that was missed with the 400 level drifts. It may be the northerly extension of 405 #2 Orebody but is farther in the footwall, and projects in under the pinched zone between 505 and 505B Ore Blocks. A small intermediate drift was run for about 50 feet along the vein, and the grade has averaged 4.00% Cu. It will be exposed on the 400 level by crosscutting at 502B Raise and then by drifting along the vein.

1017 DN is still in waste although the character of the schist has changed and shows abundance of epidote and zones of white barren quartz. There are occasional spots of chalcopyrite. The crosscut east from the 1100 level is still in waste.

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Last fall I submitted a report on the Diethelm property, a copper prospect near Chilcoot, California and recommended that it be more thoroughly investigated. You asked me to check it over with Mr. Sales, so when he was here last fall I talked to him about it. He looked at some of the rock but his only comment was to ask if the old man was apt to dispose of the property to some other company. This old man, Deithelm is very anxious to make a deal and he would very much like to know if we will make a more thorough examination, as I recommended.

Very truly yours,

Seth K Dradley.

SKD
W

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FORM 396 4-9-36 2M

WALKER MINING COMPANY

WALKERMINE

PLUMAS COUNTY, CALIFORNIA

H. A. GEISENDORFER, MANAGER

July, 13, 1936.

Mr. Tom Lyon, Chief Geologist,
Walker Mining Company,
818 Kearns Building,
Salt Lake City, Utah.

Dear Sir:

The enclosed sheets show the geology for development work during the month of June. The maps are taken from the engineering department monthly report, so will show the same progress, and could be inked on the geology maps there. In case the engineers do not have a transit survey right up to date, I will show the Brunton extension with dotted lines.

I am also enclosing two additional recommendation sheets for your files.

Mr. Sales spent several days examining the mine and maps and seemed satisfied with the manner in which stoping and development work is being directed.

Respectfully yours,

Seth K. Droubay

Seth K. Droubay

SKD
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Enc.

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July 31, 1936

Mr. S. K. Droubay
Walker Mining Company
Walkermine, California

Dear Red:

Many thanks for your letter with the assay sheet showing the complete assay results on the Lane and Veak samples. They will complete the data for my report which will go with the files.

Also thanks for the set of 200 scale prints of the Walker mine. These will be very useful maps to have in this office in keeping up to date on the development and geology there.

My. Lyon asked me to look over your geological notes on the monthly advance for June, and the geology looks O. K. Hope that you will find some more ore between the face of 1017 drift and the 712 ore body by crosscutting at intervals into the hanging wall of the fault which you crossed. The raises above 1017 drift seem to indicate that you will have a good block of ore in 1020 stope which will help a great deal in improving your average grade. Have you given up the idea of sinking a winze from the 700 level on the 712 ore body to prospect ahead of 1017 drift? And how is the 1082 A winze below the 1000 level looking? Didn't see any sketch showing the geology there.

How is your exploration on the 600 level for the 517 footwall vein looking now? The notes look as though you might have found it.

Also for the sake of information what happened to the development work at the north end of 201 drift in the north ore body? And to the work

at the north end of the 712 ore body on the 500 level? Was the grade in these places too low?

I spoke to Mr. Lyon some time ago about the Riverview claims at Alleghany but he thought the property there wouldn't be of interest to the company just now. And I haven't found any other "angel" as yet who might want to take a chance at feeling it out.

Imagine that you are all very busy there at the Walker these days. We have been quite busy here in the Salt Lake office also lately and I've been out in the field a good deal of the time.

Please give our best regards to Helen and Kevron. And give my regards also to Bayer and remember me to all the gang.

With best wishes to yourself,

Very truly yours,

MBK:P M. B. Kildale

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ANACONDA COPPER MINING COMPANY

RENO H. SALES, CHIEF GEOLOGIST
M. H. GIDEL, ASSISTANT CHIEF GEOLOGIST

ANACONDA
from mine to consumer
REG. U.S. PAT. OFF.

BUTTE, MONTANA

GEOLOGICAL DEPARTMENT

July 25, 1936

Walker

Mr. Tom Lyon,
820 Kearns Bldg.,
Salt Lake City, Utah.

Dear Tom:

The Walker mine is rather a long story, but I feel very confident that Bayer has some good ideas. The danger is that the ore will not stand up to a good enough grade to be profitable after the reserves are exhausted above the tunnel level. I was favorably impressed with the ore showings on the 100 level, also with the latest developments in the general 712 area. I look for pretty good developments in depth between 706 shaft and the north end of the 712 unit. Nothing but a big well equipped hoist and a good shaft can possibly save the situation when the upper reserves are exhausted.

I hope Bayer will be there permanently. I am not impressed by David as a foreman. He is of the old school and won't listen to a geologist. Droubay is no expert on geological note taking nor on mine geology generally, but he certainly knows how to use geological information and he could be a big help to David. Bayer realizes that this mine can be saved only by the closest possible application of geology and sampling. If he can get the proper help from David, I think the mine will get back on its feet, but, as I say, it is going to be tough below the tunnel level, unless the ore holds up to a grade better than 1.5.

With best regards, I am

Sincerely yours,

Reno H Sales

RHS:KM

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AIR MAIL

October 18, 1935

Mr. Reno H. Sales
Room 1801
25 Broadway
New York City, N. Y.

Dear Reno:

I have your letter of October 11th and note that you will probably be in New York for at least another month.

I just returned from a trip to the Walker and Mountain City with Mr. Elton.

They are just getting things lined up at the Walker and are operating at about one-half capacity. I expect this will be built up to their quota of 1,000,000 pounds of copper per month within the next 30 days. The levels below the 700 are as yet unwatered. As soon as they are unwatered and the mine is on a profitable basis, we plan on sinking below the 1000 level. If the vein extends below this level it will materially increase the reserves at the Walker. This is the most important piece of development work contemplated.

Very truly yours,

TL:P

Tom Lyon

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