

7/11/38
C.M.

Dec. 30, 1938.

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

Dear Tom:

Should Byron Mitchell's bid for diamond drilling at Walker be sufficiently low to be favorably considered, you will have no need to question his Company's responsibility and ability to render satisfactory and speedy work. Their experienced crews get a high core recovery. During the last three years they were given contracts to drill about 6500 feet of (11) holes on the Mouat Nickel Property, in Stillwater County, Montana, and 8500 feet (13 holes) in the Badger Mine at Butte.

You may keep the enclosed letter from W. C. Mitchell for your file.

Yours very truly,

Encl.
MEHG:KM

M. H. GIDEL

Dec. 30, 1938.

Mr. W. C. Mitchell,
Mitchell Diamond Drill Co.,
113 Stillman St.,
San Francisco, Calif.

Dear Bill:

I received your letter of December 27th and note the statement that your firm has submitted a bid on some diamond drill work that is contemplated at the Walker Mine, in Plumas County, California. I am not fully familiar with the program that has been planned at that property. However, I shall be pleased to mention to those concerned the good work which you and your crews accomplished in the extensive diamond drill work done on the Mount property and at the Badger Mine at Butte during the past three years.

With kindest regards and best wishes for the New Year, I remain

Yours very truly,

MEG:KM

M. H. GIDEL

MINERAL EXPOSURE
FROM PAN AND
BRIDGE SIDE TRAILS

STATEMENT OF WORK

1. The purpose of this work is to determine the mineral content of the soil in the area of the bridge side trails. This will be done by using a soil test kit to analyze the soil samples.

2. The work will be done in the following order: first, the soil samples will be collected from the bridge side trails. Then, the soil test kit will be used to analyze the soil samples. Finally, the results of the soil test kit will be reported to the client.

3. The estimated cost of this work is \$1,000.00. This includes the cost of the soil test kit, the cost of the soil samples, and the cost of the report.

*Original Copy sent to
Tom Lyone*

INTERNATIONAL SMELTING AND REFINING CO.



GEOLOGICAL DEPARTMENT
KEARNS BUILDING

SALT LAKE CITY, UTAH

October 22, 1938

*Re Walker Mine
Plumas Co.,
Cal.*

TOM LYON

Mr. M. H. Gidel
526 Hennessy Building
Butte, Montana

Dear Muri:

The igneous rock of which we had a thin section made, appears to be petrographically as follows:

Abundant sericite and chlorite in essentially equal amounts.

Irregular quartz in minor quantities.

Feldspar (orthoclase⁺, plagioclase⁻) remnants throughout section.

No original ferro-magnesian^{minerals} were identified.

A metallic mineral (or minerals) is common and, in all cases, occurs closely associated with the chlorite. It is, at least in part, magnetic and in reflected light is fine-grained and a dark, gun metal grey color. Probably magnetite.

The interpretation of the above data is that the rock was originally a fine-grained granodiorite containing chiefly feldspar (orthoclase) and hornblende which has now become through hydrothermal alteration almost entirely sericite and chlorite. Some silicification probably occurred as shown by the irregular quartz (replacement).

Mr. Lyon tells me that the memorandum I prepared on the Donart Group near Heath, Idaho, has been sent you. I was quite disappointed that more work had not been done since your examination. Under the circumstances I would not feel justified in reaching a different conclusion than you did.

I trust the above rock description is satisfactory and must apologize for my apparent neglect of the matter. However, I have been in the field quite regularly and have been preparing reports, etc. the rest of the time. I like the work here immensely and surely hope I will be able to continue the connection in the future.

With very best regards, I am,

Sincerely yours,

11/2/38 Discussed above with Forester. Perhaps may be directly related to granite batholith. Field work may determine relative age of intrusion to granite. It is possible this dike work may be earlier than granite and related to one dike position in Walker Mine.
M.H. Gidel

JDF:P

P.S. I am returning the section by mail
Received

J.D.F.

September 28, 1937

Walker Mine near Redding Calif

Mr. G. Cleveland Taylor
403 South Bedford Drive
Beverly Hills, California

Dear Mr. Taylor:

I am today in receipt of your letter of September 28th relative to the Walker Mine in the Old Diggings District near Redding California. I note with interest what you say regarding recent developments at this property, but I feel quite sure that the Anaconda Company would not at present be interested in giving consideration to its acquisition.

Our interest in small tonnage low grade gold operations has cooled appreciably of late, and as my impressions of the Walker Mine from what I saw there are none too favorably, I think it would be a waste of your time to consider us in the matter.

Thanking you for bringing this to my attention,

Yours very truly,

FC/EAS

Francis Cameron

Copy to Mr. Gidel

MINING METHODS

The following recommendations are for the proposed short-range development program at the Walker mine. They are listed according to levels.

It is proposed that the recommendations concerning development of the Flute vein on the 6th level be given the preference.

THIRD LEVEL

Continue 363 B Drift northwesterly on the Main vein (North Ore Body) and crosscut to footwall and hangingwall of structure as required.

Object - To prospect the possible northerly extension of the North Ore Body above 480 steps.

Approximate Work -

400' or more of drift
150' or more of crosscuts

SIXTH LEVEL

Continue 517 Drift southwest on projection of ore-bearing vein exposed in 517 B drift southwest.

Object - To develop the downward projection of 517 ore body. There is approximately 800 feet length of vein in 517 B drift which averages about two per cent copper.

Approximate Work

250' of drift or more.

SEVENTH LEVEL

Extend 732 crosscut due east a distance of 60 feet beyond present face at 10 feet east of 703 drift south. Drift both ways on any ore thus exposed.

Object - To cut northerly projection of vein (course N 7° E) exposed in 743 crosscut east (180' S. of 732 crosscut).

Vein in 743 crosscut is three feet wide containing bands of sulphide with some chalcopyrite. Car Sample 1.81 per cent copper.

Approximate Work

Total new crosscut 60'

SEVENTH LEVEL

Drive crosscut N 60° E from offset in 712 drift northwest at point 580 feet southeast of 706 A. Winze.

Object - To cut one or more probable veins lying on the hangingwall of the Main vein opposite the Central ore body. These probable structures are indicated in 709 D. drift and in D. D. Hole No. 8.

First vein cut in D. D. Hole No. 8 contained two feet of quartz assaying two per cent copper.

Approximate Work

Total new crosscut 150° or more.

Drive crosscut N 60° E from 712 Haulage drift starting at a point 400 feet northwest of 706 A. Winze. Drift on any ore thus found.

Object - To explore probable hangingwall splits of vein shown in 712 drift, and in D. D. Hole No. 8, lying in block of ground between northeast faults.

Approximate Work

150° or more crosscut plus drifting.

Continue 706 A. drift southeast on the east split of the Plute vein.

Object - To further prospect this vein.

Approximate work

100° or more.

Drive crosscut S 75° W from 712 D. H. starting at a point 250 feet northwest of 726 A crosscut.

Object - To prospect for possible extension of 712 vein structure northwesterly beyond a north-south fault.

Approximate Work

100 to 150° of crosscut.

EIGHTH LEVEL

Continue 818 A drift northerly on Piute vein and crosscut as required to determine footwall and hangingwall of structure. Upon exposing the north-east fault which terminates the north end of the Piute ore shoot on 700, plan further work from the proposed 800 drift to recover the faulted vein.

Object - To complete the development of the Piute ore body to the northeast fault, and to generally prospect for its further extension to the north or northeast beneath the basalt caprock. This development will enable us to locate better sites for future diamond drill prospecting in this area.

Approximate Work 140' to cover ore projection beneath 700 level
500' or more additional general development.

Continue 886 drift south on Piute vein.

Object - To develop projection of southerly portion of Piute ore shoot beneath ore exposed in 705 A drift. It may ultimately be desirable to continue this drift to the projection of 718 ore body.

Approximate Work - to south end of Piute ore body - 500'
additional work to 718 ore zone 1200'

NINTH LEVEL

Continue 872 B crosscut an additional 200 feet due west beneath Piute incline shaft. This crosscut is now in 68 feet.

Object - To prospect for possible footwall branches of the Piute vein. Small vein structures have been noted in the Piute shaft lying west of the main ore shoot.

Approximate Work - 200'

Drift 886 904 B instead of 800 in ft wall

TENTH LEVEL

6
Continue 1017 lateral for 200 feet northwesterly on same course, then turn crosscut therefrom N 70° E for 100 to 150 feet through projection of 712 ore body.

Object - To develop downward projection of 712 ore body beneath 713 B drift.

Approximate Work

200' lateral
100' - 150' crosscut.

Drive crosscut S 75° E from 1017 Drift northwest starting same at a point 220 feet south of 1008 B crosscut northeast.

Object - To prospect for possible northerly projection of North Ore body beyond a north-south fault zone.

Approximate Work

200' of crosscut.

M. H. Gidel

*Tuesday Union Sham
CANTON, MINN. CO.*

MEMORANDUM

Walker Mine
Person

The following recommendations are for the proposed short-range development program at the Walker mine. They are listed according to levels.

It is proposed that the recommendations concerning development of the Plute vein on the 8th level be given the preference.

THIRD LEVEL

Continue 563 B Drift northwesterly on the Main vein (North Ore Body) and crosscut to footwall and hangingwall of structure as required.

Object - To prospect the possible northerly extension of the North Ore Body above 400 stops.

Approximate Work -

400' or more of drift
150' or more of crosscuts

SIXTH LEVEL

Continue 519 Drift southwest on projection of ore-bearing vein exposed in 517 B drift southwest.

Object - To develop the downward projection of 517 ore body. There is approximately 200 feet length of vein in 517 B drift which averages about two per cent copper.

Approximate Work

250' of drift or more.

SEVENTH LEVEL

① Extend 732 crosscut due east a distance of 60 feet beyond present face at 10 feet east of 703 drift south. Drift both ways on any ore thus exposed.

Object - To cut northerly projection of vein (course N 7° E) exposed in 743 crosscut east (150' S. of 732 crosscut).

Vein in 743 crosscut is three feet wide containing bands of sulphide with some chalcopyrite. Car Sample 1.21 per cent copper.

Approximate Work

Total new crosscut 60'

SEVENTH LEVEL

② Drive crosscut N 60° E from offset in 712 drift northwest at point 300 feet southeast of 708 A. Winze.

Object - To cut one or more probable veins lying on the hangingwall of the Main vein opposite the Central ore body. These probable structures are indicated in 709 D. drift and in D. D. Hole No. 8.

First vein cut in D. D. Hole No. 8 contained two feet of quartz assaying two per cent copper.

Approximate Work

Total new crosscut 150' or more.

③ Drive crosscut N 60° E from 712 Haulage drift starting at a point 400 feet northwest of 708 A. Winze. Drift on any ore thus found.

Object - To explore probable hangingwall splits of vein shown in 712 drift, and in D. D. Hole No. 8, lying in block of ground between northeast faults.

Approximate Work

150' or more crosscut plus drifting.

④ Continue 735 A. drift southeast on the east split of the Plute vein.

Object - To further prospect this vein.

Approximate work

100' or more.

⑤ Drive crosscut S 75° W from 712 D. W. starting at a point 250 feet northwest of 728 A crosscut.

Object - To prospect for possible extension of 712 vein structure northwesterly beyond a north-south fault.

Approximate Work

100 to 150' of crosscut.

EIGHTH LEVEL

① Continue 618 A drift northerly on Piute vein and crosscut as required to determine footwall and hangingwall of structure. Upon exposing the northeast fault which terminates the north end of the Piute ore shoot on 700, plan further work from the proposed 800 drift to recover the faulted vein.

Object - To complete the development of the Piute ore body to the northeast fault, and to generally prospect for its further extension to the north or northeast beneath the basalt caprock. This development will enable us to locate better sites for future diamond drill prospecting in this area.

Approximate Work 140' to cover ore projection beneath 700 level
600' or more additional general development.

② Continue 626 drift south on Piute vein.

Object - To develop projection of southerly portion of Piute ore shoot beneath ore exposed in 705 A drift. It may ultimately be desirable to continue this drift to the projection of 712 ore body.

Approximate Work - to south end of Piute ore body - 500'
additional work to 712 ore zone 1200'

NINTH LEVEL

Continue 972 B crosscut an additional 200 feet due west beneath Piute Incline shaft. This crosscut is now in 35 feet.

Object - To prospect for possible footwall branches of the Piute vein. Small vein structures have been noted in the Piute shaft lying west of the main ore shoot.

Approximate Work - 200'

TENTH LEVEL

Continue 1017 lateral for 200 feet northwesterly on same course, then turn crosscut therefrom N 70° E for 100 to 150 feet through projection of 718 ore body.

Object - To develop downward projection of 718 ore body beneath 719 B drift.

Approximate Work

200' lateral
100' - 150' crosscut.

Drive crosscut S 75° W from 1017 Drift northwest starting same at a point 220 feet south of 1008 B crosscut northeast.

Object - To prospect for possible northerly projection of North Ore body beyond a north-south fault zone.

Approximate Work

200' of crosscut.

*Added - Explor 105° E x c. with further connection
to cut 517 B drift vertically. Or downward drive
P.V.S.*

Walker

Aug. 5, 1938.

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

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,

MHG:KM

M. H. GIDEL

INTERNATIONAL SMELTING AND REFINING CO.



GEOLOGICAL DEPARTMENT
KEARNS BUILDING

SALT LAKE CITY, UTAH

August 3, 1938

Mr. M. H. Gidel, Asst. Chief Geologist
Anaconda Copper Company
P. O. Box 26
Butte, Montana

Dear Sir:

As per your request, I am sending you to-day a complete set of prints of the 200 scale level maps of the Walker mine, together with prints of typical cross-sections through the various Walker ore bodies, a sketch map of the Yankee-Mountain View area at Tintic, and the Rico maps which you desired. Due to a rush of business in the office here we are a day late in getting these mailed but hope that the delay will not inconvenience you. You will note that among the Walker plan maps there is a surface sheet which we can use as a base map for the surface mapping.

I hope to be able by next week to finish mapping all the old workings now accessible in the May Day area of the Mountain View property and then will prepare a more complete and accurate map to show the development work which will be proposed for the exploration of the lower Pine Canyon ore bed in Yankee ground.

Mr. Weed's set of plan maps and the long section of the Walker mine will also be ready within a day or two. Do you know whether we should send these maps and my list of development projects for Tintic to him at Butte or to his New York office?

With Best regards,

Very truly yours,

MBK/S

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NIGHT LETTER	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

COPY OF WESTERN UNION TELEGRAM

BUTTE, MONTANA. JULY 13, 1938.

J. O. ELTON,
820 KEARNS BLDG.,
SALT LAKE CITY, UTAH.

RECEIVED FOLLOWING WIRE FROM MR. WEED QUOTE UNLESS CONDITIONS IN MEXICO INTERFERE IN WHICH CASE I WILL ADVISE YOU I EXPECT TO BE IN SALT LAKE CITY SUNDAY, JULY 17. HOPE YOU CAN MEET ME THERE NOT LATER THAN MONDAY MORNING FOR TRIP TO WALKER AND AROUND UTAH. PLEASE ADVISE ELTON'S OFFICE UNQUOTE I WILL ARRIVE SALT LAKE NEXT MONDAY MORNING UNLESS ADVISED OTHERWISE.

M. H. GIDEL

(Chg. A. C. M. Co.)
(Geological Department)

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION (13)

R. S. WHITE
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

SYMBOLS

- DL = Day Letter
- NM = Night Message
- NL = Night Letter
- LC = Deferred Cable
- NLT = Cable Night Letter
- Ship Radiogram

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Received at 16 East Broadway, Butte, Mont.

Always
Open

1938 JUL 13 AM 11 20

KHA45 43 DL=HOUGHTON MICH 13 1153A

MURL H GIDDEL=

HENNESSY BLDG BUTTE MONT=

UNLESS CONDITIONS IN MEXICO INTERFERE IN WHICH CASE I WILL ADVISE YOU I EXPECT TO BE IN SALTLAKECITY SUNDAY JULY 17. HOPE YOU CAN MEET ME THERE NOT LATER THAN MONDAY MORNING FOR TRIP TO WALKER AND AROUND UTAH. PLEASE ADVISE ELTON'S OFFICE=C E WEED.

Walker

July 6, 1938.

Mr. Seth K. Droubay,
Walker Mining Co.,
Walkermine, Calif.

Dear Droubay:

This will acknowledge your letter of June 13th, together with a tabulation showing Walker Mine ore reserves as of June 1, 1938, also a geological map showing the possible position of the Walker vein northerly from the Piute Mine workings. I will discuss the matter of extra locations with Lyon on my next trip to Salt Lake.

I am indeed pleased to learn that they have found some work for you with Stephens for the summer.

Yours very truly,

RHS:KM

July 5, 1938.

Mr. John F. Dugan,
820 Kearns Bldg.,
Salt Lake City, Utah.

Dear Jack:

I have your letter of the 2nd, and note that Mr. Wood
plans to be in Salt Lake on the 16th or 17th of July.

With kindest regards, I am

Very truly yours,

RHS:KM

ANACONDA COPPER MINING COMPANY

Walker

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



BUTTE, MONTANA

GEOLOGICAL DEPARTMENT

New York, N. Y., June 15, 1938.

Mr. M. H. Gidel,
P. O. Box 26,
Butte, Montana.

Dear Murl:

About the middle of July Mr. Weed is going to visit the Walker Mine. I wish you would make your plans so that you may accompany him, if possible. He will advise you more definitely of the date a little later.

Very truly yours,

Reno H. Sales

CHIEF GEOLOGIST

RHS:F
CC: C. E. Weed.

Butte, Mont., Sept. 20, 1920

Mr. V. A. Hart, Mgr.
Walker Mining Co.,
Portola, Calif.

Dear Mr. Hart:

I have just returned from examination work in Nevada and am therefore late in forwarding your results on samples which we took on the Plince property. The ore in bin is not as good as we expected.

	Gold	Silver	Copper
No. 1 - Ore in bin	Tr.	Tr.	2.64%
No. 2 - Tailings	Tr.	0.3 oz.	3.66%
No. 3 - Limonite outcrop	Tr.	0.3 oz.	

Samples No. 1 and 2 are the reverse of what we expected, and I suspect an interchange of tags, or I got a sulphate enriched product below the crust of the tailings pile.

At any rate, I do not think the property worthy of special attention at this time while the copper market is at a low ebb.

Very truly yours,

M. H. G.

MHG RL

WALKER MINING COMPANY
PLUMAS COUNTY, CALIFORNIA

FREIGHT ADDRESS:
GULLING
POSTOFFICE AND EXPRESS:
PORTOLA

V. A. HART, MANAGER

Portola, Calif., Dec. 30, 1919.

Mr. M. H. Gidel,
Geological Dep't., Anaconda Copper Mining Co.,
Butte, Montana.

Dear Mr. Gidel:

I wish to acknowledge receipt of the 100-scale maps and sections. I should like very much to have a set of colored white prints of same. I note that some of the workings are beyond the bounds of the 40-scale set. Therefore, I believe it would be more satisfactory to return that set to us for posting before any geological data is placed on them.

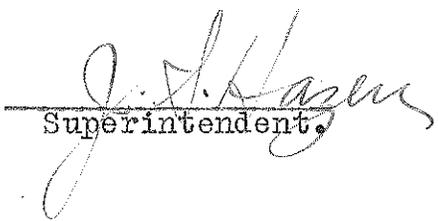
We now have a drill hole in 247' in the lower adit, and at a later date will send you a sketch of this, and the work of the last few weeks. We expect to reach the best portion of the vein within a short time.

With best regards.

Yours very truly,

WALKER MINING CO.

JSH-MWT


Superintendent.

WALKER MINING COMPANY
PLUMAS COUNTY, CALIFORNIA

FREIGHT ADDRESS:
GULLING
POSTOFFICE AND EXPRESS:
PORTOLA

V. A. HART, MANAGER

Portola, Calif., Feb. 4, 1920.

Mr. M. H. Gidel,
c/o Anaconda Copper Mining Co.,
Butte, Montana.

Dear Sir:

I wish to acknowledge receipt of the following maps:

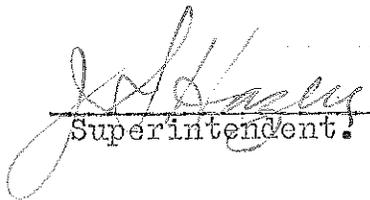
- 100-scale set Level Maps, Walker Mine - White Prints
- 100-scale set Sections, - White Prints
- 20-scale tracing of Third and Fourth Levels
- Report on the Nevada Con., together with your Report.

Under separate cover please find blue prints of the
Tunnel and North Drift to date.

Yours very truly,

WALKER MINING CO.

JSH-MWT


Superintendent.

International Smelting Company

WM. WRAITH
GENERAL MANAGER

O. M. KUCHS
ASSISTANT GENERAL MANAGER

SALT LAKE CITY, UTAH. Dec. 29, 1919.

Mr. M. H. Gidel,
Geological Dept.,
Anaconda Copper Mining Company,
Butte, Montana.

Dear Sir:-

I wish to acknowledge receipt by express of two sets of white prints of plans and sections of the Walker Mine, one set of which is for Mr. Wraith.

Also, the two larger scale prints which belong to the report by Mr. Sales on file in this office.

Thanking you, I remain

Yours truly,

OMK:H



Asst. General Manager.

Butte, Mont.,

Dec. 26, 1919

Mr. O. M. Kuchs,
618 Kearns Building,
Salt Lake City, Utah.

Dear Sir:-

I am sending you by express today, two sets of white prints of plans and sections of the Walker Mine, one set of each for your office and for Mr. Wraith. The tracings were forwarded to Mr. Hart last Tuesday.

You will also find with these maps two larger scale prints, which you loaned me and which belong with the report by Mr. Sales now on file in your office.

Very truly yours

MHG EL

ANACONDA COPPER MINING COMPANY

25 BROADWAY

NEW YORK, May 27, 1937.

Mr. M. H. Gidel,
P. O. Box 26,
Butte, Montana.

Dear Murl:-

Whenever you feel that Broadwater has had sufficient preliminary work to enable him to carry on at the Walker, please get in touch with Jack Dugan and advise him when he can expect Broadwater to go to the Walker Mine.

Shea or Steele or someone there should check up pretty carefully on Broadwater's note-taking to be sure that he understands what it is all about.

Very truly yours,

Paul H. Jones

RHS/G

Started in Geol. Office May 19th, continuous training for 6 weeks.

*Reported to International Office July 1st
M.H.G.*