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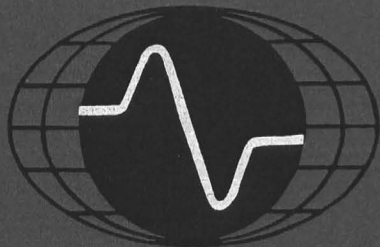
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HEINRICH'S  
**GEOEX**



GEOPHYSICAL ENGINEERS  
TUCSON, ARIZONA

ALASKA MINE



Qal  
Ks  
Ta

HEINRICH'S GEOEXPLORATION CO.



BOX 5671 TUCSON, ARIZONA 85703

Phone: (AREA 602) 623-0578

QAL TA

QAL

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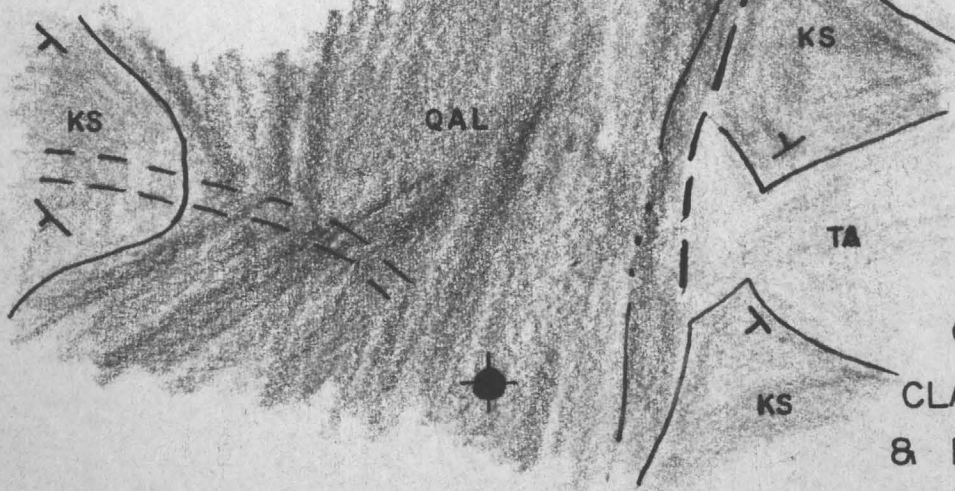
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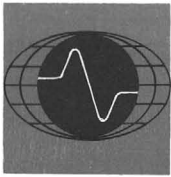
TA

KS

WELL LOCATION  
2200' FROM WEST LINE AND  
1300' FROM SOUTH LINE OF  
SEC.13 T22S R11E  
SANTA CRUZ COUNTY,  
ARIZONA



GEOLOGIC SKETCH  
CLARKE WATER WELL  
& MINERAL PROSPECT  
SCALE 1" = 200' APPROX.



S T A T E M E N T

**HEINRICHS GEOEXPLORATION COMPANY**

806 WEST GRANT ROAD, TUCSON, ARIZONA, 85703. P.O. BOX 5671. PHONE: (AREA CODE 602) 623-0578

September 20, 1966

Mr. Mike Clark  
4845 East Glenn  
Tucson, Arizona

Re: Geology Examination  
Santa Cruz Co., Ariz.

Examination of area and report	\$225.00
Assays (at cost)	8.25
Total	\$233.25



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Examination of area and report	\$225.00
Assays (at cost)	8.25
Total	\$233.25

# MEMO

from

To Mike Clark file Date \_\_\_\_\_ Time \_\_\_\_\_

Black Cow Claims

— V —

Drill Hole #1

Location?

GEOLOGY EXAMINATION OF MINING PROPERTY NEAR  
ORO BLANCO, SANTA CRUZ COUNTY, ARIZONA

For

Mr. Mike Clark  
4845 East Glenn  
Tucson, Arizona

September 1966

By

Heinrichs Geoexploration Company  
P. O. Box 5671 Tucson, Arizona  
Phone: 623-0578 Area Code: 602

215  
Western Oklahoma  
27 OCT 1968

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## INTRODUCTION

At the request of Mr. Mike Clarke, Heinrichs Geoexploration Company examined mining property near Oro Blanco, Santa Cruz County, Arizona on September 6, 1966.

Mr. Clarke's mining property consists of a group of eight unpatented claims located approximately in the northwest quarter of Section 6, T23S, R11E, about three miles south-southeast of the old community of Oro Blanco as shown on the Oro Blanco quadrangle. The mineralized zone is on a low, elongate hill trending approximately from north-northwest to south-southeast. The mineralized zone was explored by three short adits put in by Mr. Clarke and by several very old prospect pits. All of the area of interest was not seen so we are relying to a considerable extent on Mr. Clarke's description of that part of the area. Because of the recent rains the area is covered with a lush growth of tall grass that makes field observation difficult and unsatisfactory.

## GEOLOGY

The rocks observed within the mineralized area on the low hill consists primarily of a porphyritic type of rock having coarse, light gray to white feldspar phenocrysts set in a very fine grained dark gray matrix which is tentatively classified as andesite porphyry. Another rock which is closely associated with the porphyry is a coarse grained, light colored nearly equigranular rock having the appearance of quartz monzonite. It appears that the monzonitic rock is intrusive into the porphyry but this suggested relationship is not definitely established. The monzonitic rock seems to be fresh, unaltered and barren, but it is somewhat decomposed by surface weathering.

Apparently only the andesite porphyry is mineralized. This weathers dark brown or nearly black and according to Mr. Clarke the entire mineralized zone has a distinctive dark colored appearance during the dry season when it is not covered with grass.

The dark color of the andesite is caused by thin films of impure limonite coating the outcrops and joint surfaces of the rocks and filling vugs and cavities in the rock. Larger masses having limonite in the vugs have the appearance of iron gossan and definitely indicate that the limonite is a residue left after

some other material has been taken into solution and transported away. In other specimens it appears that limonite has precipitated from solution to form thin veinlets in fractured rock and films on joint surfaces.

Films and veinlets of typical dark brown to black gossan-like material in the weathered zone were collected for spectrographic analysis. The material contained considerable iron and manganese and minor amounts of copper and lead. It also contained trace amounts of the elements calcium, magnesium, silica, aluminum, titanium and barium, but these are relatively unimportant to our problem.

The iron stained zone can be observed in several prospect pits but appears to extend only to shallow depths. Near the south end of the zone is a pit in which the iron stained zone passes into very hard mineralized porphyry at a depth of three to four feet. About fifteen feet lower is a short adit of which the face is almost directly below the prospect pit and is also in very hard, slightly mineralized porphyry. Similar rock, also containing traces of copper, is exposed in several outcrops throughout the area examined. Determination could not be made whether the soft, altered rock or the very hard rock is the more intensely mineralized.

A chip sample of the very hard mineralized rock was taken from the shallow cut just above the adit. The sample indicates that this ore is rich enough to be mined commercially if it exists in very large bodies, however, the sample was selected so as to be slightly higher grade than the average of the face from which it was collected. The sample assayed as follows:

Gold	0.003 ounces per ton	Lead	0.20 percent
Silver	0.40 ounces per ton	Copper	0.87 percent

Mr. Clarke's mineralized zone certainly is very unusual for a disseminated or porphyry-type ore body as it lacks the shattered or brecciated host rock, the intensity of alteration and the typical gossan so frequently associated with porphyry copper deposits. Nevertheless, evidence of mineralization extends over a large area and, although the ore may be very low grade, some additional exploration is justified.

Mr. Clarke discussed different possibilities of exploring his property and agreed upon a program that is only a slight modification

of his original plan. We propose to extend an adit northward about ten or fifteen feet to test the mineralized zone just beneath the shallow prospect pit where the sample was cut. We also agreed to drill a short vertical diamond drill hole about 100 feet south of the adit to see if the overburden in this area is underlain by ore. Both the adit and drill core are to be carefully sampled and assayed. Since discussing this program in the field, Mr. Clarke has decided to clean out and deepen some of the old prospect pits to see if they are underlain by the hard, disseminated sulfide ore.

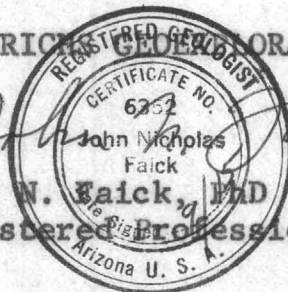
#### CONCLUSION AND RECOMMENDATIONS

A small amount of additional exploration work is justified on Mr. Clarke's property in order to determine the extent of the mineralized zone. If the zone is large enough then this low grade ore might have commercial possibilities, however, this seems unlikely. A conservative exploration program should be followed because of the relatively high risk involved in early stages of exploration of low-grade deposits.

Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

John N. Faick, PhD  
Registered Professional Geologist



September 13, 1966  
P. O. Box 5671  
Tucson, Arizona

# SOUTHWESTERN ASSAYERS & CHEMISTS

REGISTERED ASSAYERS

FELIX K. DURAZO  
WIL WRIGHT  
ARIZONA REG. NO. 5875

P. O. BOX 7517  
TUCSON, ARIZONA 85713

710 E. EVANS BLVD.  
PHONE 602-294-5811

Mister John Faick  
2238 East Grant Road  
Tucson, Arizona

JOB# 000319  
RECEIVED 9-6-66  
REPORTED 9-8-66

SAMPLE NUMBER	GOLD OZ.	SILVER OZ.	LEAD %	ZINC %	COPPER %	MOLYBDENUM
MC-1	.003	.40	.20		.87	

DEED AND ASSIGNMENT OF MINING CLAIMS

-----

This indenture made and entered into at Tucson, Pima County, Arizona, this \_\_\_\_\_ day of \_\_\_\_\_, 1961, by and between MIKE CLARKE, Party of the First Part, and DANIEL L. E. HUCKINS, Party of the Second Part,

W I T N E S S E T H:

That said Party of the First Part for and in consideration of the sum of TEN (\$10.00) DOLLARS, lawful money of the United States of America, and other valuable considerations, to him in hand paid by the Party of the Second Part, receipt of which is hereby acknowledged, and in further consideration of the covenants hereinafter set forth, does by these presents bargain, sell, convey and confirm unto said Party of the Second Part, and to his heirs and assigns forever, all his right, title and interest, in and to those certain mining claims, situate, lying and being in the County of Santa Cruz, State of Arizona, more particularly described as follows, to-wit:

CHERRY NO. 1 - NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , Sec. 29, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 558 thereof.

CHERRY NO. 2 - SE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , Sec. 29, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 559 thereof.

CHERRY NO. 3 - SW  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , Sec. 29, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 559 thereof.

CHERRY NO. 4 - NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , Sec. 29, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 560 thereof.

CAROL NO. 1 - SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , Sec. 29, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 560 thereof.

CAROL NO. 2 - SE  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , Sec. 30, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 561 thereof.

CAROL NO. 3 - NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$ , Sec. 31, T 23 S, R 11 E, recorded in the County Recorder, Santa Cruz County, Book 30 M L, Page 562 thereof.

1 That said Party of the Second Part agrees to pay annually  
2 to the said Party of the First Part 5% of the ~~gross~~<sup>NET</sup> profits realized  
3 from mining operations conducted by Party of the Second Part on  
4 the described claims; provided that any annual operating or mining  
5 net losses sustained by Party of the Second Part while engaged in  
6 the mining business on said claims, may be tacked forward annually  
7 as an offset against net profits annually realized by Party of the  
8 Second Part on said claims. In the event Party of the Second Part  
9 sells or assigns the described mining claims, or otherwise disposes  
10 of said mining claims, 5% of the net proceeds realized therefrom  
11 will be paid to Party of the First Part, less any offsets from  
12 loss tacks here defined.

13 SUBJECT TO:

- 14 1. A right of way for cattle through a canyon described  
15 as the California Gulch which crosses the above described mining  
16 claims.
- 17 2. The Party of the Second Part to file annual affidavits  
18 for performance of assessment labor on said described mining  
19 claims.
- 20 3. The Party of the Second Part to save Party of the  
21 First Part harmless from any claims or liens resulting from use  
22 of the above described claims for mining purposes.

23 TO HAVE AND TO HOLD all and singular, the above des-  
24 cribed premises, together with the appurtenances and privileges  
25 thereunto incident, unto the said Party of the Second Part, his  
26 heirs and assigns forever.

27 IN WITNESS WHEREOF, the said Party of the First Part  
28 has hereunto set his hand the day and year first above written.

29  
30 Mike Clarke  
Mike Clarke

31 Daniel L. E. Hutchins  
32 DANIEL L. E. HUTCHINS

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STATE OF ARIZONA )  
                          ) SS.  
COUNTY OF PIMA     )

          This instrument was acknowledged before me this \_\_\_\_\_  
day of \_\_\_\_\_, 1961, by MIKE CLARKE.

\_\_\_\_\_  
Notary Public.

My commission expires:  
\_\_\_\_\_

Mike Clarke

MINING LEASE

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This indenture made and entered into at Tucson, Pima County, Arizona, by and between DANIEL L. E. HUCKINS, a single man, herein called "Lessee", and DANIEL WEST CLARKE and MICHAEL B. CLARKE, herein collectively called "Lessor".

W I T N E S S E T H:

That Lessor is the owner of a certain patented mining claim located in the Oro Blanco Mining district, Santa Cruz County, Arizona, in the Northwest 1/4 of the Southwest 1/4 of Section 29 and the Southwest 1/4 of the Southwest 1/4 of Section 29, all in Township 23 South, Range 11 E, G. & S. R. B. & M., Santa Cruz County, Arizona, commonly known as the San Pedro Claim.

That Lessor hereby lease unto Lessee the above described mining claim upon the following terms and conditions:

TERM OF LEASE - That the term of this Lease is for six (6) years, commencing April 1st., 1961, and expiring March 31, 1967.

LEASE RENTAL - In consideration of the Lessee constructing a dam at a suitable site in a stream bed known as the California Gulch, located on said described property, and provided further that said dam is adequately based upon bedrock and suited to support a superstructure at a minimum of 15 feet in height, and that said dam be constructed by Lessee to a minimum height of 6 feet on or before the first four years of the term of this Lease. If Lessee diligently and reasonably performs as aforesaid within the first four years of the terms of this Lease, he shall occupy the described claim rent free in consideration therefor during said period, and upon completion of said anticipated dam within four years of this term, Lessor rents unto Lessee the balance of the term of this Lease rent free in full consideration therefor.



1            ASSIGNABILITY - This Lease is fully assignable by either  
2 party hereto, and is binding upon the heirs, assigns, and per-  
3 sonal representatives of these parties.

4            TERMINATION AND CANCELLATION - In the event Lessee per-  
5 forms as hereinbefore related, the term of this Lease will expire  
6 on March 31, 1967, as above set forth. Should Lessee fail to  
7 diligently perform as above set forth during the term of this  
8 Lease, Lessor will notify Lessee in writing of the breach, where-  
9 upon if Lessee then fails to perform as required hereunder within  
10 a reasonable period therefrom, this Lease will terminate and re-  
11 vert to Lessor; Lessee may terminate this Lease by delivering  
12 written notice of his intention so to terminate to Lessor, where-  
13 upon leased premises will revert to Lessor, including any im-  
14 provements or partial improvements thereon, if any. During the  
15 active term of this Lease Lessee warrants to Lessor that he will  
16 cause no liens for material or labor performed by Lessee to  
17 cloud Lessor's title.

18            USE OF LEASED PREMISES - So long as Lessee actively and  
19 reasonably performs his covenants hereunder, he shall be entitled  
20 to, for the full term of this Lease, the exclusive use and owner-  
21 ship of all minerals and mineral by-products produced from the  
22 leased premises, including such surface rights as are necessary  
23 in the conduct of mining operations thereon.

24            IN WITNESS WHEREOF, the undersigned have set their hands  
25 on the date and at the place above specified.

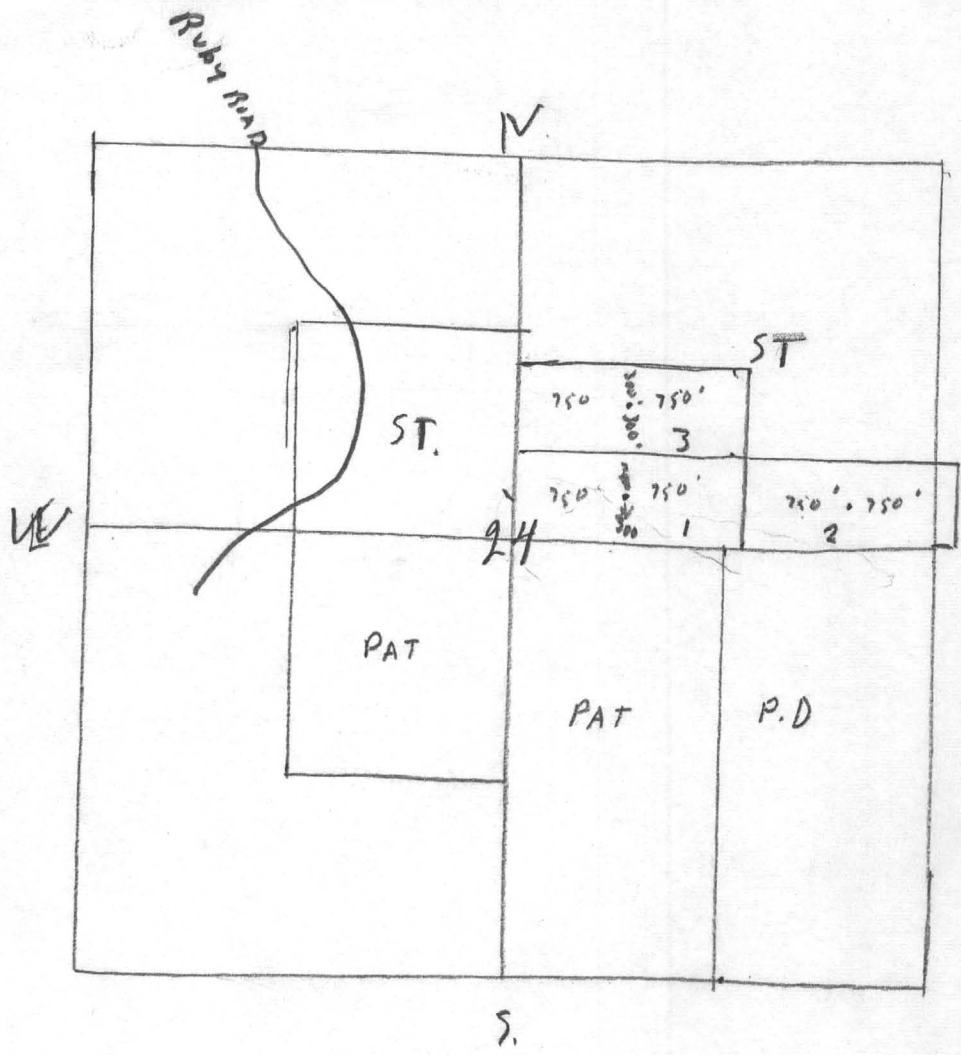
26 \_\_\_\_\_  
   Daniel L. E. Huckins

27 \_\_\_\_\_  
28     Daniel West Clarke

29 \_\_\_\_\_  
30     Michael B. Clarke

31            Dated at Tucson, Arizona, this \_\_\_\_\_ day of \_\_\_\_\_,  
32 1961.

Sec. 24.  
T. 22 S  
R. 10 E



NOTICE OF LOCATION

INDEXED  
PHOTODUPLICATED  
BOOK 005 PAGE 156

NOTICE IS HEREBY GIVEN That the San Felipe Mining

Claim was located by Mike Clarke

on this 22 day of Feb. 19 57, for mining purposes. Said claim

is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is

east and west

and is situated in the Oro Blanco Mining District Santa Cruz

County, Arizona, about 3 qts. mi. from the Tonkin

Well in a S.E. DIRECTION and is in the S.E. corner of sec 13

R. I. O. E. T. 22S

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 750

feet in a east direction to the east center

end monument, or stake, and 750 feet in a west direction from

the aforesaid location monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Locator.

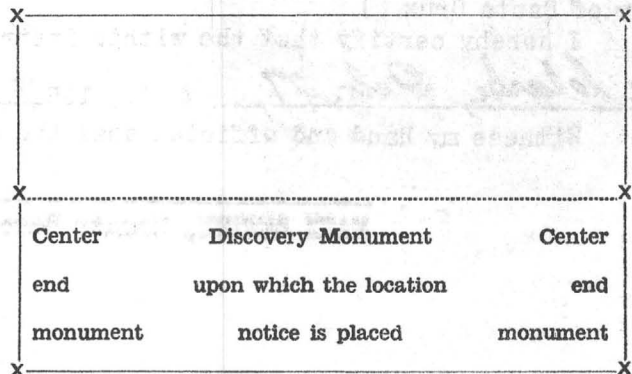
How to fill out a location notice:

How to monument a claim:

NOTICE OF LOCATION

Notice is hereby given that the COPPER KING Mining Claim was located by JOHN DOE AND RICHARD ROE on this the 11th day of June 1950, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The general course of this claim is NORTH AND SOUTH and it is situated in the WRIGHTSON mining district SANTA CRUZ County, Arizona, about TWO MILES SOUTH-EAST FROM ROCK PEAK. This claim runs from the discovery monument or stake, upon which the notice is posted 750 feet in a SOUTHERLY direction to the SOUTHERLY center end monument, or stake, and 750 feet in a NORTHERLY direction from the aforesaid location monument, or stake, to the NORTHERLY center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

NOTICE OF LOCATION

OF THE

*San Felipe*

MINING CLAIM

STATE OF ARIZONA

*Santa Cruz* County, } ss.

I, *Mike Clarke*

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this

..... day of ..... 19.....

(Seal)

This claim is a re-location of an abandoned mining claim known as the

BOOK

005 Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

PAGE 157

STATE OF ARIZONA ) ss.  
County of Santa Cruz )

NO. 0459

I hereby certify that the within instrument was filed and recorded at the request of

*Mike Clarke, Feb. 27, A. D., 1957 at 9:01 A. M. DOCKET NO. 5 Page 156.*

Witness my hand and official seal the day and year aforesaid.

By

*Stephen M. Jones*

MARY REINIX, County Recorder

Deputy County Recorder

# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the Tonkin # II Mining Claim was located by Mike B. Clarke on this 4th day of April 1956, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is

North and South and is situated in the Oro Blanco Mining District Santa Cruz County, Arizona, about South easterly direction from Tonkin well approx 300 yd - Township 22 S, Sec. 13, and borders adjacent to Tonkin # I on east side of Tonkin # I

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 1000, one thousand feet in a Southerly direction to the South center end monument, or stake, and 500 feet in a Northerly direction from the aforesaid location monument, or stake, to the center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Mike B. Clarke

Locator.

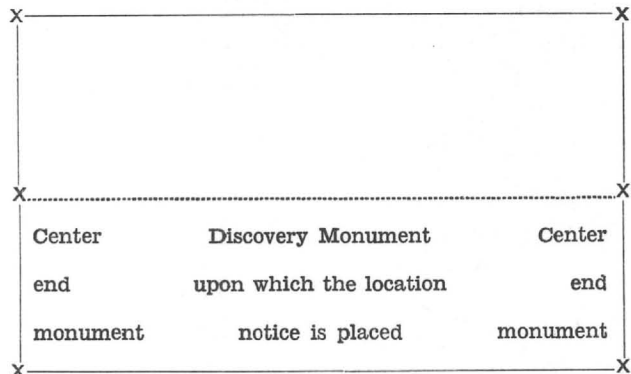
How to fill out a location notice:

How to monument a claim:

## NOTICE OF LOCATION

Notice is hereby given that the ...COPPER KING... Mining Claim was located by ...JOHN DOE AND RICHARD ROE... on this the ...11th... day of ...June... 1950, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The general course of this claim is...NORTH AND SOUTH...and it is situated in the ...WRIGHTSON... mining district...SANTA CRUZ...County, Arizona, about ...TWO MILES...SOUTH-EAST FROM ROCK PEAK... This claim runs from the discovery monument or stake, upon which the notice is posted...750...feet in a ...SOUTHERLY... direction to the ...SOUTHERLY... center end monument, or stake, and ...750...feet in a ...NORTHERLY...direction from the aforesaid location monument, or stake, to the ...NORTHERLY... center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

NOTICE OF LOCATION  
OF THE

MINING CLAIM

STATE OF ARIZONA

Santa Cruz } ss. County,

I, *Mike B. Clark*

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this

4<sup>th</sup> day of APRIL 19 54

*Mike B. Clark* (Seal)

This claim is a re-location of an abandoned mining claim known as the

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the TOKKIN # 1 Mining Claim was located by MIKE B CLARKE on this 4th day of APRIL 1956, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is North and South and is situated in the ORO BLANCO Mining District Santa CRUZ County, Arizona, about Location monument about 300 yards from TOKKIN'S well in a southerly direction

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, southerly 750 feet in a southerly direction to the south center end monument, or stake, and 750 feet in a northerly direction from the aforesaid location monument, or stake, to the North center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Witness Rynaldo Garcia

Mike B. Clarke

Locator.

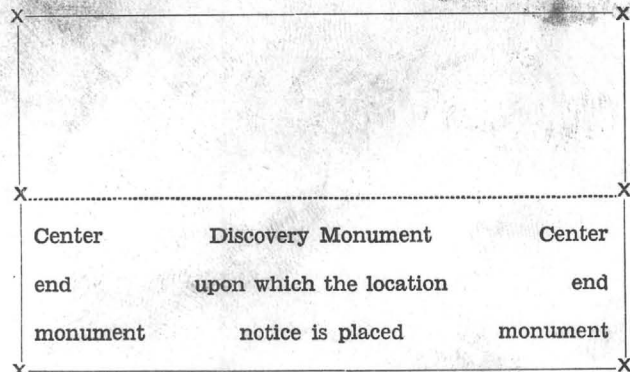
How to fill out a location notice:

## NOTICE OF LOCATION

Notice is hereby given that the ...COPPER KING... Mining Claim was located by ...JOHN DOE AND RICHARD ROE... on this the ...11th... day of ...June... 1950, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The general course of this claim is ...NORTH AND SOUTH... and it is situated in the ...WRIGHTSON... mining district ...SANTA CRUZ... County, Arizona, about ...TWO MILES... SOUTH-EAST FROM ROCK PEAK... This claim runs from the discovery monument or stake, upon which the notice is posted ...750... feet in a ...SOUTHERLY... direction to the ...SOUTHERLY... center end monument, or stake, and ...750... feet in a ...NORTHERLY... direction from the aforesaid location monument, or stake, to the ...NORTHERLY... center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

**JOHN DOE,  
RICHARD ROE,**  
Locators.

How to monument a claim:



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

**NOTICE OF LOCATION**  
**OF THE**

**MINING CLAIM**

STATE OF ARIZONA

} ss.  
County,

I, .....  
hereby certify that I am a locator of the within  
named claim and that the location work was per-  
formed thereon within 90 days from the date of loca-  
tion, to the full amount and in the manner required  
by law.

WITNESS My hand and seal this .....

..... day of ..... 19.....

..... (Seal)

This claim is a re-location of an abandoned mining  
claim known as the

.....  
Mining Claim. (When you re-locate an old claim do  
not fail to write the name of the old claim on the  
above blank line.)



# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the TONKIN # I Mining Claim was located by MIKE B. CLARKE on this 4th day of APRIL 1956, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is NORTH and SOUTH and is situated in the ORO BLANCO Mining District Santa Cruz County, Arizona, about 300 feet in southerly direction from the "TONKIN" well in Township 22 S Sec. # 13

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)  
 This claim runs from the discovery monument, or stake on which the notice is posted, 1000' one thousand feet in a Southerly direction to the South center end monument, or stake, and 500 feet in a Northerly direction from the aforesaid location monument, or stake, to the North center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Mike B. Clarke  
 Locator.

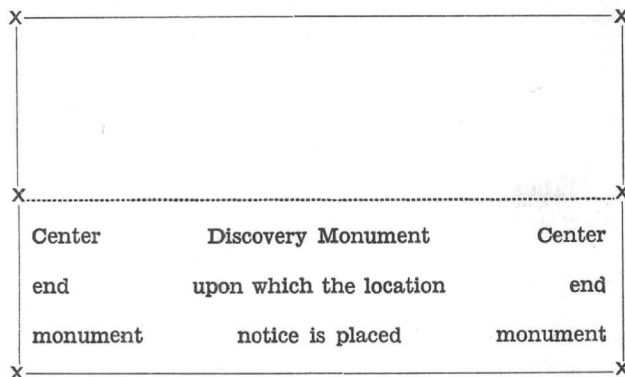
How to fill out a location notice:

How to monument a claim:

## NOTICE OF LOCATION

Notice is hereby given that the ...COPPER KING... Mining Claim was located by ...JOHN DOE AND RICHARD ROE... on this the ...11th... day of ...June... 1950, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The general course of this claim is...NORTH AND SOUTH...and it is situated in the ...WRIGHTSON... mining district...SANTA CRUZ...County, Arizona, about ...TWO MILES...SOUTH-EAST FROM ROCK PEAK... This claim runs from the discovery monument or stake, upon which the notice is posted...750...feet in a ...SOUTHERLY... direction to the ...SOUTHERLY... center end monument, or stake, and ...750...feet in a ...NORTHERLY...direction from the aforesaid location monument, or stake, to the ...NORTHERLY... center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

JOHN DOE,  
 RICHARD ROE,  
 Locators.



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

NOTICE OF LOCATION  
OF THE

MINING CLAIM

STATE OF ARIZONA

*Santa Cruz* } ss.  
County,

I, *Mike B. Clarke*

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this *424*

day of *April* 19 *56*

*Mike B. Clarke* (Seal)

This claim is a re-location of an abandoned mining claim known as the

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the San Felipe no. B 5 Mining  
Claim was located by Mike Clarke  
on this 3<sup>rd</sup> day of Feb., 1958, for mining purposes. Said claim  
is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each  
side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is  
east and west  
and is situated in the Oro Blanco Mining District  
Santa Cruz County, Arizona, about the west end lies  
adjacent to the east end of San Felipe no. 10.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 750  
feet in a eastern direction to the east center  
end monument, or stake, and 750 feet in a western direction from  
the aforesaid monument, or stake, to the west center end monument  
or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side  
of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Locator.

How to fill out a location notice:



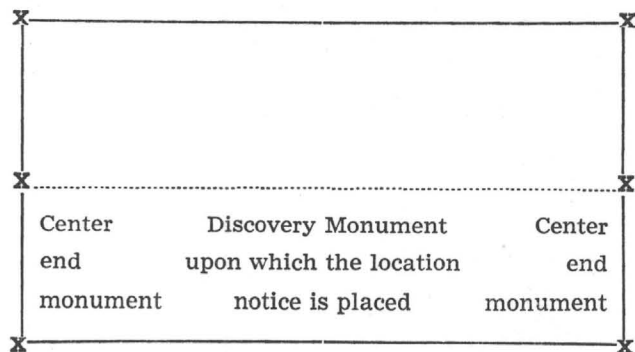
## NOTICE OF LOCATION



Notice is hereby given that the COPPER KING  
Mining Claim was located by JOHN DOE AND RICHARD ROE on this the 11th day of June 1946,  
for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in  
place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The  
general course of this claim is NORTH AND SOUTH and it is situated in the WRIGHTON mining district  
SANTA CRUZ County, Arizona, about TWO MILES SOUTHEAST FROM ROCK PEAK. This  
claim runs from the discovery monument or stake, upon which the notice is posted, 750 feet in a  
SOUTHERLY direction to the SOUTHERLY center end monument, or stake, and 750 feet in a  
NORTHERLY direction from the aforesaid location monument, or stake, to the NORTHERLY center  
end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said  
claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form  
of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.

How to fill out a location notice:



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

NOTICE OF LOCATION  
OF THE

MINING CLAIM

STATE OF ARIZONA

ss.  
County.

I,

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this

day of, 19

(Seal)

This claim is a re-location of an abandoned mining claim known as the

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the San Felipe no. B 4 Mining  
 Claim was located by Mike Clarke  
 on this 3 rd day of Feb., 1958, for mining purposes. Said claim  
 is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each  
 side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is  
east and west  
 and is situated in the Oro Blanco Mining District  
Santa Cruz County, Arizona, about the north side lies  
adjacent to the south side of San Felipe no. B 5

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 750  
 feet in a eastern direction to the east center  
 end monument, or stake, and 750 feet in a western direction from  
 the aforesaid monument, or stake, to the west center end monument  
 or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side  
 of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Locator.

How to fill out a location notice:



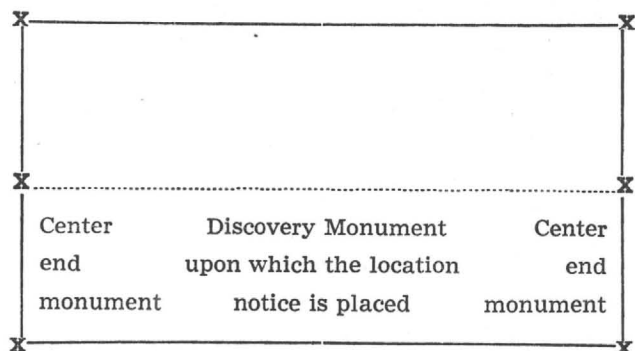
## NOTICE OF LOCATION



Notice is hereby given that the...COPPER KING...  
 Mining Claim was located by...JOHN DOE AND RICH-  
 ARD ROE...on this the...11th...day of...June... 1946,  
 for mining purposes. Said claim is 1500 feet in length  
 along this vein or deposit of mineral-bearing rock in  
 place, and 300 feet in width on each side of the center  
 of said vein or deposit from end to end of claim. The  
 general course of this claim is...NORTH AND SOUTH  
 and it is situated in the...WRIGHTON...mining district  
 ...SANTA CRUZ... County, Arizona, about ...TWO  
MILES...SOUTHEAST FROM ROCK PEAK... This  
 claim runs from the discovery monument or stake,  
 upon which the notice is posted...750...feet in a  
SOUTHERLY... direction to the ...SOUTHERLY...  
 center end monument, or stake, and ...750... feet in a ...  
NORTHERLY... direction from the aforesaid location  
 monument, or stake, to the ...NORTHERLY... center  
 end monument, or stake, and is also marked by two  
 corner monuments, or stakes, at each end of said  
 claim, one on each side of and 300 feet from the center  
 end monuments, or stakes, making claim in the form  
 of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
 Locators.

How to fill out a location notice:



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

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**NOTICE OF LOCATION**  
OF THE

---

**MINING CLAIM**

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STATE OF ARIZONA

} ss.  
County.

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I, .....  
hereby certify that I am a locator of the within  
named claim and that the location work was per-  
formed thereon within 90 days from the date of  
location, to the full amount and in the manner  
required by law.

WITNESS My hand and seal this.....  
.....day of....., 19.....  
.....(Seal)

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This claim is a re-location of an abandoned  
mining claim known as the

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Mining Claim. (When you re-locate an old claim  
do not fail to write the name of the old claim on  
the above blank line.)

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# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the San Felipe no. B. 3 Mining  
 Claim was located by Mike Clarke  
 on this 3 rd. day of Feb., 1958, for mining purposes. Said claim  
 is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each  
 side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is  
east and west  
 and is situated in the Oro Blanco Mining District  
Santa Cruz County, Arizona, about the west end lies  
adjacent to the east end of San Felipe no. B 2

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 750  
 feet in a eastern direction to the east center  
 end monument, or stake, and 750 feet in a western direction from  
 the aforesaid monument, or stake, to the west center end monument  
 or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side  
 of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Locator.

How to fill out a location notice:



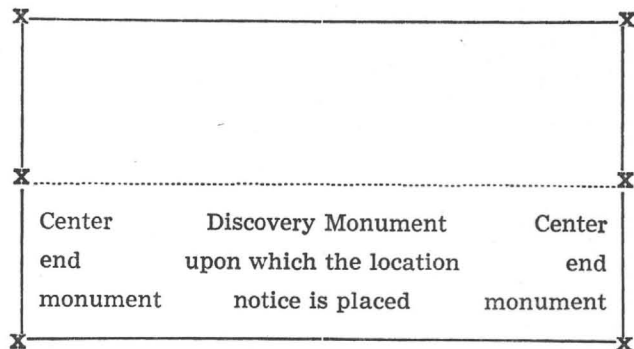
## NOTICE OF LOCATION



Notice is hereby given that the COPPER KING  
 Mining Claim was located by JOHN DOE AND RICH-  
 ARD ROE on this the 11th day of June 1946,  
 for mining purposes. Said claim is 1500 feet in length  
 along this vein or deposit of mineral-bearing rock in  
 place, and 300 feet in width on each side of the center  
 of said vein or deposit from end to end of claim. The  
 general course of this claim is NORTH AND SOUTH  
 and it is situated in the WRIGHTON mining district  
SANTA CRUZ County, Arizona, about TWO  
MILES SOUTHEAST FROM ROCK PEAK. This  
 claim runs from the discovery monument or stake,  
 upon which the notice is posted, 750 feet in a  
SOUTHERLY direction to the SOUTHERLY center  
 end monument, or stake, and 750 feet in a NORTHERLY  
 direction from the aforesaid location  
 monument, or stake, to the NORTHERLY center  
 end monument, or stake, and is also marked by two  
 corner monuments, or stakes, at each end of said  
 claim, one on each side of and 300 feet from the center  
 end monuments, or stakes, making claim in the form  
 of a parallelogram.

JOHN DOE,  
 RICHARD ROE,  
 Locators.

How to fill out a location notice:



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

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**NOTICE OF LOCATION**  
OF THE

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**MINING CLAIM**

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STATE OF ARIZONA

} ss.

} County.

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I, .....

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this.....

.....day of....., 19.....

.....(Seal)

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This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

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# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the San Felipe no. B 2 Mining  
Claim was located by Mike Clarke  
on this 3rd day of Feb., 19 58, for mining purposes. Said claim  
is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each  
side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is  
east and west  
and is situated in the Oro Blanco Mining District  
Santa Cruz County, Arizona, about the north side lies  
adjacent to the south side of San Felipe no. B . I

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 750  
feet in a eastern direction to the east center  
end monument, or stake, and 750 feet in a western direction from  
the aforesaid monument, or stake, to the west center end monument  
or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side  
of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Locator.

How to fill out a location notice:



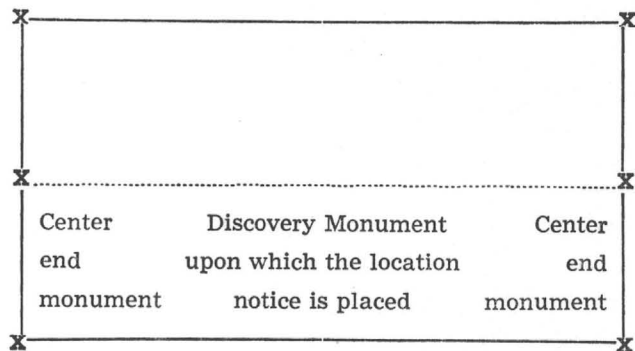
## NOTICE OF LOCATION



Notice is hereby given that the COPPER KING  
Mining Claim was located by JOHN DOE AND RICH-  
ARD ROE on this the 11th day of June 1946,  
for mining purposes. Said claim is 1500 feet in length  
along this vein or deposit of mineral-bearing rock in  
place, and 300 feet in width on each side of the center  
of said vein or deposit from end to end of claim. The  
general course of this claim is NORTH AND SOUTH  
and it is situated in the WRIGHTON mining district  
SANTA CRUZ County, Arizona, about TWO  
MILES SOUTHEAST FROM ROCK PEAK. This  
claim runs from the discovery monument or stake,  
upon which the notice is posted 750 feet in a  
SOUTHERLY direction to the SOUTHERLY center  
end monument, or stake, and 750 feet in a ...  
NORTHERLY direction from the aforesaid location  
monument, or stake, to the NORTHERLY center  
end monument, or stake, and is also marked by two  
corner monuments, or stakes, at each end of said  
claim, one on each side of and 300 feet from the center  
end monuments, or stakes, making claim in the form  
of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.

How to fill out a location notice:



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

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NOTICE OF LOCATION  
OF THE

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---

MINING CLAIM

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STATE OF ARIZONA

} ss.

} County.

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I, .....

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this.....

..... day of....., 19.....

..... (Seal)

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This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

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# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the San Felipe no. B I Mining  
Claim was located by Mike Clarke  
on this 3 rd. day of Feb., 1958, for mining purposes. Said claim  
is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each  
side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is  
east and west  
and is situated in the Oro Blanco Mining District  
Santa Cruz County, Arizona, about the north side lies  
adjacent to the south side of San Felipe no. Io

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 750  
feet in a eastern direction to the east center  
end monument, or stake, and 750 feet in a western direction from  
the aforesaid monument, or stake, to the west center end monument  
or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side  
of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Locator.

How to fill out a location notice:



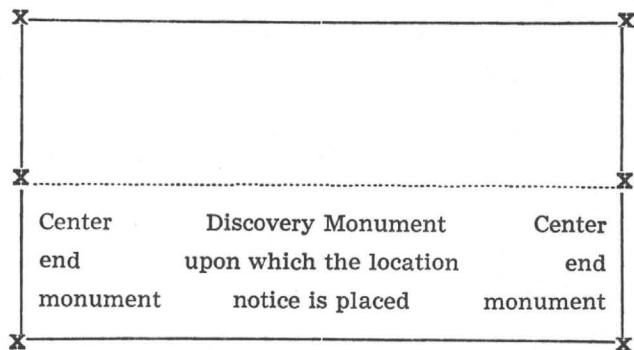
## NOTICE OF LOCATION



Notice is hereby given that the COPPER KING  
Mining Claim was located by JOHN DOE AND RICH-  
ARD ROE on this the 11th day of June 1946,  
for mining purposes. Said claim is 1500 feet in length  
along this vein or deposit of mineral-bearing rock in  
place, and 300 feet in width on each side of the center  
of said vein or deposit from end to end of claim. The  
general course of this claim is NORTH AND SOUTH  
and it is situated in the WRIGHTON mining district  
SANTA CRUZ County, Arizona, about TWO  
MILES SOUTHEAST FROM ROCK PEAK. This  
claim runs from the discovery monument or stake,  
upon which the notice is posted, 750 feet in a  
SOUTHERLY direction to the SOUTHERLY center  
end monument, or stake, and 750 feet in a ...  
NORTHERLY direction from the aforesaid location  
monument, or stake, to the NORTHERLY center  
end monument, or stake, and is also marked by two  
corner monuments, or stakes, at each end of said  
claim, one on each side of and 300 feet from the center  
end monuments, or stakes, making claim in the form  
of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.

How to fill out a location notice:



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

NOTICE OF LOCATION  
OF THE

MINING CLAIM

STATE OF ARIZONA

ss.  
County.

I, hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this ..... day of ....., 19..... (Seal)

This claim is a re-location of an abandoned mining claim known as the

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the San Felipe #1  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
Mike Clarke U.S. citizen

Carol Clarke U.S. citizen

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the 17th day of March, 1960

The length of this claim is 1500 feet,

and 1 claim 750 feet,

in a west direction and 750

feet in a east direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the

northwest to the southeast

The claim is situated and located in the Oro Blanco Mining District, in

Santa Cruz County, in the State of Arizona, about 1/8 mile

in a north direction from Oro Blanco

The S. E. corner of claim is the center of Sec. 24, T. 22 S.

R. 10 E.

(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

west center end monument

at a point in a west direction 750 feet from

the discovery shaft (at which this notice is posted), being in the center of the west

end line of said claim; thence 300 feet to a monument

, being the southwest corner of said claim; thence

1500 feet to a monument, being at the

southeast corner of said claim; thence 300 feet

to a monument at the center of the east end of said claim;

thence 300 feet to a monument being at the

northeast corner of said claim; thence 1500 feet

to a monument at the ~~northeast~~ northwest corner of said claim;

thence 300 feet to the place of beginning.

Dated and posted on the grounds this 17th day of March, 1960

Mike Clarke

Carol Clarke

STATE OF ARIZONA

County of..... } ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

Dated....., 19.....

Filed and Recorded at Request of

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

..... County Recorder.

By ..... Deputy Recorder.

4017

RECORDED ✓  
INDEXED ✓  
COMPARED ✓

STATE OF ARIZONA  
County of Santa Cruz

I hereby certify that the within instrument was filed and recorded at the

request of Mike + Carol Clarke

March 21 A. D. 1968

at 8:21A M. Book 3078

Pages 338

Witness my hand and official seal the day and year aforesaid.

MARY BETTUY BACHELIER

County Recorder

Mary Bettuy Bachelier

Deputy Recorder

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the San Felipe #2  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
Mike Clarke U.S. citizen

Carol Clarke U.S. citizen

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the 17th day of March, 1960

The length of this claim is 1500 feet,

and 1 claim 750 feet,

in a west direction and 750

feet in a east direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the

northwest to the southeast

The claim is situated and located in the Oro Blanco Mining District, in Santa Cruz County, in the State of Arizona, about 3/8 mile

in a northeast direction from Oro Blanco

The west end is adjacent to east end of San Felipe #1

(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at west center end monument

at a point in a west direction 750 feet from

the discovery shaft (at which this notice is posted), being in the center of the west

end line of said claim; thence 300 feet to a monument

, being the southwest corner of said claim; thence

1500 feet to a monument, being at the

southeast corner of said claim; thence 300 feet

to a monument at the center of the east end of said claim;

thence 300 feet to a monument being at the

northeast corner of said claim; thence 1500 feet

to a monument at the northwest corner of said claim;

thence 300 feet to the place of beginning.

Dated and posted on the grounds this 17th day of March, 1960

Mike Clarke  
Carol Clarke

STATE OF ARIZONA

County of..... } ss.

I, ..... County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

Dated....., 19.....

Filed and Recorded at Request of

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

..... County Recorder.

By ..... Deputy Recorder.

4018

RECORDED ✓  
INDEXED ✓  
COMPARED ✓

STATE OF ARIZONA }  
County of Santa Cruz }

I hereby certify that the within instrument was filed and recorded at the request of

*Meyer + Carol Clarke*

at *8:31 A.M.* A. D. 19*90*

Book *3077*

Pages *339*

Witness my hand and official seal the day and year aforesaid.

MARY BETTIE BACHELIER

County Recorder

*Stephanie Mallico*

Deputy Recorder



# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the.....San Felipe #3.....  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
Mike Clarke U.S. citizen  
.....  
Carol Clarke U.S. citizen  
.....

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the.....17th.....day of.....March....., 19.....60.....

The length of this claim is.....1500.....feet,  
and.....I.....claim.....750.....feet,  
in a.....west.....direction and.....750.....  
.....feet in a.....east.....direction from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with.....300.....feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the.....  
northwest.....to the.....southeast.....

The claim is situated and located in the.....Oro Blanco.....Mining District, in  
Santa Cruz.....County, in the State of Arizona, about.....2/3 miles.....  
in a.....north.....direction from.....Oro Blanco.....

.....The south side is adjacent to north side of San Felipe #1.....

.....(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at  
west center end monument.....

.....  
.....  
at a point in a.....west.....direction.....750.....feet from  
the discovery shaft (at which this notice is posted), being in the center of the.....west.....  
.....end line of said claim; thence.....300.....feet to a.....monument.....  
....., being the.....southwest.....corner of said claim; thence  
.....1500.....feet to a.....monument....., being at the  
.....southeast.....corner of said claim; thence.....300.....feet  
to a.....monument.....at the center of the.....east.....end of said claim;  
thence.....300.....feet to a.....monument.....being at the  
.....northeast.....corner of said claim; thence.....1500.....feet  
to a.....monument.....at the.....northwest.....corner of said claim;  
thence.....300.....feet to the place of beginning.

Dated and posted on the grounds this.....17th.....day of.....March....., 19.....60.....

.....  
Mike Clarke  
Carol Clarke  
.....

STATE OF ARIZONA

County of..... } ss.

I, ..... County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

Dated....., 19.....

Filed and Recorded at Request of

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

..... County Recorder.

By ..... Deputy Recorder.

4019

RECORDED ✓  
INDEXED ✓  
COMPARED ✓

STATE OF ARIZONA, ss.  
County of Santa Cruz

I hereby certify that the within instrument was filed and recorded at the request of

*Mike v Carol Clarke*

*March 21, A. D. 1960*  
at *8:21 A. M.* Books *2077 R*  
Pages *340*

Witness my hand and official seal the day and year aforesaid  
MARY BETTY BACHELIER

*Betty Bachelier*  
County Recorder  
Deputy Recorder

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the SAN FELIPE # 2  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
MIKE CLARKE U.S. CITIZEN  
Carol Clarke U.S. citizen

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the 17 day of MARCH, 1960

The length of this claim is 1500 feet,  
and 1 claim 750 feet,  
in a WEST direction and 750'  
feet in a EAST direction from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the N.W. to the S.E.

The claim is situated and located in the OKO. BLANCO Mining District, in SANTA CRUZ County, in the State of Arizona, about 1/2 MI in a N.E. direction from OKO. BLANCO.  
THE WEST END IS ADJACENT TO  
EAST END OF SAN FELIPE # 1

(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

WEST CORNER END MONUMENT  
at a point in a WEST direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the WEST end line of said claim; thence 300 feet to a MONUMENT, being the SW corner of said claim; thence 1500 feet to a mon., being at the SE corner of said claim; thence 300 feet to a mon. at the center of the EAST end of said claim; thence 300 feet to a mon. being at the N.E. corner of said claim; thence 1500 feet to a mon. at the N.W. corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the grounds this 17 day of MARCH, 1960

STATE OF ARIZONA

County of..... } ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

.....  
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Dated....., 19.....

Filed and Recorded at Request of

.....  
.....

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

.....  
County Recorder.

By .....  
Deputy Recorder.

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the SAN FELIPE #1  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
MIKE CLARKE - U.S. CITIZEN  
Carol Clarke U.S. Citizen

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the 17 day of MARCH, 1940

The length of this claim is 1500 feet,  
and 1 claim 750 feet,

in a WEST direction and 750'  
feet in a EAST direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the N.W. to the S.E.

The claim is situated and located in the ORO BLANCO Mining District, in SANTA CRUZ County, in the State of Arizona, about 1/2 MILE  
in a NORTH direction from ORO BLANCO.

(The S.E. corner <sup>of claim</sup> is the center of SEC. 24, T. 22 S., R. 10 E.

(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at WEST CENTER END MONUMENT

at a point in a WEST direction 750 feet from  
the discovery shaft (at which this notice is posted), being in the center of the WEST

end line of said claim; thence 300 feet to a MONUMENT,  
being the S.W. corner of said claim; thence

1500 feet to a MONUMENT, being at the S.E.  
corner of said claim; thence 300 feet

to a MONUMENT at the center of the EAST end of said claim;  
thence 300 feet to a MONUMENT being at the

N.E. corner of said claim; thence 300 1500 feet  
to a MONUMENT at the N.W. corner of said claim;

thence 300 feet to the place of beginning.

Dated and posted on the grounds this 17th day of MARCH, 1940

Mike Clark  
Carol Clarke

STATE OF ARIZONA

County of.....

ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

Dated....., 19.....

Filed and Recorded at Request of

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

..... County Recorder.

By ..... Deputy Recorder.

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the.....**San Felipe #1**.....  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by

.....**Mike Clarke U.S. citizen**.....

.....**Carol Clarke U.S. citizen**.....

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the.....**17th**.....day of.....**March**....., 19**60**..

The length of this claim is.....**1500**.....feet,

and.....**1**.....claim.....**750**.....feet,

in a.....**west**.....direction and.....**750**.....

.....feet in a.....**east**.....direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with.....**300**.....feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the.....

.....**northwest**.....to the.....**southeast**.....

The claim is situated and located in the.....**Oro Blanco**.....Mining District, in

**Santa Cruz**.....County, in the State of Arizona, about.....**1/2** mile.....

in a.....**north**.....direction from.....**Oro Blanco**.....

.....**The S.E. corner of claim is the center of Sec. 24, T. 22 S.,**.....

.....**R. 10 E.**.....

.....(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

.....**west center end monument**.....

.....

.....

.....

.....

at a point in a.....**west**.....direction.....**750**.....feet from

the discovery shaft (at which this notice is posted), being in the center of the.....**west**.....

.....end line of said claim; thence.....**300**.....feet to a.....**monument**.....

....., being the.....**southwest**.....corner of said claim; thence

.....**1500**.....feet to a.....**monument**....., being at the

.....**southeast**.....corner of said claim; thence.....**300**.....feet

to a.....**monument**.....at the center of the.....**east**.....end of said claim;

thence.....**300**.....feet to a.....**monument**.....being at the

.....**northeast**.....corner of said claim; thence.....**1500**.....feet

to a.....**monument**.....at the.....~~northwest~~.....corner of said claim;

thence.....**300**.....feet to the place of beginning.

Dated and posted on the grounds this.....**17th**.....day of.....**March**....., 19.....**60**

.....**Carol Clarke**.....

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STATE OF ARIZONA

County of..... } ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

Dated....., 19.....

Filed and Recorded at Request of

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

.....  
County Recorder.

By .....  
Deputy Recorder.



# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the San Felipe #3  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
Mike Clarke U.S. citizen

Carol Clarke U.S. citizen

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the 17th day of March, 1960.

The length of this claim is 1500 feet,

and 1 claim 750 feet,

in a west direction and 750

feet in a east direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the

northwest to the southeast

The claim is situated and located in the Oro Blanco Mining District, in

Santa Cruz County, in the State of Arizona, about 2/3 miles

in a north direction from Oro Blanco

~~The south side is adjacent to north side of San Felipe #1~~

(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

~~west center end monument~~

at a point in a west direction 750 feet from

the discovery shaft (at which this notice is posted), being in the center of the west

end line of said claim; thence 300 feet to a monument

southwest, being the southwest corner of said claim; thence

1500 feet to a monument, being at the

southeast corner of said claim; thence 300 feet

to a monument at the center of the east end of said claim;

thence 300 feet to a monument being at the

northeast corner of said claim; thence 1500 feet

to a monument at the northwest corner of said claim;

thence 300 feet to the place of beginning.

Dated and posted on the grounds this 17th day of March, 1960

*Carol Clarke*

STATE OF ARIZONA

County of..... } ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

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.....

Dated....., 19.....

Filed and Recorded at Request of

.....  
.....

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

.....  
County Recorder.

By .....  
Deputy Recorder.

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the.....**San Felipa #2**.....  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
**Mike Clarke U.S. citizen**

.....**Carol Clarke U.S. citizen**.....

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the.....**17th**.....day of.....**March**....., 19..**60**

The length of this claim is.....**1500**.....feet,

and.....**1**.....claim.....**750**.....feet,

in a.....**west**.....direction and.....**750**.....

.....feet in a.....**east**.....direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with.....**300**.....feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the.....

.....**northwest**.....to the.....**southeast**.....

The claim is situated and located in the.....**Oro Blanco**.....Mining District, in

**Santa Cruz**.....County, in the State of Arizona, about.....**1/2 mile**

in a.....**northeast**.....direction from.....**Oro Blanco**

**The west end is adjacent to east end of San Felipe #1**

.....

.....(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

**west center end monument**

.....

.....

at a point in a.....**west**.....direction.....**750**.....feet from

the discovery shaft (at which this notice is posted), being in the center of the.....**west**

.....end line of said claim; thence.....**300**.....feet to a**monument**.....

....., being the.....**southwest**.....corner of said claim; thence

.....**1500**.....feet to a.....**monument**....., being at the

.....**southeast**.....corner of said claim; thence.....**300**.....feet

to a.....**monument**.....at the center of the.....**east**.....end of said claim;

thence.....**300**.....feet to a.....**monument**.....being at the

.....**northeast**.....corner of said claim; thence.....**1500**.....feet

to a.....**monument**.....at the.....**northwest**.....corner of said claim;

thence.....**300**.....feet to the place of beginning.

Dated and posted on the grounds this.....**17th**.....day of.....**March**....., 19..**60**

.....*Carol Clarke*.....

.....

.....

.....

STATE OF ARIZONA

County of..... } ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

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.....

Dated....., 19.....

Filed and Recorded at Request of

.....  
.....

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

.....  
County Recorder.

By .....  
Deputy Recorder.

# Notice of Mining Location

## LODE CLAIM

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the SAN FELIPE #3  
Mining Claim, situate on lands belonging to the State of Arizona, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and lease by  
MIKE CLARKE U.S. CITIZEN  
Carol Clarke U.S. citizen

(Locator must insert either "a citizen of the United States" or "who has declared his intention of becoming a citizen of the United States.")

the undersigned, on the 17 day of MARCH, 1964

The length of this claim is 1500 feet,  
and 1 claim 750 feet,  
in a WEST direction and 75°  
feet in a EAST direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the N.W. to the S.E.

The claim is situated and located in the ORO BLANCO Mining District, in SANTA CRUZ County, in the State of Arizona, about 2 1/2 mi. in a NORTH direction from ORO BLANCO.  
THE SOUTH SIDE IS ADJACENT TO NORTH SIDE OF SAN FELIPE #1

(Location by legal subdivision).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

WEST center end monument  
at a point in a WEST direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the WEST end line of said claim; thence 300 feet to a mon, being the S.W. corner of said claim; thence 1500 feet to a mon, being at the S.E. corner of said claim; thence 300 feet to a mon at the center of the EAST end of said claim; thence 300 feet to a mon being at the N.E. corner of said claim; thence 1500 feet to a mon at the N.W. corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the grounds this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_

Carol Clarke

STATE OF ARIZONA

County of.....

ss.

I, .....County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of....., 19....., and duly recorded in Book No.....of.....Records of.....County, Arizona at pages.....

WITNESS my hand and official seal the day and year first above written.

..... County Recorder.

NOTICE OF LOCATION  
LODE CLAIM

Dated....., 19.....

Filed and Recorded at Request of

....., A. D., 19.....

at ..... M.,

Book .....

Pages .....

.....  
County Recorder.

By .....  
Deputy Recorder.

# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the Tonkin No. 1 Mining Claim was located by Mike Clarke on this 4th day of April 1956, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is North and South and is situated in the Gro Blanco Mining District San ta Cruz County, Arizona, about 300 yds in a southerly direct ion from the Tonkin well in Township 22S section 13

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 1,000 feet in a southerly direction to the south center end monument, or stake, and 500 feet in a Northerly direction from the aforesaid location monument, or stake, to the North center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Witness

*Carl Clark*

How to fill out a location notice:

*Mike Clarke*

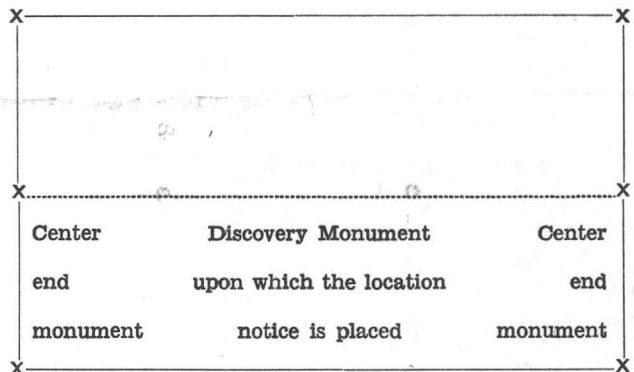
Locator.

How to monument a claim:

## NOTICE OF LOCATION

Notice is hereby given that the ...COPPER KING... Mining Claim was located by ...JOHN DOE AND RICHARD ROE... on this the ...11th... day of ...June... 1950, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The general course of this claim is ...NORTH AND SOUTH... and it is situated in the ...WRIGHTSON... mining district ...SANTA CRUZ... County, Arizona, about ...TWO MILES... ...SOUTH-EAST FROM ROCK PEAK... This claim runs from the discovery monument or stake, upon which the notice is posted ...750... feet in a ...SOUTHERLY... direction to the ...SOUTHERLY... center end monument, or stake, and ...750... feet in a ...NORTHERLY... direction from the aforesaid location monument, or stake, to the ...NORTHERLY... center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

**NOTICE OF LOCATION**  
**OF THE**

Location no. I

**MINING CLAIM**

STATE OF ARIZONA

Santa Cruz

County, ss.

I, *Mike Clarke*

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this

day of 19

(Seal)

This claim is a re-location of an abandoned mining claim known as the

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)



# NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the Tonkin No. 1 Mining Claim was located by Mike Clarke on this 4th day of April 1956, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is North and South and is situated in the Gro Blanco Mining District Santa Cruz County, Arizona, about 300 yds in a southerly direct ion from the Tonkin well in Township 22S section 13

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 1,000 feet in a southerly direction to the south center end monument, or stake, and 500 feet in a Northerly direction from the aforesaid location monument, or stake, to the North center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

Witness

*Carol Clarke*

*Mike Clarke*

Locator.

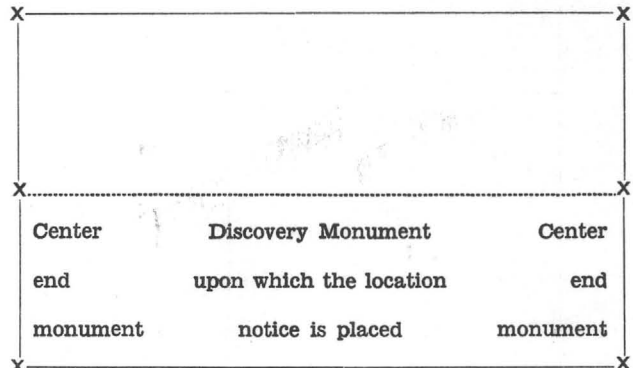
How to fill out a location notice:

How to monument a claim:

## NOTICE OF LOCATION

Notice is hereby given that the COPPER KING Mining Claim was located by JOHN DOE AND RICHARD ROE on this the 11th day of June 1950, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of claim. The general course of this claim is NORTH AND SOUTH and it is situated in the WRIGHTSON mining district SANTA CRUZ County, Arizona, about TWO MILES SOUTH-EAST FROM ROCK PEAK. This claim runs from the discovery monument or stake, upon which the notice is posted, 750 feet in a SOUTHERLY direction to the SOUTHERLY center end monument, or stake, and 750 feet in a NORTHERLY direction from the aforesaid location monument, or stake, to the NORTHERLY center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

JOHN DOE,  
RICHARD ROE,  
Locators.



Stone monuments must be three feet high. Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

# 3990

RECORDED

INDEXED

COMPARED

# NOTICE OF LOCATION

OF THE

Tronkin no. 1

# MINING CLAIM

STATE OF ARIZONA

Santa Cruz County, ss.

I, *Mike Clarke*

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS My hand and seal this

day of 19

(Seal)

This claim is a re-location of an abandoned mining claim known as the

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

STATE OF ARIZONA  
County of Santa Cruz

I hereby certify that the within instrument was filed and recorded at the request of

*Mike Clarke*

at 9:01 A.M. May 3, A. D. 1956

Book 29 N.L.

Pages 558

Witness my hand and official seal the day and year above said.

*Mary Betty*

County Recorder

*Stephanie Morris*  
Deputy Recorder

June 29, 1968

Mr. Mike Clark  
Mike Clark Ranch  
Alma, Colorado 80420

*almond*

Dear Mike:

Your returning my call when I inquired of you from Dan, the other day is appreciated.

I think the best way that we might consider working together for the future would be to agree on some sort of a set price per standard 20.66 acre mining claim, or proportional part thereof. Or, on a split royalty or some combination of these ~~two~~. As a rule, it is pretty tough to promote anything which carried more than approximately a 5% royalty. This is particularly true in Arizona where this is what the state gets on state owned mineral. Of course, this considers the average situation. On something extremely low grade this could be tough on the producer, and on something extremely high grade, unfair to the royalty owner. Therefore, a sliding scale can be sometimes arranged, but is more complicated.

We will be interested in seeing the samples from your Colorado ranch well.

Understand you sold the Nogales property to Maynard Gaylor. We did some work for him sometime back when he had the old Alice Tunnel up on the Dripping Springs range above Kearny.

We will be interested in your further thoughts, and we will let you know when any further significant progress develops on this end.

Jean joins me in extending our best to you and the family.

Sincerely,

WEH:jh

Walter E. Heinrichs, Jr.



*Block com -*  
**CERTIFICATE OF ASSAY**

FOR Shop

**Miller's Assay Office**

HUGO W. MILLER, Owner

Registered Mining Engineer

Established in 1913 — Nogales, Arizona

Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent			
		Troy Ounces Per Ton (2000 Lbs.)						
102263	Mike Clarke Sample Copper Ore from his claims S.W. of Rubiana	Trace	0.65	0.8%	0.3%			

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.

1 Kilo has 32.1507 oz. Troy

1 lb. avoirdupois has 14.583 oz. Troy.

Charges Shop

Date October 14, 1957

*Hugo W. Miller*  
 Assayer.

For Mike

*El Monte*  
**CERTIFICATE OF ASSAY**

**Miller's Assay Office**

FOR **Mr. Mike Clarke**  
**Arivaca**  
**Arizona**

HUGO W. MILLER, Owner  
**Registered Mining Engineer**  
 Established in 1913 — Nogales, Arizona

Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent			
		Troy Ounces Per Ton (2000 Lbs.)						
101892	# 2	Trace	4.1	0.60%	3.8%			

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.  
 1 Kilo has 32.1507 oz. Troy  
 1 lb. avoirdupois has 14.583 oz. Troy.

Charges \$ 3.80 Paid

Date July 29, 1957

*Hugo W. Miller*  
 Assayer.

# CERTIFICATE OF ASSAY

FOR Mr. Mike Clark  
Arivaca, Arizona

## Miller's Assay Office

HUGO W. MILLER, Owner

Registered Mining Engineer

Established in 1913 — Nogales, Arizona

Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent			
		Troy Ounces Per Ton (2000 Lbs.)						
101823	Sample for Silver & lead		2.6		6.5%			

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.

1 Kilo has 32.1507 oz. Troy

1 lb. avoirdupois has 14.583 oz. Troy.

Charges \$ 3.00

Date July 8 1957

*Hugo Miller*  
Assayer.



# CERTIFICATE OF ASSAY

FOR Mr. Mike Clarke  
Arivaca Arizona

## Miller's Assay Office

HUGO W. MILLER, Owner  
Registered Mining Engineer  
Established in 1913 — Nogales, Arizona

Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent	Iron	Manganese
		Troy Ounces Per Ton (2000 Lbs.)					
99274	Sorted Ore Sample of Manganese Oxide ore by Mike Clarke.  Sp. Gravity 3.8 to 4.0  (Alumina, copper, lead, under penalty allowance)				Silica.  5.0%	7.0%	50.9%

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.

1 Kilo has 32.1507 oz. Troy

1 lb. avoirdupois has 14.583 oz. Troy.

Charges \$ 7.00

Date April 24, '56

*Hugo W. Miller*  
Assayer.

# CERTIFICATE OF ASSAY

FOR Mr. Mike Clarke  
 Arivaca  
 Arizona

## Miller's Assay Office

HUGO W. MILLER, Owner  
 Registered Mining Engineer  
 Established in 1913 — Nogales, Arizona

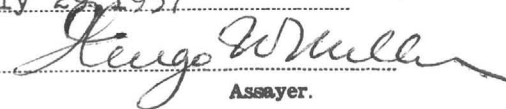
Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent			
		Troy Ounces Per Ton (2000 Lbs.)						
101892	# 2	Trace	4.1	0.60%	3.8%			

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.  
 1 Kilo has 32.1507 oz. Troy  
 1 lb. avoirdupois has 14.583 oz. Troy.

Charges \$ 3.80 Paid

Date July 29, 1957

  
 Assayer.

Black con

30 So. Main St.  
P. O. Box 1889

# JACOBS ASSAY OFFICE

## REGISTERED ASSAYERS

2  
1.50

PHONE MA 2-0813

Tucson, Arizona, *Sept 18<sup>th</sup>*, 195*7*

Sample Submitted by Mr. *Mike Clark*

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay
X	0.005 <sup>5</sup>	0.17	0 3/10	0 32/100	0 44/10			

\* Gold Figured \$35.00 per oz. Troy

Charges \$ *4.25 paid*

Very respectfully

*Ben D. Jacobs*

30 So. Main St.  
P. O. Box 1889

# JACOBS ASSAY OFFICE

## REGISTERED ASSAYERS

PHONE MA 2-0813

Tucson, Arizona, Dec 12<sup>th</sup>, 195 7

Sample Submitted by Mr. Mike Clark

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore * \$	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	<del>LEAD</del>	<del>Per Cent</del>	<del>Per Cent</del>	<del>Per Cent</del>
					Per cent Wet Assay	Wet Assay	Wet Assay	Wet Assay
#1	0.01	0.35	3 8/10	1 65/100				
2	0.01	0.35	4 4/10	(contains copper)				

\* Gold Figured \$35.00 per oz. Troy  
Charges \$ 4.75 paid

Very respectfully,  
Ben P. Jacobs



**HAWLEY & HAWLEY**

ASSAYERS AND CHEMISTS, INC.

1700 W. GRANT RD. • BOX 5934 • 622-4836

TUCSON, ARIZONA 85703

BRANCHES

DOUGLAS, ARIZONA  
HAYDEN, ARIZONA  
EL PASO, TEXAS  
AMARILLO, TEXAS

IDENTIFICATION	GOLD OZS	SILVER OZS	LEAD %	COPPER %	ZINC %	MO. %	IRON %
Large Sample	None	0.06		0.11			
Small Sample	None	Trace		0.06			

CC: Mr. Mike Clark  
 ADD: 4845 East Glenn  
 CITY: Tucson, Arizona  
 DD:  
 CITY:

REMARKS:

Special

ANALYSIS CERT. BY

*Richard*

Minimum Charge

PREPARATION \$ 1.00  
 ANALYSIS \$ 15.75

ACC: MR. MIKE CLARK

DATE SPL.  
RECEIVED 5/9/66

DATE COMPL 5/10/66

330955

\$ 16.75 PD

# CERTIFICATE OF ASSAY

## Miller's Assay Office

FOR

Mr. Mike Clarke

Arivaca Ariz

HUGO W. MILLER, Owner

Registered Mining Engineer

Established in 1913 — Nogales, Arizona

Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent	Manganese.	
		Troy Ounces Per Ton (2000 Lbs.)				Mn.	
99280	Samples by Hugo W. Miller April 26, '56  14 inch width lower hole.	Trace	0.5				34.8 %
99281x	Concentrate test 100 to 21						55.4 %
99281	Sample from four places upper trench average width, best ore, six inches						48.0 %

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.

1 Kilo has 32.1507 oz. Troy

1 lb. avoirdupois has 14.583 oz. Troy.

Charges ..... \$ 6.25  
assays only

Date April 27, '56

*Hugo W. Miller*  
Assayer.

Clark # 2

30 So. Main St.  
P. O. Box 1889

# JACOBS ASSAY OFFICE

## REGISTERED ASSAYERS

PHONE MA 2-0613

Tucson, Arizona, Feb 21<sup>st</sup>, 1957

Sample Submitted by Mr. Mike Clark

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay
X	002	\$ 070	3 1/10	1 25 / 100				

\* Gold Figured \$35.00 per oz. Troy

Charges \$ 300

Very respectfully,  
Ben P. Jacobs



Clarke

30 So. Main St.  
P. O. Box 1889

# JACOBS ASSAY OFFICE

## REGISTERED ASSAYERS

Phone 2-0813

Tucson, Arizona, *Sept 16<sup>th</sup>*, 195*6*

Sample Submitted by Mr. *Melbe Clark*

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	<del>Per Cent Wet Assay</del>	<del>Per Cent Wet Assay</del>	<del>Per Cent Wet Assay</del>
#1	002	070	7 <sup>8</sup> / <sub>10</sub>	0 <sup>18</sup> / <sub>100</sub>	31 <sup>0</sup> / <sub>10</sub>			
2	001	035	1 <sup>4</sup> / <sub>10</sub>	0 <sup>96</sup> / <sub>100</sub>	~			

\* Gold Figured \$35.00 per oz Troy  
Charges \$ *7.25* *found*

Very respectfully,  
*Ben D. Jacobs*

30 So. Main St.  
P. O. Box 1889

# JACOBS ASSAY OFFICE

## REGISTERED ASSAYERS

PHONE MA 2-0813

Tucson, Arizona, *Mar 3<sup>rd</sup>*, 195*8*

Sample Submitted by Mr. *Mike Clark*

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	<i>Zinc</i> Per Cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay
<i>#1 8<sup>11</sup> center</i>	<i>001</i>	<i>035</i>	<i>3 6/10</i>	<i>---</i>	<i>52 1/10</i>	<i>0 2/10</i>	<i>135</i>	
<i>2 9<sup>11</sup> north</i>	<i>0005</i>	<i>017</i>	<i>0 6/10</i>	<i>---</i>	<i>12 3/10</i>	<i>0 9/10</i>		
<i>3 20<sup>11</sup> south</i>					<i>9 8/10</i>	<i>---</i>		

\* Gold Figured \$35.00 per oz. Troy

Charges \$ *11.00*

Very respectfully,

*Ben P. Jacobs*

# CERTIFICATE OF ASSAY

## Miller's Assay Office

FOR **Mr. Mike Clark**  
**Arivaca, Arizona**  
*Cl. Monte*

HUGO W. MILLER, Owner  
 Registered Mining Engineer  
 Established in 1913 — Nogales, Arizona

Laboratory Number	Customer's Marks On Samples As Submitted	GOLD (Oro)	SILVER (Plata)	COPPER (Cobre) Percent	LEAD (Plomo) Percent			
		Troy Ounces Per Ton (2000 Lbs.)						
101823	Sample for Silver & lead		2.6		6.5%			

*Mike this also  
 has 0.04 in gold  
 about \$140  
 Ton*

Note: Sample Pulps Kept Thirty Days in Case Further Analyses Desired.

1 oz. Troy has 31.1035 grams.

1 Kilo has 32.1507 oz. Troy

1 lb. avoirdupois has 14.583 oz. Troy.

Charges \$ 3.00

Date July 8, 1957

*Hugo W. Miller*  
 Assayer.

# ATL ARIZONA TESTING LABORATORIES

1516 E. 20TH STREET — P. O. BOX 2508 — TUCSON, ARIZONA

Phone MAin 3-3331

Customer's Order No. \_\_\_\_\_ Date 3-22, 19 60

M Mr. Mike Clark  
 Address Clark Ranch  
Arivaca, Arizona

SOLD BY	CASH	C. O. D.	CHARGE	ON ACCT.	MOISE.RETD.	PAID OUT
QUANTITY	DESCRIPTION				PRICE	AMOUNT
<u>✓</u>					<u>5<sup>00</sup></u>	<u>10 00</u>
<u>✓</u>					<u>3<sup>00</sup></u>	<u>6 00</u>
<u>✓</u>					<u>3<sup>00</sup></u>	<u>6 00</u>
						<u>22 00</u>

ALL claims and returned goods MUST be accompanied by this bill

6384 Phy. Rec'd by

# ATL

## ARIZONA TESTING LABORATORIES

PHOENIX • TUCSON

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.

PHONE ALpine 3-6272 817 WEST MADISON ST. P. O. BOX 1888 PHOENIX

*Chemists... Engineers*

For Mr. Mike Clark  
Clark Ranch  
Arivaca, Arizona

Date March 17, 1960

Sample of ore

Received: -----

Submitted by: Same

### ASSAY CERTIFICATE

Gold figured at \$ 35.00 per ounce.

Silver figured at \$ 0.90 per ounce.

Lab. No.	Identification	Gold		Silver		Percentages	
		Oz. per Ton	Value	Oz. per Ton	Value	LEAD (Pb)	ZINC (Zn)
T-17186	#1 Dump	0.06	\$ 2.10	0.80	\$ 0.72	4.76	0.10
T-17187	#2 7' Face	0.08	2.80	1.00	0.90	2.42	3.20

Respectfully submitted,

ARIZONA TESTING LABORATORIES

*Claude E. McLean, Jr.*

Charges: \$ 22.00

# ATL

## ARIZONA TESTING LABORATORIES

PHOENIX • TUCSON

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.

PHONE ALpine 3-6272 817 WEST MADISON ST. P. O. BOX 1888 PHOENIX

*Chemists... Engineers*

For Mr. Mike Clark  
Clark Ranch  
Arivaca, Arizona

Date March 17, 1960

Sample of ore

Received: -----

Submitted by: Same

### ASSAY CERTIFICATE

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Silver figured at \$ 0.90 per ounce.

Lab. No.	Identification	Gold		Silver		Percentages	
		Oz. per Ton	Value	Oz. per Ton	Value	LEAD (Pb)	ZINC (Zn)
T-17186	#1 Dump	0.06	\$ 2.10	0.80	\$ 0.72	4.76	0.10
T-17187	#2 7' Face	0.08	2.80	1.00	0.90	2.42	3.20

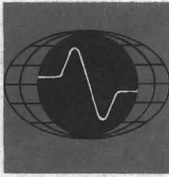
Charges: \$ 22.00

10M AMPCO

Respectfully submitted,  
ARIZONA TESTING LABORATORIES

*Claude E. McLean, Jr.*  
Claude E. McLean, Jr.

CHEMICAL RESEARCH ASSAY ORE TESTING PHYSICAL TESTING



## HEINRICHS GEOEXPLORATION COMPANY

806 WEST GRANT ROAD, TUCSON, ARIZONA, 85703. P.O. BOX 5671. PHONE: (AREA CODE 602) 623-0578

January 24, 1969

TO: E.G.H., W.E.H., Files  
FROM: Donald B. Cooley  
SUBJECT: Carol Claims and Drill Hole - Sec. 6, T. 23 S.,  
R. 11 E.

I did find a drill hole (see attached map). It is obviously a drill pad but has been covered over. There is some drill mud and cuttings left and I found part of a Christianson diamond bit package.

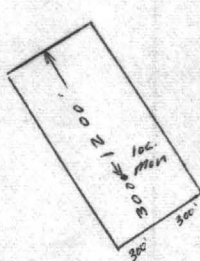
There are numerous monuments in the area but none containing papers to say claims belonging to Mike Clark.

The claims I did find are Jackpot #3 and #4. Jackpot #4 is where the drill site is located. Following is excerpted from the location notice:

"Jackpot 4 (a relocation of an abandoned mining claim) located 20 February 1964 by Charles Hagerty, overlaps Jackpot 3 to the east, Sec. 1-6, T. 22-23 S., R. 10 and 11 E.

Other names Russet S. Geibel, J. Gammons (sp?), Docket 052 Book of Mines p 115, Santa Cruz County, Charles Hagerty, Old Backbone Mining Camp, 3 1/2 miles NW Arivaca or Box 40, Arivaca, Arizona 85601."

Jack pot 4



The monuments have silver, gold, and fluorescent red paint on them, some have two inch pipes in them.

Note on location of Jackpot #3:

"This is part of the Triple H mining claim group. Papers have been removed from this location. Assessment work has been completed each year. Charles Hagerty witness Jerry Anthony, 30 August 1968."

The Consolidated Montana Group has been optioned to Ruby Mines Ltd. Carl D. Powers 14 (?) August 1968. There has been some recent surveying going on, new 2 x 6 posts and orange flagging. There is also orange flagging at the drill pad and Section Corner  $\frac{36}{26} \frac{31}{16}$  R. 10 and 11 E., T. 22 and 23 S.

It seems that the Carol Claims at least have been allowed to lapse and have been staked over by Hagerty. Before more work is done, probably some effort should be spent to determine the validity of the Carol Group and probably the rest of the claims involved.

Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

*Donald B Cooley*

Donald B. Cooley  
Geologist

DBC/rc



TATES  
OF THE ARMY  
ENGINEERS

ARIZONA  
ORO BLANCO QUADRANGLE  
15-MINUTE SERIES

(Tubco)



w. E. C. Atlas  
DDM(?)  
Loc. Men  
Jackpot # 4

(Ruby)

T. 23 S.

111 E

5 February 1969

Mrs. Mike Clark  
Almont, Colorado 81210

Re: Carol Claim Group  
Santa Cruz County, Arizona  
# 339-69

Dear Mrs. Clark:

We recently sent our geologist to inspect your claims on the ground.

He reports a group of claims have been located by a certain Mr. Hagerty, Geibel and Gammons directly over what appear to be the Carol Claims. This is not an unusual situation.

To have as much information available to us as possible, is essential, in order to determine what may be best to do about this. Therefore, we are asking if you remember Mike filing any proof affidavits of labor at the county court house? Also do you remember him speaking specifically about doing work on the claims? Any information you can supply us relative to the claims will be most helpful.

Very truly yours,  
HEINRICHS GEOEXPLORATION COMPANY

E. Grover Heinrichs  
Vice President

EGH/plg

January 20, 1969

Mrs. Mike Clark  
Almont, Colorado 81210

Dear Carol:

I take the liberty to respond to your most cordial invitation to both Walt and myself to come enjoy your graceous hospitality and wonderful snow.....how we wish we could just drop everything and take off. Such is not the case at the moment, but before the spring "thaw" we just might bust away and give it a try. We will certainly give you ample notice if this happens. Meanwhile, many thanks.

The two mining claim location notices you enclosed will be included in our file of all the data on your property in Arizona.

Good skiing and have lots of fun at the polka parties!

Sincerely,

*Jean + Walt*  
(Mrs. Walter E. Heinrichs, Jr.)



## HEINRICHS GEOEXPLORATION COMPANY

806 WEST GRANT ROAD, TUCSON, ARIZONA, 85703. P.O. BOX 5671. PHONE: (AREA CODE 602) 623-0578

14 January 1969

Mrs. Mike Clark  
Almont, Colorado 81210

Re: Mining Property & Claims  
Santa Cruz County Vicinity  
Arizona

Dear Carol:

Per our telephone conversation when you were in Tucson on 10 December 1968, we received the following material from you on 24 December.

1. GEOEX report dated September 1966.
2. Sixteen assay certificates
3. Five claim maps - blue line.
4. Option agreement with Bear Creek.
5. Statement from GEOEX.
6. Claim location notices recorded:
  - a. San Felipe Group
  - b. Tonkin Group
  - c. Carol Group

Reviewing matters for the record the Carol Group, seven claims in all, appear most current and apparently are a relocation, at least in part, of several prior claims known as the Black Cow 1, 2 and 3 - at least. Your records show that the Carol 1 and Carol 2 replace the Black Cow No. 2 and 3 respectively. Beyond this we are unable to be more precise.

The San Felipe and San Felipe No. 1, 2 and 3 and the Corral Claim have been recorded in books 005, page 156; book 30 ml, page 338; book 30 ml, page 339; book 30 ml, page 340 and book 29 ml, page 446 respectively. The Corral Claim extends westerly from and adjoins the Bell, Brick and Brick Extension of the Montana Mine Group at Ruby, and is located about in the vicinity of the common area of Sec. 31, 32, 5 & 6 in T. 22 and 23 S. R. 10 E.

The Carol No. 1 and No. 2 claims were recorded in book 008, pages 316 and 318 respectively. This makes me wonder what might have been recorded on page 317? There is another Carol No. 2 claim along with Carol No. 3, 4, 5, 6 and 7, all recorded in docket 007 and pages 96, 97, 98, 99, 100 and 101 respectively. These would appear to lie mostly in Sec. 6, T. 23 S., R. 10 E., but could partly also lie immediately north in Sec. 31, T. 22 S., R. 10 E.

Mrs. Mike Clark

Page 2

14 January 1969

The San Filipe No. 1 through No. 12 are recorded in Book 008, pages 211 - 215, and 380 - 385 and 386 respectively. These are all in the vicinity of Sec. 24, T. 22 S., R. 10 E. The west center end monument of San Filipe No. 1 is 300 ft. from the south west corner of the northeast quarter of Sec. 24.

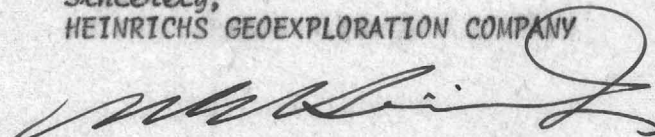
Two other claims, the Clark Claim and the Elmonte Claim are recorded in book 003, page 41 and book 006, page 253 respectively.

Off hand, from the minor quantitative technical data on hand and my memory which is a little vague, the Carol group seems to offer the best immediate mineral potential. This is not to say the other claims could not be promoted or sold, but would likely be more difficult. In the absence of precise maps to show exact locations it would eventually be necessary to find and identify each claim on the ground. Meanwhile, your present interest is probably safe through the end of August 1969 and perhaps somewhat longer. This assumes that annual labor was completed each year since location. If not, matters may be contingent upon whatever steps third parties have taken, or will take, to locate if they are so interested. Again this problem would seem most applicable to the claims Corral & Carol Group adjoining or just west of the Ruby - Montana Mine Group of claims. Ownership, activity and interest of the Ruby Mine Group would also be a factor. At the moment, we understand this is somewhat dormant.

What we might offer to do is to promote something in the next few months, let us say by the end of April 1969. For this effort we would agree not to charge you, but that if we were successful that we would share interest with you on a 50-50 basis. Chances are pretty good we can interest someone to do some necessary additional geology, geophysics, geochemistry and drilling, again at no cost to you. Likely, this would be on a written purchase option basis that would be mutually negotiated before any work was actually started. Let us know what you think.

Unfortunately we didn't make our Colorado trip as I managed to spend most of the holiday season moping around with the flu bug. Fred did get to spend three days on Mt. Lemmon and we hope to still get out somewhere else before winter is over. Best wishes for 1969.

Sincerely,  
HEINRICHS GEOEXPLORATION COMPANY



Walter E. Heinrichs, President

WEH/plb

14 January 1969

The San Filipe No. 1 through No. 12 are recorded in Book 008, pages 211 - 215, and 380 - 385 and 386 respectively. These are all in the vicinity of Sec. 24, T. 22 S., R. 10 E. The west center end monument of San Filipe No. 1 is 300 ft. from the south west corner of the northeast quarter of Sec. 24.

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Sincerely,  
HEINRICHS GEOEXPLORATION COMPANY

Walter E. Heinrichs, President

WEH/plg

14 January 1969

Mrs. Mike Clark  
Almont, Colorado 81210

Re: Mining Property & Claims  
Santa Cruz County Vicinity  
Arizona

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  - b. Tonkin Group
  - c. Carol Group

Reviewing matters for the record the Carol Group, Seven claims in all, appear most current and apparently are a relocation, at least in part, of several prior claims known as the Black Cow 1, 2 and 3 - at least. Your records show that the Carol 1 and Carol 2 replace the Black Cow No. 2 and 3 respectively. Beyond this we are unable to be more precise.

The San Felipe and San Felipe No. 1, 2 and 3 and the Corral Claim have been recorded in books 005, page 156; book 30 ml, page 338; book 30 ml, page 339; book 30 ml, page 340 and book 29 ml, page 446 respectively. The Corral Claim extends westerly from and adjoins the Bell, Brick and Brick Extension of the Montana Mine Group at Ruby, and is located about in the vicinity of the common area of Sec. 31, 32, 5 & 6 in T. 22 and 23 S. R. 10 E.

The Carol No. 1 and No. 2 claims were recorded in book 008, pages 316 and 318 respectively. This makes me wonder what might have been recorded on page 317? There is another Carol No. 2 claim along with Carol No. 3, 4, 5, 6 and 7, all recorded in docket 007 and pages 96, 97, 98, 99, 100 and 101 respectively. These would appear to lie mostly in Sec. 6, T. 23 S., R. 10 E., but could partly also lie immediately north in Sec. 31, T. 22 S., R. 10 E.

**GEOLOGY EXAMINATION OF MINING PROPERTY NEAR  
ORO BLANCO, SANTA CRUZ COUNTY, ARIZONA**

**For**

**Mr. Mike Clark  
4845 East Glenn  
Tucson, Arizona**

**September 1966**

**By**

**Heinrichs Geoexploration Company  
P. O. Box 5671 Tucson, Arizona  
Phone: 623-0578 Area Code: 602**



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## INTRODUCTION

At the request of Mr. Mike Clarke, Heinrichs Geoexploration Company examined mining property near Oro Blanco, Santa Cruz County, Arizona on September 6, 1966.

Mr. Clarke's mining property consists of a group of eight unpatented claims located approximately in the northwest quarter of Section 6, T23S, R11E, about three miles south-southeast of the old community of Oro Blanco as shown on the Oro Blanco quadrangle. The mineralized zone is on a low, elongate hill trending approximately from north-northwest to south-southeast. The mineralized zone was explored by three short adits put in by Mr. Clarke and by several very old prospect pits. All of the area of interest was not seen so we are relying to a considerable extent on Mr. Clarke's description of that part of the area. Because of the recent rains the area is covered with a lush growth of tall grass that makes field observations difficult and unsatisfactory.

## GEOLOGY

The rocks observed within the mineralized area on the low hill consists primarily of a porphyritic type of rock having coarse, light gray to white feldspar phenocrysts set in a very fine grained dark gray matrix which is tentatively classified as andesite porphyry. Another rock which is closely associated with the porphyry. Another rock which is closely associated with the porphyry is a coarse grained, light colored nearly equigranular rock having the appearance of quartz monzonite. It appears that the monzonitic rock is intrusive into the porphyry but this suggested relationship is not definitely established. The monzonitic rock seems to be fresh, unaltered and barren, but it is somewhat decomposed by surface weathering.

Apparently only the andesite porphyry is mineralized. This weathers dark brown or nearly black and according to Mr. Clarke the entire mineralized zone has a distinctive dark colored appearance during the dry season when it is not covered with grass.

The dark color of the andesite is caused by thin films of impure limonite coating the outcrops and joint surfaces of the rocks and filling vugs and cavities in the rock. Larger masses having limonite in the vugs have the appearance of iron gossan and definitely indicate that the limonite is a residue left after

some other material has been taken into solution and transported away. In other specimens it appears that limonite has precipitated from solution to form thin veinlets in fractured rock and films on joint surfaces.

Films and veinlets of typical dark brown to black gossan-like material in the weathered zone were collected for spectrographic analysis. The material contained considerable iron and manganese and minor amounts of copper and lead. It also contained trace amounts of the elements calcium, magnesium, silica, aluminum, titanium and barium, but these are relatively unimportant to our problem.

The iron stained zone can be observed in several prospect pits but appears to extend only to shallow depths. Near the south end of the zone is a pit in which the iron stained zone passes into very hard mineralized porphyry at a depth of three to four feet. About fifteen feet lower is a short adit of which the face is almost directly below the prospect pit and is also in very hard, slightly mineralized porphyry. Similar rock, also containing traces of copper, is exposed in several outcrops throughout the area examined. Determination could not be made whether the soft, altered rock or the very hard rock is the more intensely mineralized.

A chip sample of the very hard mineralized rock was taken from the shallow cut just above the adit. The sample indicates that this ore is rich enough to be mined commercially if it exists in very large bodies, however, the sample was selected so as to be slightly higher grade than the average of the face from which it was collected. The sample assayed as follows:

Gold	0.003 ounces per ton	Lead	0.20 percent
Silver	0.40 ounces per ton	Copper	0.87 percent

Mr. Clarke's mineralized zone certainly is very unusual for a disseminated or porphyry-type ore body as it lacks the shattered or brecciated host rock, the intensity of alteration and the typical gossan so frequently associated with porphyry copper deposits. Nevertheless, evidence of mineralization extends over a large area and, although the ore may be very low grade, some additional exploration is justified.

Mr. Clarke discussed different possibilities of exploring his property and agreed upon a program that is only a slight modification

of his original plan. We propose to extend an adit northward about ten or fifteen feet to test the mineralized zone just beneath the shallow prospect pit where the sample was cut. We also agreed to drill a short vertical diamond drill hole about 100 feet south of the adit to see if the overburden in this area is underlain by ore. Both the adit and drill core are to be carefully sampled and assayed. Since discussing this program in the field, Mr. Clarke has decided to clean out and deepen some of the old prospect pits to see if they are underlain by the hard, disseminated sulfide ore.

#### CONCLUSION AND RECOMMENDATIONS

A small amount of additional exploration work is justified on Mr. Clarke's property in order to determine the extent of the mineralized zone. If the zone is large enough then this low grade ore might have commercial possibilities, however, this seems unlikely. A conservative exploration program should be followed because of the relatively high risk involved in early stages of exploration of low-grade deposits.

Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

John N. Faick, PhD  
Registered Professional Geologist

September 13, 1966  
P. O. Box 5671  
Tucson, Arizona

# SOUTHWESTERN ASSAYERS & CHEMISTS

REGISTERED ASSAYERS

FELIX K. DURAZO  
WIL WRIGHT  
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Mister John Faick  
2238 East Grant Road  
Tucson, Arizona

JOB # 000319  
RECEIVED 9-6-66  
REPORTED 9-8-66

SAMPLE NUMBER	GOLD OZ.	SILVER OZ.	LEAD %	ZINC %	COPPER %	MOLYBDENUM %
MC-1	.003	.40	.20		.87	

CHARGE \$ 8.25 Paid

8/31/66

Mike Clark -

"Black Cow Area, etc?"

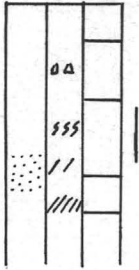
John Faick - 1 day trip to  
examine area + recommend  
drill sites, etc.

Brief memo & letter Report.

150<sup>00</sup>/day + exp.

LOG  
EXPLANATION

Rock Type  
Structure  
Mineralization



ROCK TYPE

Non-colored for porphyritic andesite

Non-colored but dotted for fine-grained andesite

STRUCTURE

/// Fracturing, number of lines indicates degree of fracturing

△△ Brecciation

sss Faulting

MINERALIZATION (Based on total sulfides)

Brown - Trace

Blue - Less than 1%

Purple- Less than 2%

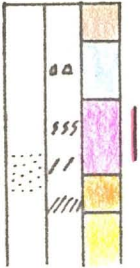
Orange- Less than 3%

Yellow- Less than 4%

Red line on right side of column indicates a presence of  
chalcopyrite greater than trace amounts

LOG  
EXPLANATION

Rock Type  
Structure  
Mineralization



ROCK TYPE

Non-colored for porphyritic andesite

Non-colored but dotted for fine-grained andesite

STRUCTURE

- /// Fracturing, number of lines indicates degree of fracturing
- △ △ Brecciation
- SSS Faulting

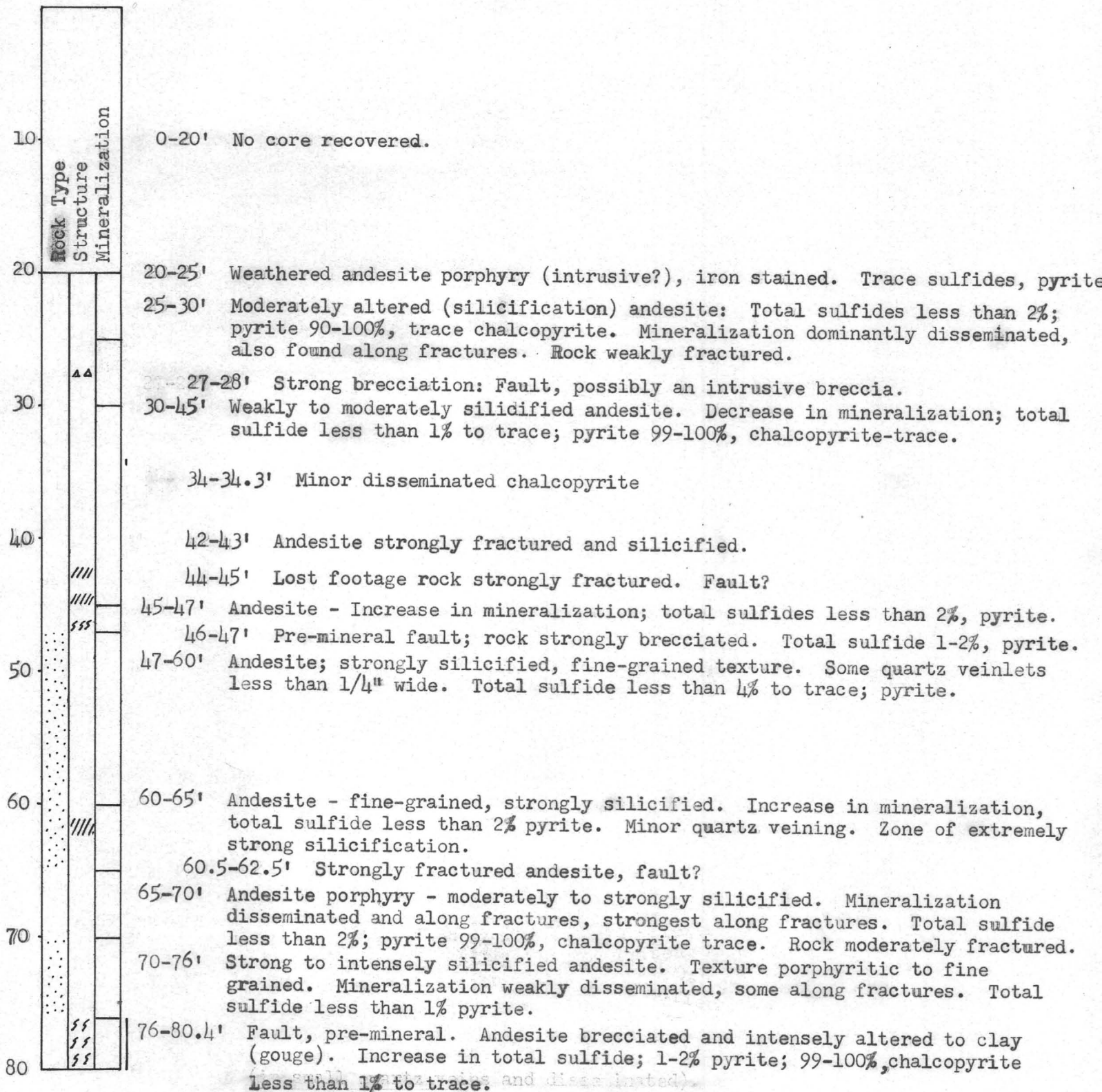
MINERALIZATION (Based on total sulfides)

- Brown - Trace
- Blue - Less than 1%
- Purple- Less than 2%
- Orange- Less than 3%
- Yellow- Less than 4%

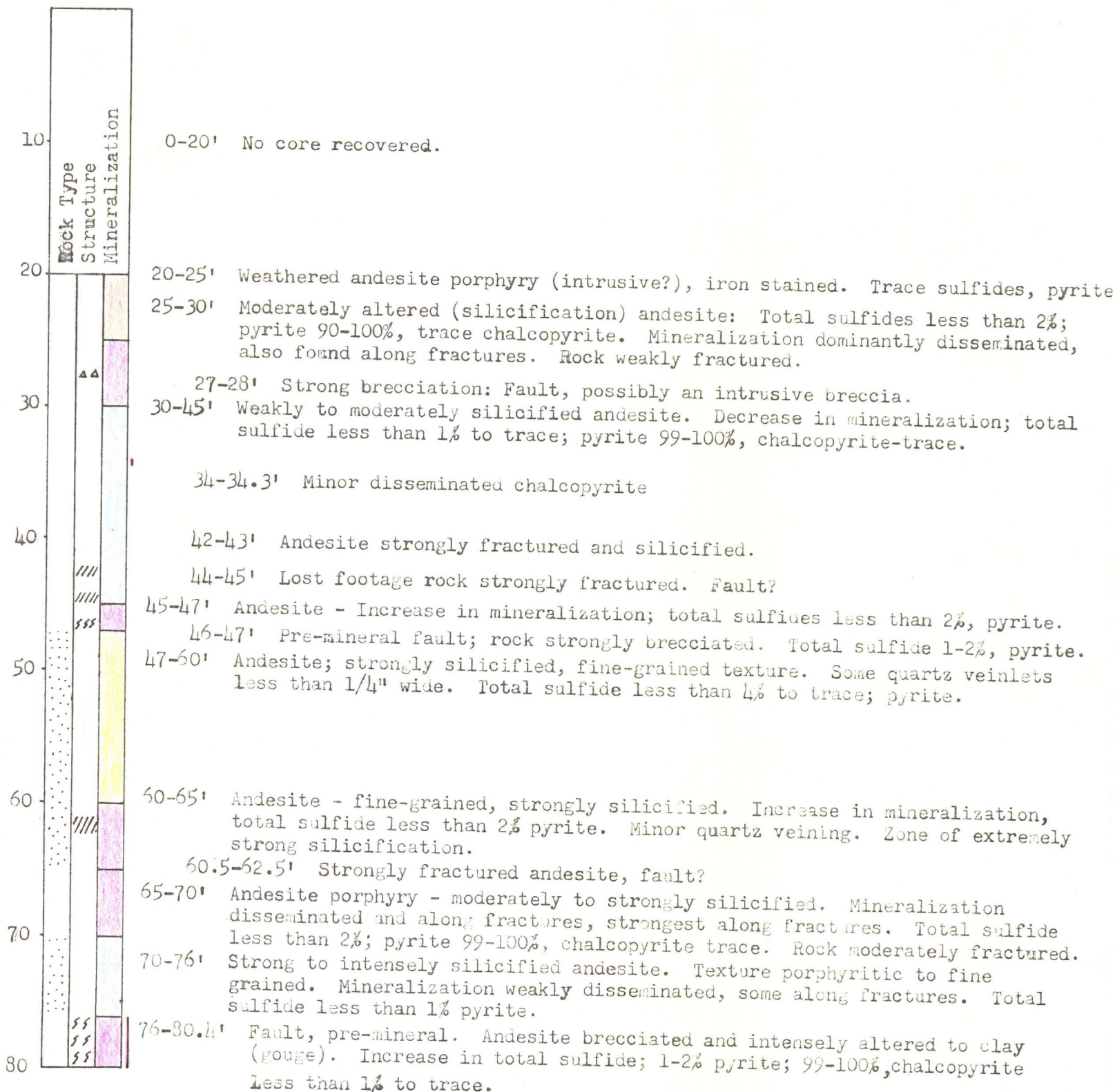
Red line on right side of column indicates a presence of  
chalcopyrite greater than trace amounts

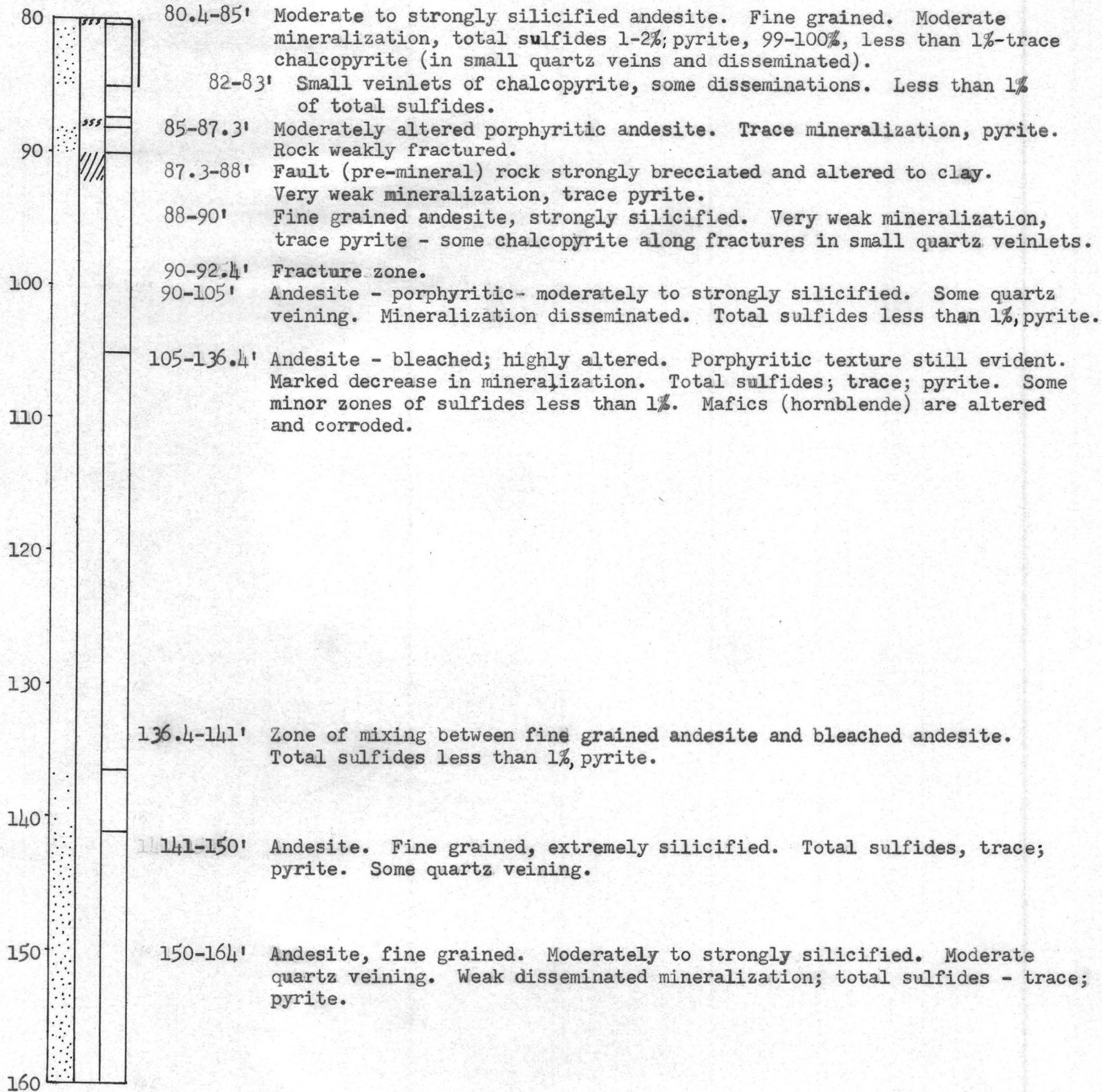


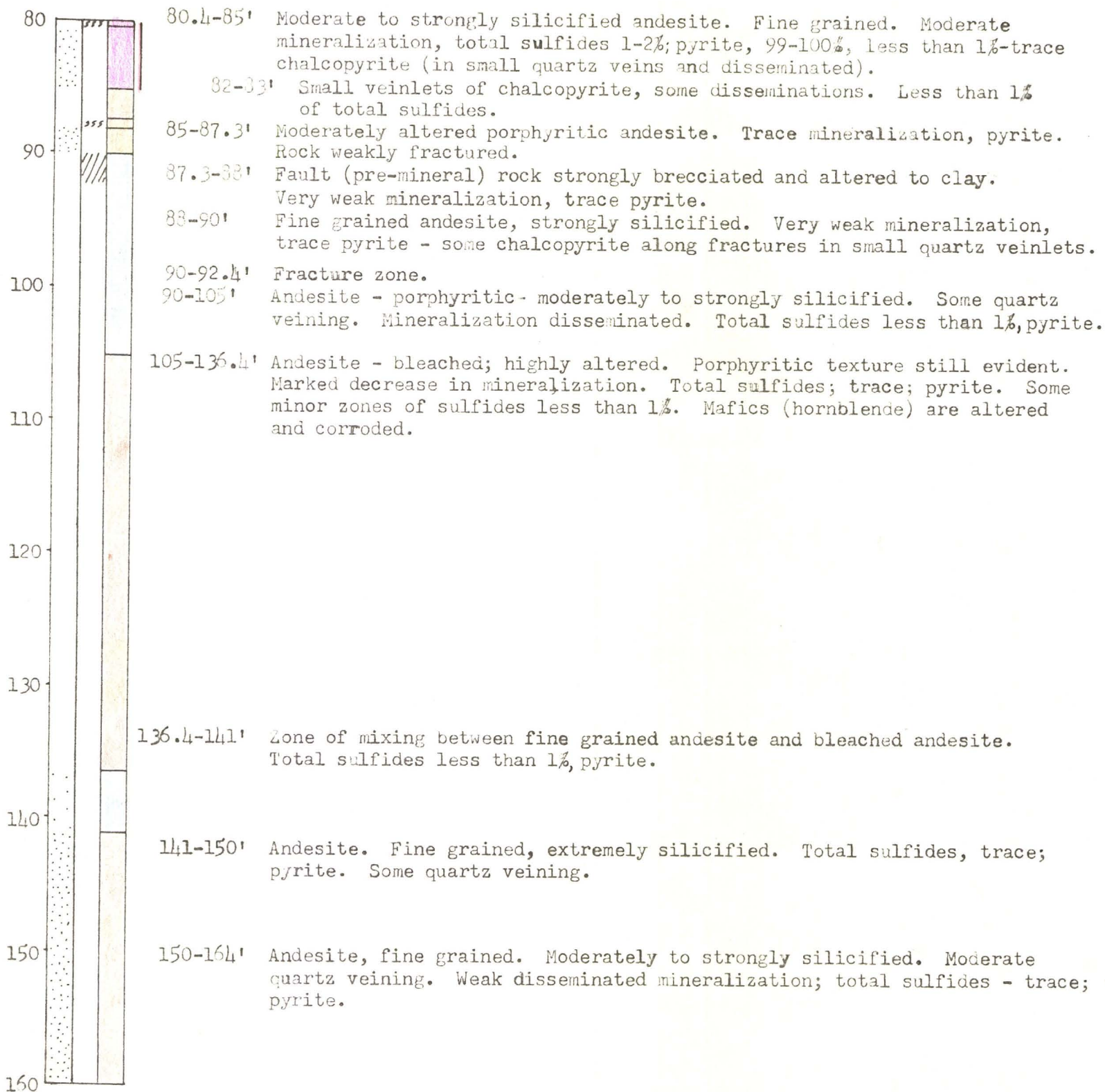
CORE LOG RESULTS  
HOLE # 1  
MIKE CLARK PROJECT

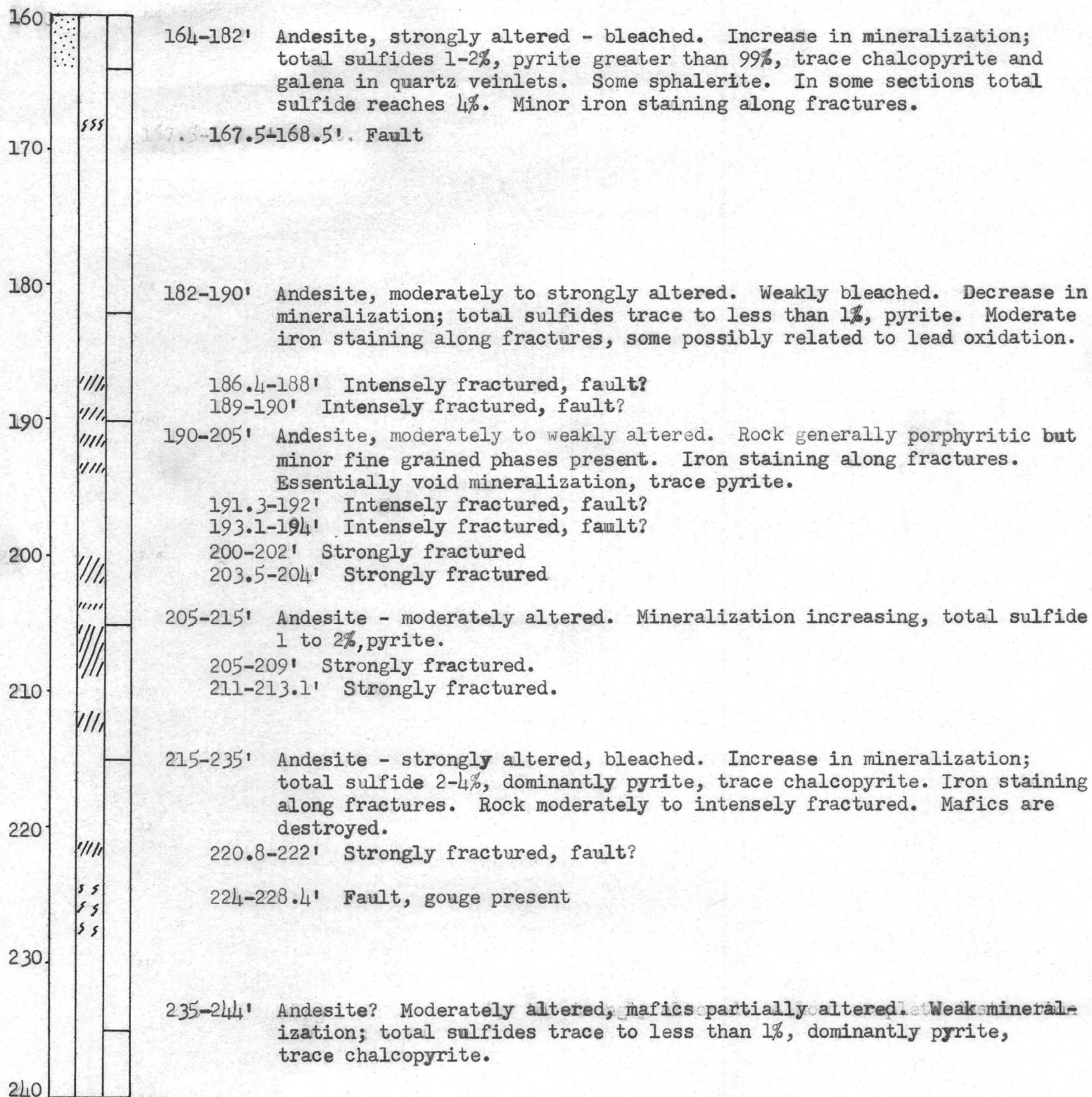


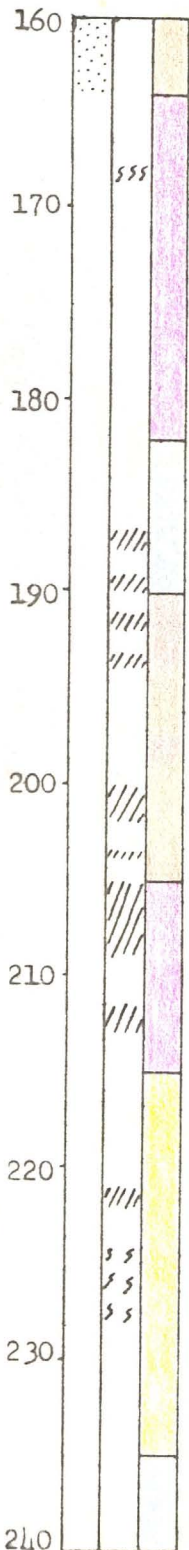
CORE LOG RESULTS  
HOLE # 1  
MIKE CLARK PROJECT



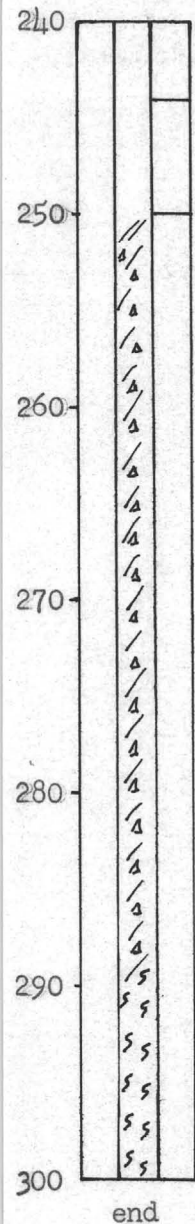








- 164-182' Andesite, strongly altered - bleached. Increase in mineralization; total sulfides 1-2%, pyrite greater than 99%, trace chalcopyrite and galena in quartz veinlets. Some sphalerite. In some sections total sulfide reaches 4%. Minor iron staining along fractures.
- 167.5-168.5' Fault
- 182-190' Andesite, moderately to strongly altered. Weakly bleached. Decrease in mineralization; total sulfides trace to less than 1%, pyrite. Moderate iron staining along fractures, some possibly related to lead oxidation.
- 186.4-188' Intensely fractured, fault?  
189-190' Intensely fractured, fault?
- 190-205' Andesite, moderately to weakly altered. Rock generally porphyritic but minor fine grained phases present. Iron staining along fractures. Essentially void mineralization, trace pyrite.
- 191.3-192' Intensely fractured, fault?  
193.1-194' Intensely fractured, fault?  
200-202' Strongly fractured  
203.5-204' Strongly fractured
- 205-215' Andesite - moderately altered. Mineralization increasing, total sulfide 1 to 2%, pyrite.
- 205-209' Strongly fractured.  
211-213.1' Strongly fractured.
- 215-235' Andesite - strongly altered, bleached. Increase in mineralization; total sulfide 2-4%, dominantly pyrite, trace chalcopyrite. Iron staining along fractures. Rock moderately to intensely fractured. Mafics are destroyed.
- 220.8-222' Strongly fractured, fault?  
224-228.4' Fault, gouge present
- 235-244' Andesite? Moderately altered, mafics partially altered. Weak mineralization; total sulfides trace to less than 1%, dominantly pyrite, trace chalcopyrite.

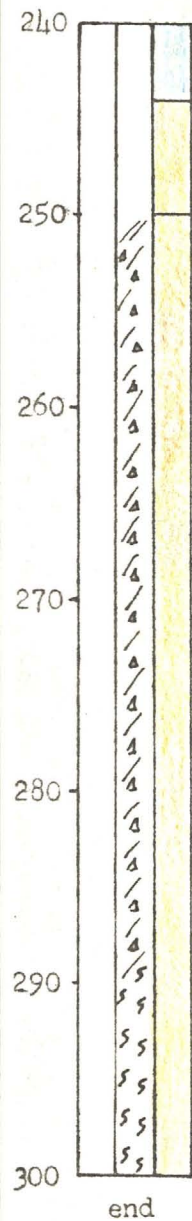


244-250' Andesite? Moderately to strongly altered. Almost complete destruction of mafics and texture of rock. Increased mineralization; total sulfides 1-3%, pyrite, trace chalcopyrite.

250-300' Rock type? (andesite?) Strongly altered and bleached. Intensely fractured with zones of moderate to strong brecciation. Secondary quartz filling in vugs and fractures common. Mineralization weak to moderate; total sulfides less than 1-3%, pyrite. Alteration is primarily silicification, but possibly some orthoclazation is present as is indicated by an increase in potassium feldspar. Some epidotization.

279-300' Iron staining along fractures.

289-300' Fault-strongly fractured, gouge.



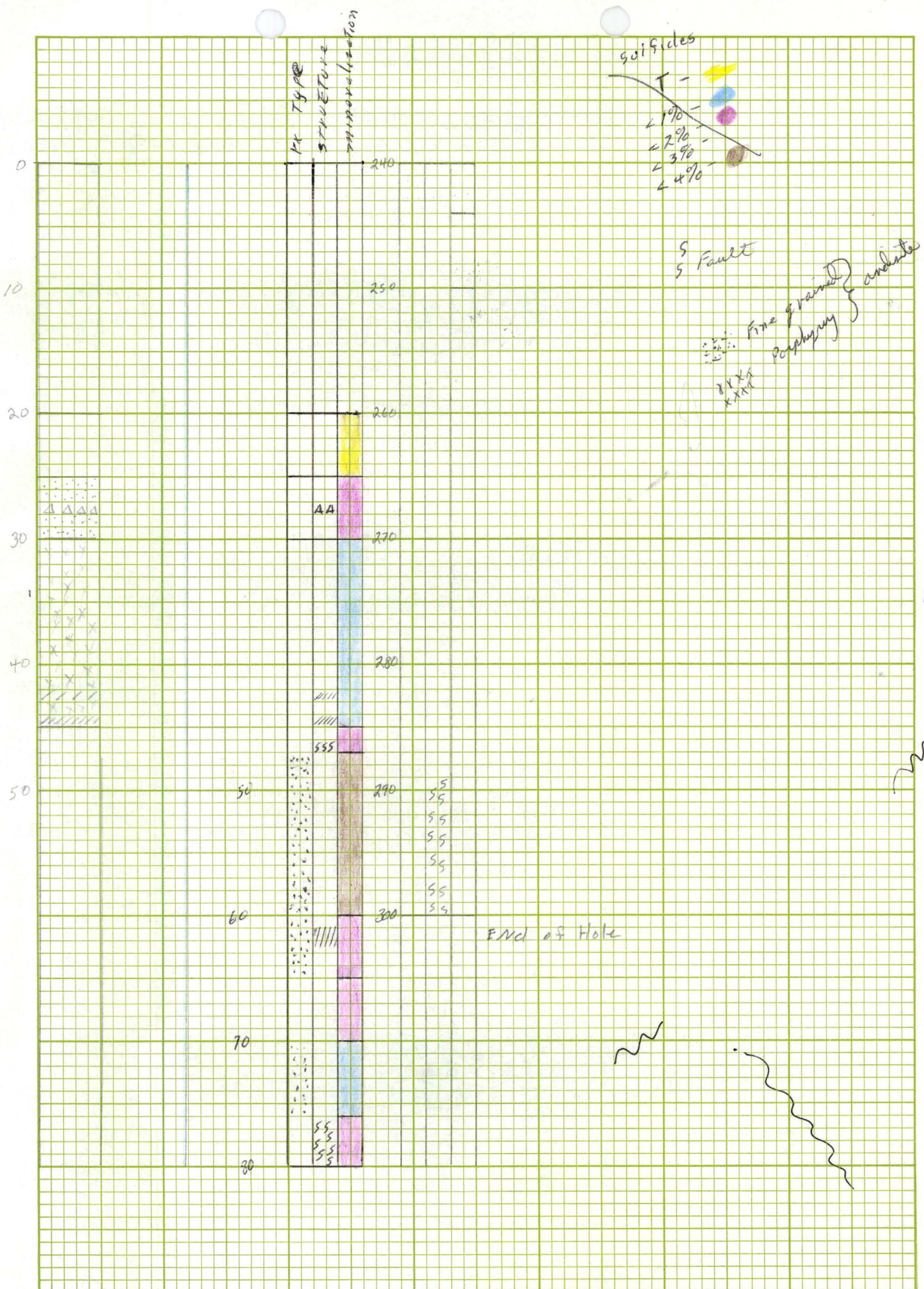
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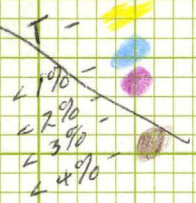
279-300' Iron staining along fractures.

289-300' Fault-strongly fractured, gouge.





golfides



S Fault

Fine grained  
 porphyry andesite

Kx Type  
 structure  
 mineralization

End of Hole

AA

SSS

SSS  
 SSS  
 SSS

50

60

70

80

240

250

260

270

280

290

300

0

10

20

30

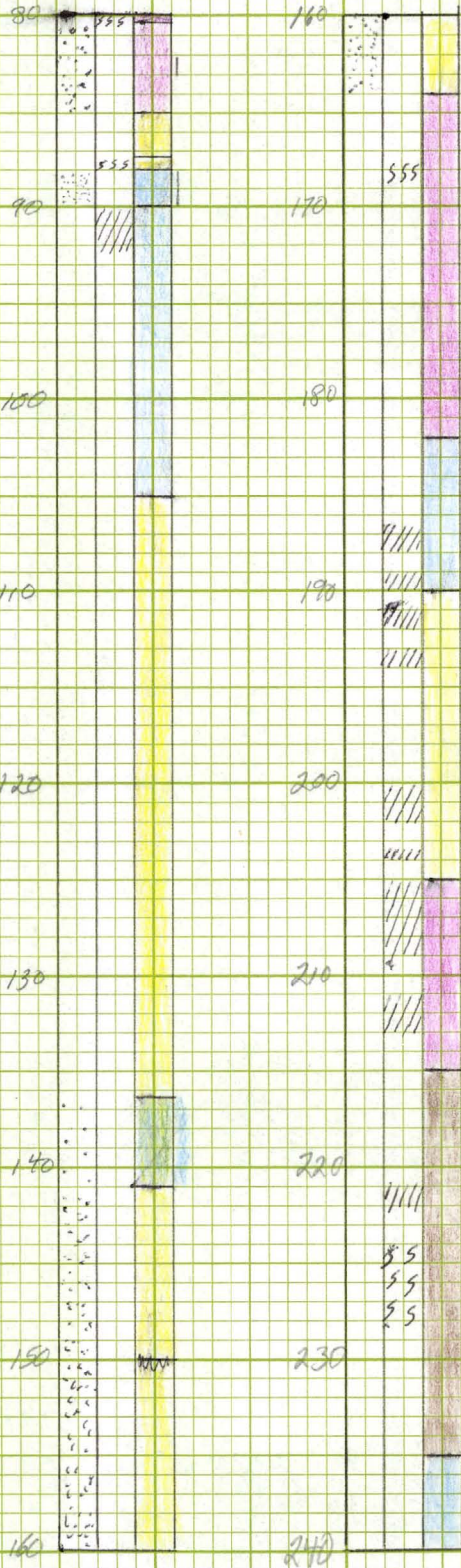
40

50

60

70

80



# SOUTHWESTERN ASSAYERS & CHEMISTS

REGISTERED ASSAYERS

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Mister John Faick  
2238 East Grant Road  
Tucson, Arizona

JOB# 000319  
RECEIVED 9-6-66  
REPORTED 9-8-66

SAMPLE NUMBER	GOLD OZ.	SILVER OZ.	LEAD %	ZINC %	COPPER %	MOLYBDENUM %
MC-1	.003	.40	.20		.87	

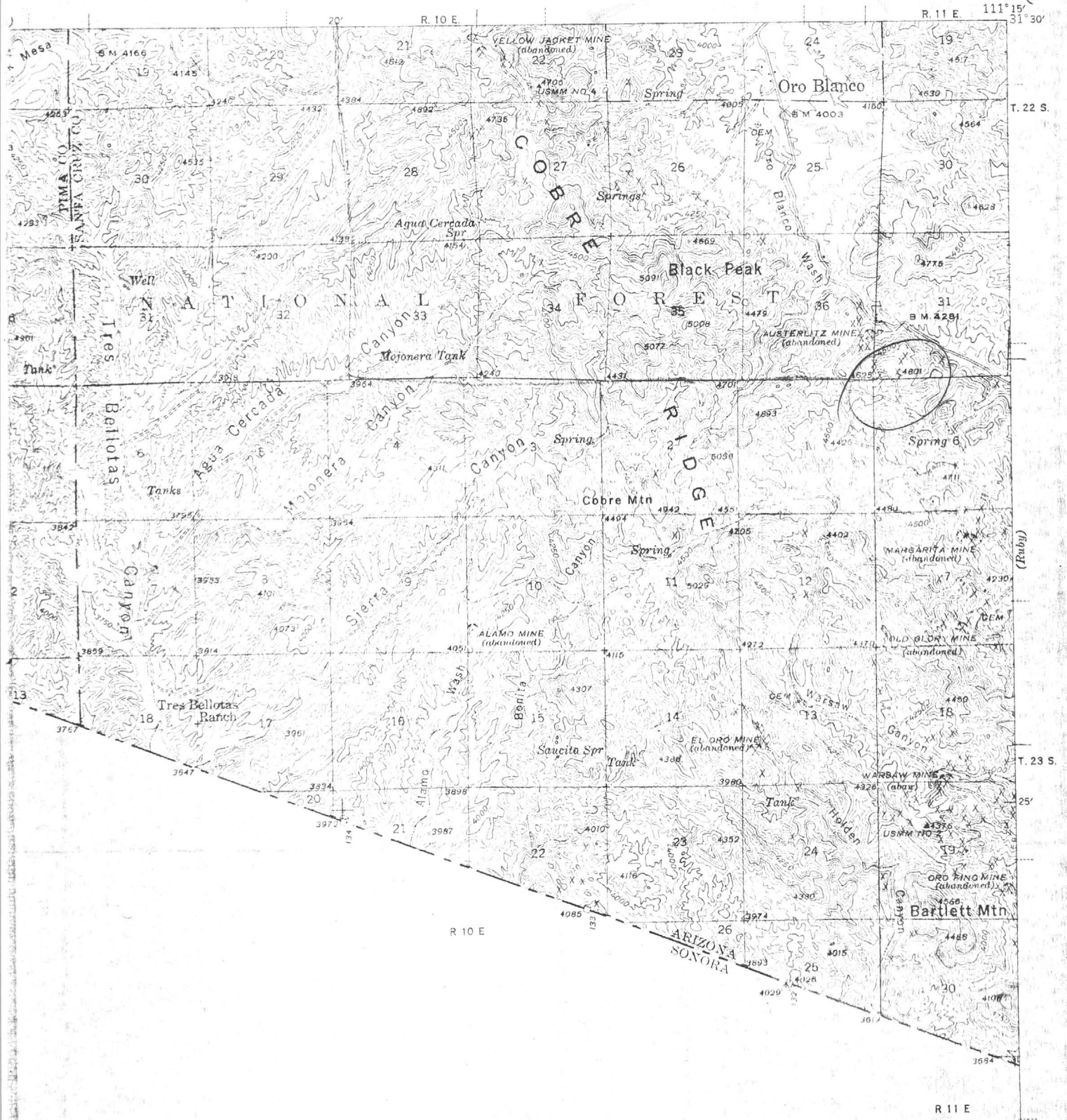
*Mike Clarke*

CHARGE \$ 8.25 Paid

ARIZONA  
ORO BLANCO QUADRANGLE  
15-MINUTE SERIES

(Tabac)

DEPARTMENT



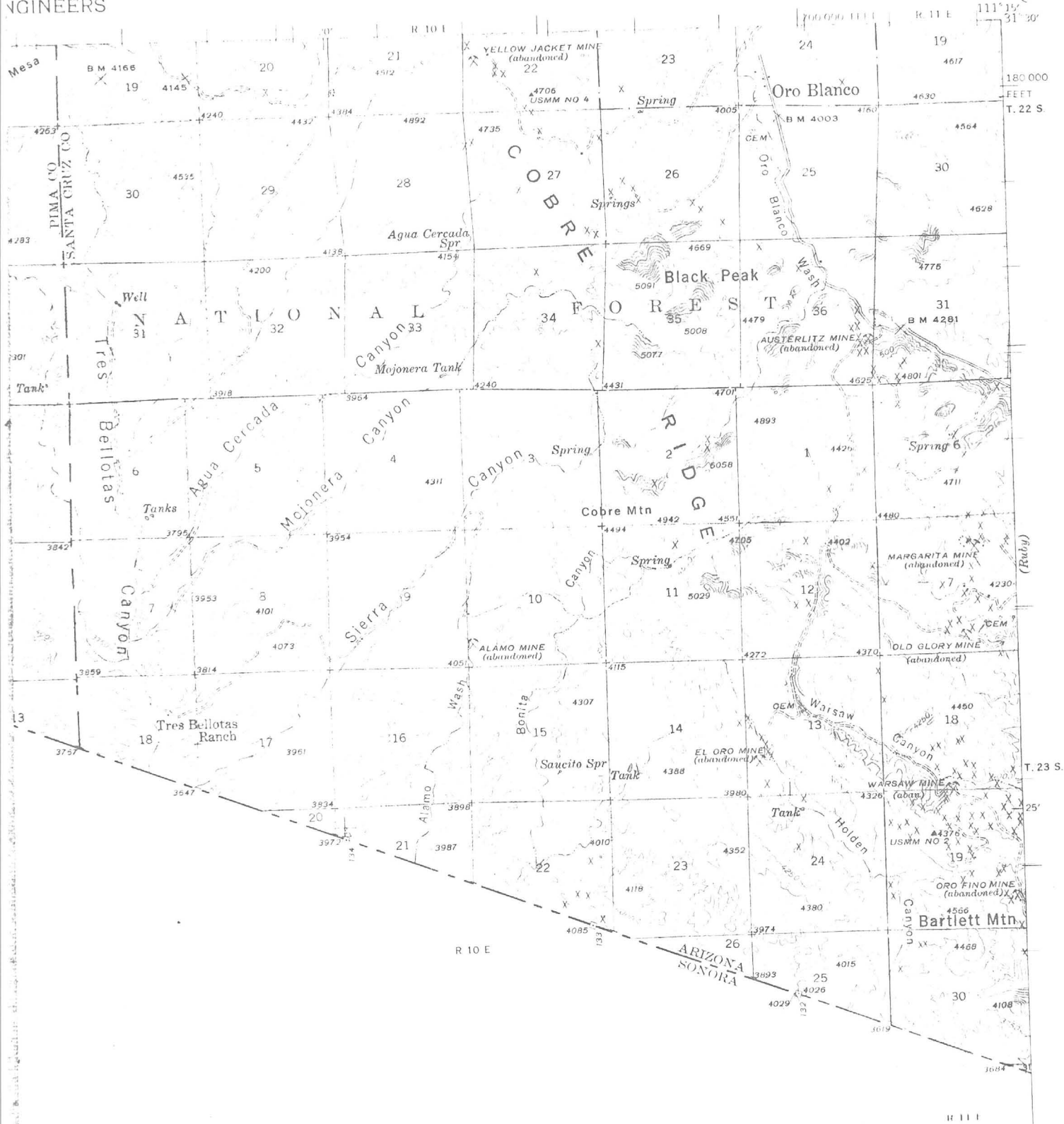
(Ruby)

ARIZONA  
SONORA

R 11 E

TATES  
F THE ARMY  
ENGINEERS

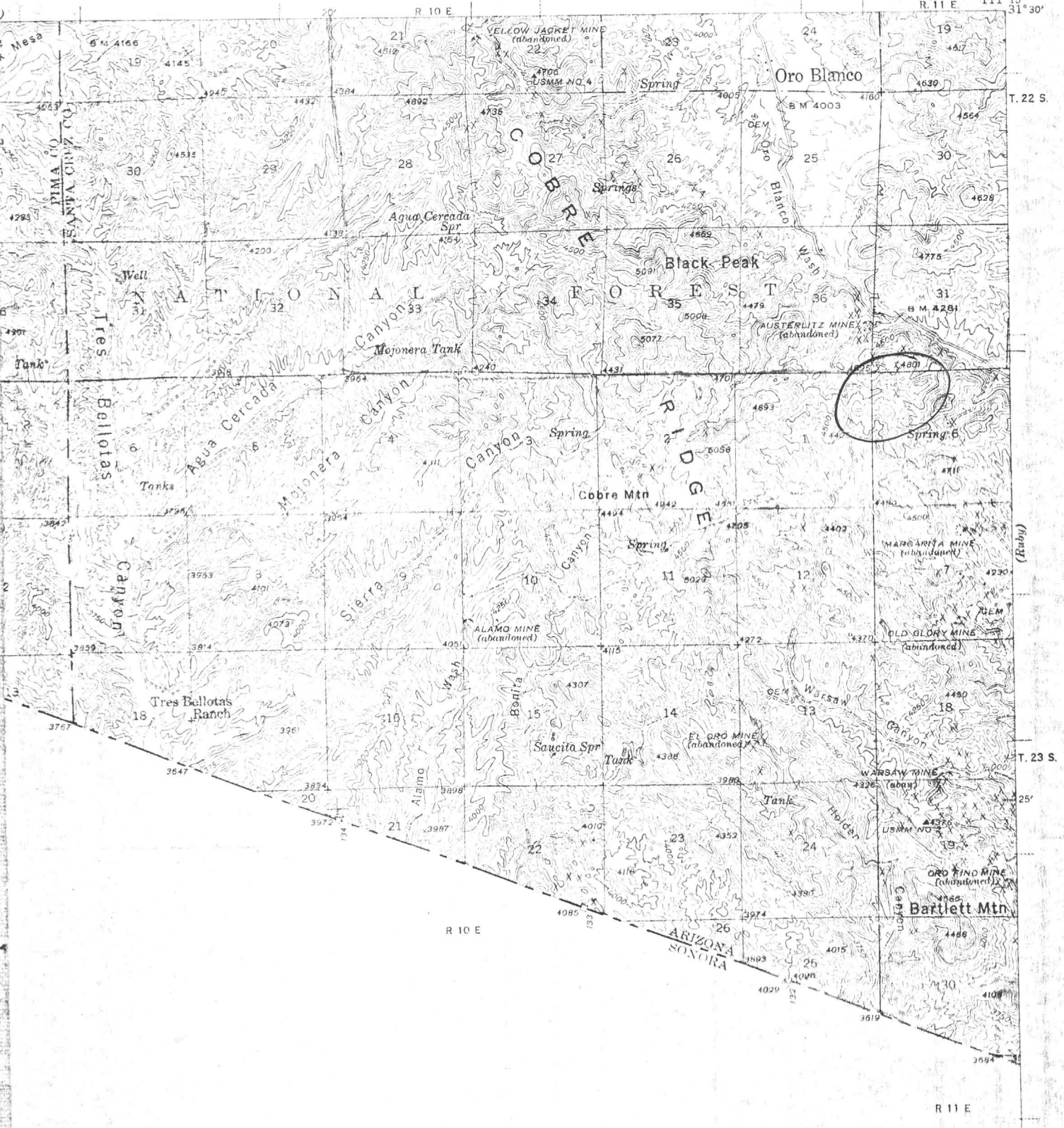
ARIZONA  
ORO BLANCO QUADRANGLE  
15-MINUTE SERIES



ARIZONA  
ORO BLANCO QUADRANGLE  
15-MINUTE SERIES

(Tubac)

DEPARTMENT



MEMORANDUM

To; Heinrichs Geoexploration Company  
From: John N. Faick

Subject: Geology of the Mike Clarke property near Oro Blanco,  
Santa Cruz County, Arizona

Introduction

On behalf of Heinrichs Geoexploration Company I accompanied <sup>At the request of Mr. Mike Clarke,</sup> Heinrichs Geoexploration Company I accompanied <sup>Heinrichs Geoexploration</sup> Mr. Mike Clarke to inspect his mining property near Oro Blanco on September 6, 1966. I found that Mr. Clarke <sup>is</sup> ~~was~~ a keen, careful observer thoroughly familiar with his property and I came away with a feeling that I was not able to contribute much to his knowledge of it. <sup>inspected examined mineralized area near Oro Blanco</sup>

Mr. Clarke's mining property consists of a group of eight unpatented claims located approximately in the northwest quarter of section 6, T 23 S., R. 11 E., about 3 miles south-southeast of the old community of Oro Blanco as shown on the Oro Blanco quadrangle. The mineralized zone is on a low, elongate hill trending approximately from north-northwest to south-southeast. The mineralized zone was explored by three short adits put in by Mr. Clarke and by several very old prospect pits. <sup>All of the area of interest was</sup> ~~I did not see~~ <sup>all of the area</sup> ~~of interest~~ so <sup>we were</sup> ~~am~~ relying to a considerable extent on Mr. Clarke's description of that part of the area ~~which I did not see~~. Because of the recent rains the area is covered with a lush growth of tall grass that makes field observations difficult and unsatisfactory.

Geology

The rocks observed within the mineralized area on the low hill consists primarily of a porphyritic type of rock having coarse, light gray to white feldspar phenocrysts set in a very fine grained dark gray matrix which <sup>is</sup> ~~I~~ tentatively <sup>is</sup> ~~classified~~ as andesite porphyry. Another rock which is closely associated with the porphyry is a coarse grained, light colored nearly equigranular

rock having the appearance of quartz monzonite. It appears that the monzonitic rock is intrusive into the porphyry but this suggested relationship is not definitely established. The monzonitic rock lies principally along the east side of the mineralized porphyry and a few scattered outcrops suggest it might also underlie the porphyry. The ~~mononitic~~<sup>monzonitic</sup> rock seems to be fresh, unaltered and barren, but it is somewhat decomposed by surface weathering.

Apparently only the andesite porphyry is mineralized. This weathers dark brown or nearly black and according to Mr. Clarke the entire mineralized zone has a distinctive dark colored appearance during the dry season when it is not covered with grass.

The dark color of the andesite is caused by thin films of impure limonite coating the outcrops and joint surfaces ~~and~~ of the rocks and filling vugs and cavities in the rock. Larger masses having limonite in the ~~vugs~~ vugs have the appearance of iron gossan and definitely indicate that the limonite is a residue left after some other material has been taken into solution and transported away. In other specimens it appears that limonite has precipitated from solution to form thin veinlets in fractured rock and films on joint surfaces.

Films and veinlets of typical dark brown to black gossan-like material in the weathered zone ~~in the xxxxxxxx below prospect pits above the upper xxx~~ were collected for spectrographic analysis. The material contained considerable iron and manganese and minor amounts of copper and lead. It also contained trace amounts of the elements ~~xxxx~~ calcium, magnesium, silica, aluminum, titanium and barium, but these are relatively unimportant, to our problem.



The iron stained zone can be observed in several prospect pits but appears to extend only to shallow depths. Near the south end of the zone is a pit in which the iron stained zone passes into very hard mineralized porphyry at a depth of 3 or 4 feet. About 15 feet lower is a short adit of which the face is almost directly below the prospect pit and is also in very hard, slightly mineralized porphyry. Similar rock, also containing traces of copper, is exposed in several <sup>throughout the area examined.</sup> <sup>Determination could not be made</sup> outcrops. I could not determine whether the soft altered rock or the very hard rock is the more intensely mineralized.

A chip sample of the very hard mineralized rock was taken from the shallow cut just above the adit. The sample indicates that this <sup>is rich enough to</sup> ~~ore could~~ be mined commercially if it exists in very large bodies, <sup>however,</sup> ~~the sample was~~ <sup>deliberately</sup> selected so as to be slightly higher grade than <sup>the average of the face from which it</sup> ~~was~~ <sup>was collected.</sup>

Gold	0.003	ounces	per	ton	Lead	0.20	percent	
Silver	0.40	"	"	"	Copper	0.87	"	← [0.87]

Mr. Clarke's mineralized zone certainly is very unusual for a disseminated or porphyry-type ore body as it lacks the shattered or brecciated host rock, the intensity of alteration and the typical gossan so frequently associated with porphyry copper deposits.

Nevertheless ~~a~~ evidence of mineralization extends over a large area, <sup>although the ore may be very low grade,</sup> and <sup>some</sup> additional exploration is justified.

Mr. Clarke ~~and I~~ discussed different possibilities of exploring his property and agreed upon a ~~xxxx~~ program that is <sup>only</sup> a slight modification of his original plan. We propose to extend an adit northward about 10 or 15 feet to test the mineralized zone just beneath the shallow prospect pit where the sample was cut. We also agreed to drill a <sup>diamond drill</sup> short vertical/hole about 100 feet south of the adit to see if the overburden in this area is underlain by ore. Both the adit and drill core are to be carefully sampled and assayed. Since discussing this program in the field Mr. Clarke has decided to <sup>clean out and</sup> deepen some of the old prospect pits to see if they <sup>are underlain by</sup> ~~may have been stopped~~ in the hard, disseminated sulfide ore.

Conclusion and Recommendations

A small amount of additional exploration work is justified on Mr. Clarke's property in order to determine the extent of the mineralized zone. If the zone is large enough then this low grade ore might have commercial possibilities, however, <sup>this</sup> ~~this~~ seems unlikely. A conservative exploration program should be followed because of the relatively high risk involved in <sup>early stages of exploration of</sup> ~~exploring~~ low-grade deposits.

Respectfully submitted

John K. Faick, Ph.D.  
Registered Professional Geologist

Tucson, Arizona

Sept. 8, 1966

# MONTANA MINE AND VICINITY

RUBY, ARIZONA.

## SHOWING SURFACE GEOLOGY

SCALE 20' 100' 200'  
G.M. Fowler July, 1938 Joplin, Mo.

### LEGEND

Blue Ribbon Diorite	
Sidewinder - Diorite Porphyry	
Ruby Diorite	
Shale	
Oro Blanco Conglomerate	
Veins and Faults	
Mining Claims with solid lines owned by E.P.M. & S.Co.	

