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PRINTED: 04/17/2002

PAN. 20F3

SUB B

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: NEWSBOY

ALTERNATE NAMES:

GRANDE GROUP
CHAS. BLACK CLAIMS
GNOME DEVELOPMENT

MARICOPA COUNTY MILS NUMBER: 226A

LOCATION: TOWNSHIP 6 N RANGE 4 W SECTION 22 QUARTER NW
LATITUDE: N 33DEG 50MIN 51SEC LONGITUDE: W 112DEG 40MIN 00SEC
TOPO MAP NAME: WICKENBURG SW - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER
GOLD LODE
SILICON
MANGANESE OXIDE

BIBLIOGRAPHY:

ADMMR NEWSBOY FILE
USBM RI 4097, 1947 & RI 4077, 1947
ADMMR "U" FILE, MARICOPA AU5
AZBM BULL. 180, P. 260
ADMMR MINE MAPS UPSTAIRS ROLLED BOXES
AGS 1990 FALL FIELD TRIP GUIDE
BLM DRAFT EA NO. AZ-026-92-39, JULY, 1992
BLM MINING PLAN OPERATIONS, 11/1992, VOL. 1&2

1941

1

17-21

20 Special Lane

Phoenix 300 Pitt

W. Longford

Property Phoenix

7 1/2 % of net

dividing to make

reference.

read all done

was necessary to purchase.

with minimum.

1

reference.

1000000

M.D. Pitt

11:30 PM

North

September 27th, 1947.

Mr. Stuart R. Zimmerly, Chief,
Metallurgical Branch USBM.,
Salt Lake City, Utah.

Dear Mr. Zimmerly:

In June I wrote you about a manganese-silver ore which did not seem to be amenable to any of the usual methods of treatment. I have mislaid your reply or my associate has it so I cannot refer directly to it. However, that is probably not important.

I have shipped to you a sack of about 80 lbs of crushed rejects for testing purposes. This went forward by the Utah-Arizona Freight Lines, prepaid.

We have spent considerable time in sampling and have in addition to those results the complete record of shipments covering more than 11,000 tons of ore. The gold content is from 0.05 to 0.08 oz (one shipment 0.40 oz); the silver 8.5 oz. The smelter analyses showed an average of 0.25% copper but this lot of rejects I have shipped does not show copper for some reason. We have no over-all average of the manganese but it will probably be appreciable enough to be worth recovering as a by-product if it can be done economically. There is a good market for manganese sulphate. Possibly some iron salts could be recovered also.

The shipments referred to were made in 1940-41 and at prevailing smelter and freight rates showed a fair profit but under present conditions any shipping program is out.

Very truly yours,

ARIZONA TESTING LABORATORIES
ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS
823 EAST VAN BUREN STREET

ASSAY CERTIFICATE

PHOENIX, ARIZONA, February 18 1947

Mr. D. W. Jaquays

Phoenix, Arizona

WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:

GOLD FIGURED AT \$ 35.00 PER OUNCE.

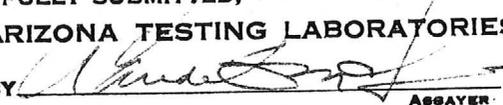
SILVER FIGURED AT \$ 90 PER OUNCE.

LAB. FORM 2

LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES		
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD	
33413	Lot 1333	0.048	1.40	0.20	0.18		1.58	42"
33414	" 1334	0.06	2.10 ✓	3.80	3.42		5.52	8'
33415	" 1335	0.06	2.10 ✓	6.40	5.76		7.86	6'
33416	" 1336	0.04	1.40	1.80	1.62		3.02	5'
33417	" 1337	0.04	1.40 ✓	3.00	2.70		4.10	8'
33418	" 1338	0.06	2.10	0.80	0.72		2.82	Grab
33419	" 1339	0.08	2.80	1.00	0.90		3.70	Grab
33420	" 1340	0.04	1.40	2.80	2.52		3.92	Grab
33421	" 1341	0.08	2.80	1.60	1.44		4.24	4'
33422	" 1342	0.02	0.70	3.60	3.24		3.94	8'
33423	" 1343	0.04	1.40	0.40	0.36		1.76	Grab 47

RESPECTFULLY SUBMITTED,

ARIZONA TESTING LABORATORIES

BY 

ASSAYER

Claude E. McLean

E. E. MCLEAN
P. O. BOX 1888

AL

ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS
823 EAST VAN BUREN STREET

ASSAY CERTIFICATE

Mr. D. W. Jaquays

PHOENIX, ARIZONA, August 13 1947

132 W. Granada Road
Phoenix, Arizona

WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:

GOLD FIGURED AT \$ 35.00 PER OUNCE.

SILVER FIGURED AT \$ 90 PER OUNCE.

LAB. FORM 2

LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES		
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD	
65760	# 1	None	----	1.30	\$1.17	None	East Slope of Butte.	
61	# 2	Trace	----	1.10	0.99	None	Across 15' West of Contact	
62	# 3	Trace	----	0.40	0.36		Breccia in gulch West of Contact.	
63	# 4	0.04	\$1.40	1.30	1.17		X Cut 10 - 20	
64	# 5	0.05	1.75	1.60	1.44		X Cut 20 - 30	
65	# 6	0.04	1.40	1.10	0.99		X Cut 30 - 40	
66	# 7	0.01	0.35	0.90	0.81		Riverside	

ASSAY CERTIFICATE

Mr. D. W. Jaquays

PHOENIX, ARIZONA, March 11 1947

Phoenix, Arizona

WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:

GOLD FIGURED AT \$ 35.00 PER OUNCE.

SILVER FIGURED AT \$ 90 PER OUNCE.

LAB. FORM 2

LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES		
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	Total	COPPER	LEAD
63835	14	0.04	\$1.40	4.40	\$3.96	5.36		10'
63836	15	0.04	1.40	4.20	3.78	5.18		8'
63837	16	0.04	1.40	0.40	0.36	1.76		5'
63838	17	0.06	2.10	4.80	4.32	6.42		8'
63839	18	0.06	2.10	1.60	1.44	3.54		10'
63840	19	0.10	3.50	9.60	8.64	12.14		11'
63841	20	0.06	2.10	5.40	4.86	6.96		6'
63842	21	0.04	1.40	5.20	4.68	6.08		5'
63843	22	0.04	1.40	3.30	3.42	4.82		10'
63844	23	0.04	1.40	2.20	1.98	3.38		Grab
63845	24	0.01	0.35	1.20	1.08	X 1.43		
63846	25	0.01	0.35	0.60	0.54	X 0.89		
63847	26	0.01	0.35	0.40	0.36	X tr		
63848	27	0.01	0.35	0.30	0.72	Y tr		

CLAUDE E. McLEAN
P. O. BOX 1883

ARIZONA TESTING LABORATORIES

ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS

823 EAST VAN BUREN STREET

TELEPHONE 3-6272

ASSAY CERTIFICATE

Mr. D. W. Jaquays

PHOENIX, ARIZONA, February 25, 1947

Phoenix, Arizona

WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:

GOLD FIGURED AT \$ 35.00 PER OUNCE.

SILVER FIGURED AT \$ 90 PER OUNCE.

LAB. FORM 2

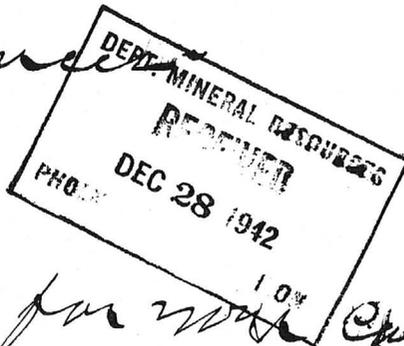
LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES		
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD	
63573	# 1	0.02	\$0.70	0.20	\$0.18	0.88		
63574	# 2	0.02	0.70	0.60	0.54	1.24		
63575	3	0.04	1.40	0.30	0.72	2.12		
63576	# 4	0.02	0.70	0.20	0.18	0.88		
63577	# 5	0.04	1.40	0.30	0.72	2.12		
63578	# 6	0.02	0.70	0.20	0.18	0.88		
63579	# 7	0.02	0.70	0.40	0.36	1.06		
63580	# 8	0.02	0.70	0.40	0.36	1.06		
63581	9	0.04	1.40	0.30	0.72	2.12		
63582	# 10	0.06	2.10	2.60	2.34	4.44		
63583	# 11	0.04	1.40	0.40	0.36	1.76		
63584	# 12	0.04	1.40	0.60	0.54	1.94		

Flagstaff, Arizona.

December 28 - 1942

Mr. J. S. Couper.

Director of Mineral Resources
Home Builders Bldg.



Dear Sam.

Thanks for your Christmas cards ordered some time ago. only arrived today. am sending some out today. better late than never I seen in pm dirt. that the new Production Board is asking about Flushing over in Arizona. that needed to keep the copper mines going at full blast. I see you sent in a report of the gold silver mines in Arizona that will fill the want. I hope you listed my Newsboy mine among those you sent in.

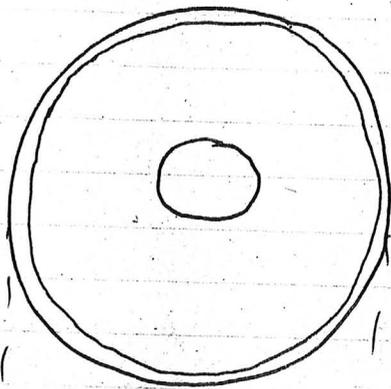
according to Professor Miller. who wrote many books on mining and metallurgy. He said the Newsboy mine out is an ideal Flushing over if that is true. it should be the first in line of Arizona Properties to be used over that purpose.

on account of its location so close
to the Railroad, and a good road
to the mine that only $2\frac{1}{4}$ miles from
the R. R. station, the ore can be
rucked from the mine to the R. R.
station for 25 to 30 cent Per Ton.
a Ramp is there, its only a matter
of a few minutes to dump the ore.
the Ramp belongs to me, where, and
using it, other shippers can.
the freight to Clarkdale, is \$1²⁵
Per Ton. I was trying to get it cut
to \$1.00 Per Ton, and felt sure the
deal would carry, then come that
bombing of Point Harbor and killed
it for the time, but I feel sure the
Santa Fe R. R. would be glad to make
the cut to \$1. Per ton to Clarkdale
if they were guaranteed 2, or more
cars Per day. my ore body is 85 feet
wide, a fine place for a steam
shovel to work on, I feel sure
there a million Tons in sight
to start on, do what you can
to swing my Property in line
on the ore floating movement
to help the low grade gold & silver
mines.

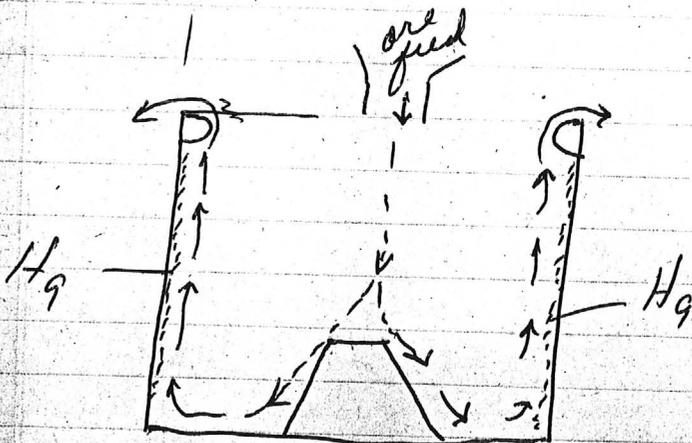
come back ³ to life.
Close to 200-50. Ton car was
shipped in 1940-1941. and 1942
which averaged \$7. Per Ton
or better. I would be tickled Pink
if I can sell the ore for \$1.47. for
25 cents Per Ton. at the mine
but will not turn down an offer
if im offered less. even if I do
think the Newby will make a big
mine ^{when} ~~with~~ the right development.
^{is done} I guess I have given you the information
that you need. if you need more
drop me a card and let me know
what I failed to tell you.
have been hoping to see some of the
miners in from the castle Hot Springs
district. but the cost on Rubber and gas
makes them stay at home.
will be glad to hear from you
soon on the #141ing ore question
with all good wishes

Faithfully yours
M.D. Pitt

Special amalgamator
dimension unknown



Spins at high speed



(24) 14 pounds of mercury put in first. By centrifugal force it spreads out over vertical walls. Ore and water fed in. Hydrostatic pressure and centrifugal force makes the ore rise on the walls. Gases retained and waste overflows. Water recovered almost 100%

OPTION AGREEMENT

THIS OPTION AGREEMENT, herein called "Agreement", is made effective as of the 30th day of June, 1975, by and between G. & W. MINING AND MINERALS, a partnership, herein described as "Owner", and LORNA L. KIRWAN, herein described as "Optionee";

W I T N E S S E T H:

WHEREAS, Owner owns certain unpatented lode mining claims situated in the Vulture Mining District in Maricopa County, Arizona, more particularly described in Exhibit "A" attached to and made a part of this Agreement, which mining claims are referred to as the "Premises"; and

WHEREAS, Owner and Optionee desire to enter into an Agreement whereunder Optionee shall have the exclusive right to enter upon the premises and explore for minerals thereon and thereunder, and to mine, together with the exclusive option to purchase the premises, all as hereinafter set forth;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) paid by Optionee to Owner, the receipt of which is hereby acknowledged, Owner and Optionee agree as follows:

1. Representations

Subject to the paramount title of the United States of America, as hereinafter referred to, Owner represents to Optionee that Owner owns the entire undivided title to and has the exclusive possession of the unpatented mining claims described in Exhibit "A", with the exception of portions of claims G.W.1 and G.W.2; that Owner's title to the mining claims is free and clear of all liens and encumbrances; that the acts of location performed by Owner on the said mining claims have been completed in compliance with the laws of the State of Arizona and of the United States of America, and that Owner has the full right,

power and capacity to enter into this Agreement upon the terms set forth herein.

2. Term of Option.

The term of the option granted to Optionee shall commence upon the execution of this Agreement. The option granted to Optionee shall expire at midnight, Mountain Standard Time, June 1, 2011, unless sooner terminated pursuant to the provisions of Section 10, or unless Optionee sooner exercises the option to purchase the premises.

3. Grant

Owner hereby grants to Optionee the exclusive right to enter upon and take possession of the premises during the option period, with the exclusive right to explore the premises for minerals, including, but not limited to, the right to perform geological, geochemical and geophysical work and the right to construct roads and drill sites, excavate, trench, sink shafts, test pits, take bulk samples for metallurgical testing and to conduct such other operations as deemed necessary by Optionee to determine the mineral content and mineability and treatment thereof; and Optionee shall have the right to mine, mill, store, treat, remove and market therefrom all ores, minerals and materials of whatsoever nature. The activities of Optionee shall be conducted in a good and minerlike manner. Optionee shall have the right to use and consume so much of the surface thereof as may be necessary or convenient for the full enjoyment of the rights granted hereunder, together with the exclusive option exercisable by Optionee at any time during the Option Period to purchase the premises, as hereinafter set forth. It is the intent of the parties to this Agreement that all mining claims which may be acquired by Owner or Optionee by location, purchase, lease, or otherwise, within a distance of two and one-half miles (2-1/2)

from the perimeter of the mining claims described in Exhibit "A" shall become a part of the premises.

4. Payments to Owner During Option Period and Work Requirements

The total purchase price for the premises is Three Million Dollars (\$3,000,000.00) payable as follows:

Three Thousand Dollars (\$3,000.00) on the execution of this Agreement; Three Thousand Dollars (\$3,000.00) on or before December 31, 1975; Three Thousand Four Hundred Dollars (\$3,400.00) on or before January 31, 1976 and a like amount on or before the last day of each succeeding month to and including December 31, 1976; Six Thousand Eight Hundred Dollars (\$6,800.00) on or before January 31, 1977 and a like amount on or before the last day of each succeeding month thereafter until the balance of the purchase price has been paid to Owner. Payments may be accelerated without penalty. The foregoing payments shall be minimum royalty payments.

Optionee shall pay a production royalty based upon a percentage of net smelter returns on the sale of all ores, concentrates, or other materials shipped from the Premises. Such payments shall be made by the smelter or other purchaser directly to the Owner, together with duplicate settlement sheets.

The percentage of net smelter returns shall be ten per cent for all materials other than gold and silver purchased by the smelter or other purchaser.

The percentage on sales of gold shall be calculated in the following manner: for the purposes of this Agreement it is assumed that the base price of gold is One Hundred Seventy-five Dollars (\$175.00) per troy ounce. The royalty thereon shall be seven and one-half per cent (7.5%). If the price of gold goes up or goes down the percentage of royalty shall correspondingly go up or down in the same ratio. The price of gold on the day of sale shall be the lowest price at which offers can be obtained

by Handy & Harman for gold, minimum 99.95% purity, for nearby delivery at New York, in quantities sufficient to meet H & H's daily requirements.

The percentage on sales of silver shall be calculated in the following manner: for the purposes of this Agreement it is assumed that the base price of silver is four dollars fifty cents (\$4.50) per Troy ounce. The royalty thereon shall be seven and one-half (7.5%). If the price of silver goes up or goes down the percentage of royalty shall correspondingly go up or down in the same ratio. The price of silver on the day of sale shall be the price paid by Handy & Harman, New York, for silver in unrefined materials.

For the purposes hereof "net smelter returns" is defined as the amount paid by a smelter, processor or other purchaser of ores, concentrates or other products taken from the Premises, after deducting transportation costs from the Premises to the processor, processing charges of the buyer and penalties, if any. Net smelter returns includes bonuses and subsidies.

During each year, minimum royalty payments made during that year shall be credited to production royalty payments made during that year.

In addition to the foregoing payments, Optionee agrees to expend upon the Premises a sum of not less than Fifty Thousand Dollars (\$50,000.00) in carrying out work programs prior to June 30, 1976.

If this Agreement is terminated, Optionee shall have no obligation to make any of the payments described above, the due dates for payment of which occur after such termination.

5. Protection from Liens and Damages

Optionee shall pay all expenses incurred by it in its operations on the premises hereunder and shall allow no liens

arising from any act of Optionee to remain upon the premises. Optionee shall indemnify Owner against and hold Owner harmless from any liability to third persons resulting from Optionee's operations hereunder. Owner may post no-lien notices upon the premises which shall be maintained by the Optionee.

6. Taxes

Optionee shall pay all taxes and assessments levied or assessed upon its equipment and operations hereunder and upon all buildings and facilities owned or placed by it upon the premises.

Optionee agrees to pay all taxes, assessments, privilege sales taxes, so-called severance taxes, if any, and other governmental charges imposed upon the premises or Optionee's operations while this agreement is in effect, and Owner agrees to promptly transmit to Optionee any notices pertaining to such taxes, assessments and charges which Owner may receive. Optionee shall have the right to contest, in the courts or otherwise, the validity or amount of any such taxes or assessments or charges if it deems the same unlawful, unjust, unequal or excessive, and to take other such steps or proceedings as it deems necessary to secure a cancellation, reduction, readjustment or equalization thereof before it shall be required to pay the same, but in no event shall Optionee permit or allow title to the premises to be lost as a result of nonpayment of any taxes, assessments or other charges.

7. Assessment Work

Optionee agrees to perform on or for the benefit of the premises the annual assessment work required for the assessment year ending September 1, 1975, and each assessment year thereafter, if required by law, to maintain the unpatented mining claims described in Exhibit "A". Such work shall be performed on or

after this year.
before July 1 of each year, / Optionee shall record affidavits of such performance. Owner agrees that the requirements of this Section 7 will be satisfied if work commonly considered as qualifying as assessment work, including work permitted by 30 U.S.C. Sections 28-1 and 28-2 is performed each year of the option term on one or more of the claims listed on Exhibit "A".

8. Amendment and Patent of Claims

Optionee shall have the right to amend, in the name of Owner, any of the unpatented mining claims which Optionee deems advisable to so amend. Upon request by Optionee, Owner shall apply for a patent to any of the unpatented mining claims so designated by Optionee and shall execute all necessary applications and documents in connection therewith and shall cooperate fully with Optionee in securing such patents. All expenses incurred or authorized by Optionee in connection with such amendment and patent proceedings shall be borne by Optionee. The rights of Optionee under this Agreement shall extend to any of the amended or patented mining claims.

9. Title Matters

(a) Title Documents - Upon written request of Optionee at any time during the terms hereof, Owner shall promptly deliver to Optionee all abstracts of title to and copies of all title documents affecting the premises which Owner has in its possession.

(b) Title Defects, Defense and Protection - If, in the opinion of Optionee's counsel, Owner's title to any of the premises is defective or less than as represented in Section 1; or, if Owner's title is contested or questioned by any person, entity or governmental agency; and if Owner is unable or unwilling to promptly correct the defects or alleged defects in title, Optionee may attempt, with all reasonable dispatch,

to perfect, defend or initiate litigation to protect Owner's title. In that event, Owner shall execute all documents and shall take such other actions as are reasonably necessary to assist Optionee in its efforts to perfect, defend or protect Owner's title. If title is less than as represented in Section 1, then the costs and expenses of perfecting, defending or correcting title shall be a credit against payments thereafter to be made to Owner under the provisions of Section 4, unless the encumbrance or dispute arises from Optionee's failure to perform obligations hereunder, in which case such costs shall be borne by Optionee.

(c) General - Nothing herein contained and no notice or action which may be taken under this Section 9 shall limit or detract from Optionee's rights to terminate this Agreement at any time prior to exercise of this option to purchase.

10. Termination; Removal of Property

(a) Termination by Owner - In the event of any default by Optionee in the performance of the obligations hereunder, other than performance of annual labor, Owner shall give to Optionee written notice specifying the default. If the default is not cured within thirty days (30) after Optionee has received the notice, or if Optionee has not within that time begun action to cure the default and does not thereafter diligently prosecute such action to completion, Owner may terminate this Agreement by delivering to Optionee written notice of such termination.

(b) Termination by Optionee - Provided that Optionee is not in default, Optionee shall have the right to terminate this Agreement at any time prior to exercise of this option to purchase. Said written notice shall be accompanied by a quitclaim deed or relinquishment in recordable form from Optionee to Owner. Upon such termination all right, title and interest of Optionee

production royalties and minimum royalties. Owner shall simultaneously deliver to Optionee a deed in recordable form conveying the premises to Optionee, subject to the rights of the United States of America. Owner shall thereupon have no further interest in and to the premises described in Exhibit "A" or amendments or patents thereto.

11. Notices

Any notice or communication required or permitted hereunder shall be effective when personally delivered or shall be effective when addressed:

If to Owner:

G. & W. Mining & Minerals
c/o Jerome P. Mills
1444 South 27th Street
Phoenix, Arizona 85034

If to Optionee:

The Lost deBulery Co., Inc.
c/o Jones, Hatfield, Penfield and Garrett
Attorneys at Law
12425 Rancho Bernardo Road
San Diego, California

Mr. Don Head
Attorney at Law
110 East Gurley Street
Prescott, Arizona 86301

and deposited, postage prepaid, certified or registered, return receipt requested, in the United States or Canadian mails. The parties may, by notice to the other given as aforesaid, change their mailing addresses for future notices hereunder.

12. Examination of Property and Accounts

Owner shall have the right to enter upon the property at its own risk at reasonable times to inspect the operations of the Optionee. Owner shall, at all reasonable times, have the right to examine the records of Optionee pertaining to production and royalties.

13. Care of the Premises

Optionee agrees that in the event of termination of this Agreement that it will fill in or substantially fence all excavations and will comply with all governmental laws, regulations and rules.

14. Entire Agreement, Construction; Memorandum

All of the agreements and understandings of Optionee and Owner with reference to the premises are embodied in this Agreement, which supersedes all prior agreements or understandings between Optionee and Owner with reference to the premises. Section headings in this Agreement are for convenience only, and shall not be considered a part of this Agreement or used in its interpretation. If requested by Optionee, Owner shall join in the execution of a Memorandum Agreement in a recordable form sufficient to constitute notice of this Agreement to third persons under the laws of the State of Arizona.

15. Escrow

Owner and Optionee hereby appoint U. S. Life Title Company in Maricopa County, Arizona, or its successor, its Escrow Agent to receive and distribute all payments made pursuant to this Option Agreement after an escrow is set up as provided herein. The parties hereto agree that the Escrow Agent shall act in such capacity as soon as Optionee so elects. Contemporaneously with establishment of said escrow, Owner agrees to execute a good and sufficient mining deed quitclaiming the premises to Optionee. This mining deed will be placed in escrow with the Escrow Agent with instructions that the same be delivered to Optionee upon payment of the full purchase price by Optionee. In the event an escrow is set up as provided herein and this Option Agreement is thereafter terminated for any cause, other than payment of the purchase price, then the mining deed shall be returned to Owner.

EXHIBIT "A"

The following unpatented mining claims located in the Vulture Mining District, Section 22, Township 6 North, Range 4 West, G. & S.R.E. & M., Maricopa County, Arizona, the location notices of which are recorded in the following Dockets and Pages of the Records of the County Recorder of Maricopa County, Arizona:

<u>Name of Claim</u>	<u>Docket</u>	<u>Page</u>
G. W. 1*	7366	953
G. W. 2*	7366	954
G. W. 3	7366	955
G. W. 4	7366	956
G. W. 5	7366	957
G. W. 6	7366	958
G. W. 7	7366	959
G. W. 8	7366	960
G. W. 9	7366	961
G. W. 10	7366	962
G. W. 11	7366	963
G. W. 12	7366	964
G. W. 13	7366	952
G. W. 14	7366	951
G. W. 15	7366	950
G. W. 16	7366	949
G. W. 17	7366	948
G. W. 18	7366	947
G. W. 19	7366	946
G. W. 20	7366	945
G. W. A	9089	267
G. W. B	9089	268
G. W. C	9089	269
G. W. D	9089	270

* Title to a portion of G. W. 1 and G. W. 2 is in litigation. Owner makes no representation relating thereto.

REPORT
ON
NEWSBOY GROUP

Location

The Newsboy Group consists of twenty-three unpatented lode mining claims and two millsites. The claims are located in the Vulture mining district, Maricopa County, Arizona, three miles west of Morristown Post Office (railroad station Hot Springs Junction on the Santa Fe), on the west side of the Hassayampa River, in an area of low relief. The dirt road from Morristown is of excellent quality. Morristown is on U. S. Highway 60-70-89, forty-five miles northwest of Phoenix.

The claims are recorded in the office of the County Recorder at Phoenix. All records pertaining to statutory requirements for holding unpatented mining claims are in good order and up-to-date.

Development

In 1915 the principal workings consisted of: (1) An adit crosscut starting at the footwall driven in a northeasterly direction eighty-six feet. From the face of this crosscut an inclined raise had been driven to the surface, a distance of twenty-four feet. At fifty feet from the portal a winze had been sunk for fifty feet and a short crosscut run in a northeasterly direction, from the bottom. (2) About three hundred feet southeast of the adit crosscut an irregular inclined shaft had been sunk in the vein for twenty-two feet close to the footwall. (3) Miscellaneous shallow cuts and trenches along the strike for a total distance of about one thousand feet, all close to the footwall.

Present development consists of: (1) An open pit from which 11,258 tons of ore were mined and shipped direct to smelters. This pit totally obliterated the adit crosscut (1) above. (2) From the face of the pit a crosscut extends northeasterly approximately 460 feet. This is a continuation of the adit crosscut (1) above, and was driven before the pit operation. It began at the foot of the inclined raise (1) mentioned above; a few feet of exploratory drifting was driven near the portal of this adit crosscut. (3) To the southeast, about 150 feet, another adit crosscut, starting in the vein but close to the footwall, extends 110 feet in a northeasterly direction. (4) Some seventy feet southeast of (3) above is an old shaft, sunk close to the footwall. (5) Continuing to the southeast about thirty-five feet is a more recent shaft forty feet deep in the vein. This shaft is very close to the 22-foot incline sunk in 1915, now deepened to forty-five feet and connected with the 40-foot shaft. (6) Northwest of the open pit is an inclined shaft reported to be something over two hundred feet deep and from the bottom of which a crosscut has been driven in a northeasterly direction about five hundred feet. The collar of this shaft is about forty feet above the bottom of the pit. This shaft has not been examined as yet, as the timbers need repairing.

Structure and Ore

The ten principal claims of the group were located in 1914. The senior writer visited the property in June 1915 and took a few preliminary samples. At about the same time deep channel samples were taken independently by three other Arizona engineers. There was a close agreement in the results of the four sets of samples, the average value in gold and silver amounting to \$4.50 per ton. (Gold at 20.67 oz. and silver at 50 cents oz.)

The vein occurs on the contact of schist, which forms the footwall and an altered rhyolite porphyry hanging wall. The rhyolite porphyry also carries some values in gold and silver. The quartz in the vein is intensely crushed, quite porous, and carries an abundance of iron and manganese oxides with calcite. Free gold can be panned occasionally. There are no visible silver minerals. Copper stains are rare but copper was reported in all shipments to the smelters. Wulfenite, vanadinite, cerussite and anglesite, named in order of abundance, occur but not plentifully. One fault of slight displacement has been noted between the short adit crosscut (3) and the old shaft to the southeast.

Though some small shipments of sorted ore were made prior to the pit operation there is no record available of these shipments. The complete record of the ^{percent} shipments from the pit is available. The results have been tabulated and equated and show that 11,258.5 tons shipped averaged 8.07 ounces silver and 0.0683 ounce gold to the ton.

The results of deep channel sampling around the sides of the pit, in the two adit crosscuts and grab samples from the shaft dumps (the three shallow shafts only) are shown on the accompanying maps. A proposed program of exploration by diamond drilling is also shown.

Mining

The size and dip of the orebody is such that for the first 100 feet in depth the ore can be mined by open-pit methods and down to this depth the ore-waste stripping ratio will not exceed one ton of waste moved for one ton of ore mined. The waste removed should be stockpiled so, at a later date in event of a higher gold price or lower operating costs, this material could be milled. Indications are that for over 300 feet into the hanging wall of the vein this material will assay nearly \$2.00 in gold and silver. Mining costs due to a high degree mechanization should never exceed \$0.75 per ton for ore delivered to the mill.

Milling

Mill tests to date show that 95 percent of the gold can be extracted by straight cyanidation, however the silver minerals are more refractory and it may be necessary to give the ore about one hour's treatment with a reducing roast. Tests show that the reducing roast will improve extraction of silver from this type of ore, and 80 percent or better extraction of the silver may be expected. The ore should become less refractory at depth after the oxidized surface material is removed.

Ample water for a 500-ton-a-day operation is available from wells along the Hassayampa River. Electric power is available from the Central Arizona Light and Power whose lines now pass through Morristown, three miles distant. The present quoted price on power to operate a 450-horsepower load at the mine is 9 mills per kilowatt.

Proposed Development

The proposed diamond drilling program as shown on the sectional map will check a block of ground containing approximately 800,000 tons to the 300-foot level. By drilling a line of five vertical holes at 100-foot intervals, 200 feet deep and 150 feet back from the outcrop on the hanging wall, and another line of holes 250 feet back from the outcrop and 260 to 300 feet deep, these would cut the vein at intervals of 100 feet along the strike of the vein and approximately 130 feet apart on the dip. This program would require between 2500 and 3000 feet of drilling, and when completed will have checked a length of 500 feet on the strike and to a depth of nearly 350 feet down the dip of the vein. A careful log and assay of the holes should be kept from surface down, as the hanging wall of the vein is known to contain \$2.00 or more in gold and silver values.

Production Possibilities

Using the average values obtained in the recent channel sampling and assuming that the diamond drilling program will develop ore of this same grade or better, the estimated operating costs and profits are set out in the attached Schedules A and B. The ore zone has been traced by outcrops for a distance of 1000 feet, but to date only about 500 feet of the zone has been checked by development. Using this 500-foot section as the basis for computing possible ore and with the indicated width of the vein as 72 feet, there would be 3000 tons of ore indicated per vertical foot of the vein, or 300,000 tons for each 100 feet in depth developed down the dip of the vein. The north and south sections of the vein in which no development work has been done to date could contribute an additional several thousand tons per vertical foot to the ore figures.

The grade of the ore indicated from channel sampling in the open pit is 0.06 ounce gold, or \$2.10 per ton, and the silver values are 4.0 ounces, or \$3.60 per ton, making a total value of \$5.70 per ton. Of this gross figure of \$5.70 per ton a recovered value of \$4.88 can safely be used, and with mining and milling costs as set up in Schedule A as \$2.91 per ton, this leaves a net of \$1.97 a ton, or for a 300-ton-a-day operation the net annual profit could be 90,000 tons times \$1.97, or \$159,300.

Conclusions

In view of the large tonnage of ore indicated, both by actual production and sampling taken to date, further work in the form of a thorough

program is warranted. This property could be developed into a producer with low operating costs and a good return on money invested.

Respectfully submitted,

A. L. Flagg

A. L. Flagg
Mining Engineer

D. W. Jacques

D. W. Jacques
Mining Engineer

STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX 7, ARIZONA



November 30, 1964

Dr. William Baker
2727 N. Central Ave.
Phoenix, Arizona

Dear Doctor Baker:

Mr. Charles Kuzell requested that I brief you on the Newsboy Property, 4 miles west of Morristown.

The property consists of 12 unpatented lode claims and 2 millsites claims. It lies in the Vulture Mining District, 4 miles by road west from Morristown, on the west side of the Agua Fria River. The property is now contracted by the M. D. Kitt Estate. P.H.

The principal shipments of ore 1940-1942, totaled over 11,000 tons of ore that averaged \$9.27 per ton in gold and silver values and over 73 percent in silica. This ore comes from an open pit that was worked by power shovel under a lease to F. G. Mitte. The ore shipments are classified as follows:

- (a) Shipments to the United Verde, Clarkdale Smelter 5676.616 tons that averaged 0.063 oz gold and 7.54 ounces silver per ton, valued at \$8.61 and 168.584 tons that averaged 0.038 oz. gold and 7.19 oz. silver per ton, valued at \$7.44 (1942).
 - (b) Shipments to the Magma Copper Co. smelter at Superior; 3425.985 tons that averaged 0.08502 oz. gold and 8.58 oz. silver to the ton, valued at \$10.37.
 - (c) Shipments to the A.S.&R., Hayden smelter; 2007.319 tons @ 0.057 oz gold and 8.70 oz. gold and 8.70 oz. silver, valued at \$9.50.
- Total: 11066.069 tons, valued at \$9.27 per ton.

In addition highgrade, sorted ore of unknown grade and quantity was mined during the early days of the property, (1914 to 1940). The gold price in 1940-1942 was \$35.00 per ounce and the silver price was \$0.71 per ounce.

A report written by Arthur Flagg and D. W. Jaquays during the year 1947, stated that the workings consisted of:

- (1) An open pit that obliterated some short underground adit driven prior to 1947 (an 84-ft. one).
- (2) A 480 foot adit crosscut from the pit face, in a NE direction (this is a continuation of an old adit).
- (3) 150 feet to the SE of No. 2, a second adit crosscut extended 110 feet in a northeast direction.
- (4) 70 feet SE of No. 3 is an old shaft near the footwall of the ore zone.
- (5) 35 feet farther southeast is a more recent 45 foot shaft in the vein. This lies close to an old 22 foot incline (1915) and connects with a 40 foot shaft.
- (6) Northeast of the pit is an inclined shaft, reportedly over 200 feet deep, and from the bottom of which, a 500 foot drift to the northeast was driven. The collar of this shaft is about 40 feet above the floor of the open pit.

The mineralization follows a contact vein or ore zone that trends about N 60 deg. E? and dips about 40-60 deg. NE.? Precambrian schist forms the footwall and rhyolite porphyry forms the hanging wall of the ore-bearing zone and probably contains most of the ore. The schist is intruded by diabase and rhyolite porphyry dikes. In portions of the claims the older rocks are obscured by Tertiary rhyolite volcanic flows. The rhyolite hanging wall rock carries some gold and silver over a considerable width. The vein gangue consists of severely shattered quartz and also contains calcite. The silver minerals are not readily visible. Rare copper oxide stains are seen although copper values were reported in some shipments. Lead although not generally plentiful is present as Wulfenite, vanadinite, cerussite and anglesite, in this order of importance. No sulphides were reported. The mineralized zone was identified over a strike length of over 1000 feet but only about 500 feet of this had been prospected, except by shallow cuts.

Tests and study by Arthur Flagg and D. W. Jaquays, consulting engineers, indicated that 100 feet of pit depth could be attained by removing 1 ton of waste for 1 ton of ore. It was also indicated that over a width of 300 feet into the hanging wall the ground would assay nearly \$2.00 per ton in gold and silver. The better ore was estimated by various observers to be 85 to 100 feet wide. Flagg and Jaquays recommended a drill program on a 100-foot grid, to a depth of 200 feet or a total of 2500 to 3000 feet of drilling. They tentatively estimated that 3000 tons per vertical foot would give 300,000 tons for each 100 feet of depth. They gave the grade of this ore, as indicated from samples, in the pit and part of the underground workings, as 0.06 oz gold and 4 oz. in silver per ton. With silver at \$1.29 per oz., the total value today would be \$7.26. A sample taken by Arthur Flagg (80-pound test sample) was tested by U. S. Bureau of Mines and assayed 0.075 oz. gold, 4.9 ounces silver per ton, 0.5 percent manganese, 0.05 percent copper, 0.6 percent zinc, 0.15 percent lead, and 77 percent silica. The silica content is adequate for smelter flux.

Metallurgical tests by the U. S. Bureau of Mines and the Arizona Bureau of Mines on the above and another sample sent by Mr. Flagg showed the ore to be refractory. The U. S. Bureau reported gold and silver recoveries of 80 and 46 percent respectively, after dissolving some of the manganese before cyaniding.

We have no information as to whether the recommended drill program was ever undertaken.

We have a 1920 report, maps of workings, assay reports and miscellaneous information in our file on this property, and would be pleased to have you or your engineer examine them.

Trusting that this information will help, I remain

Very truly yours,

LAS:ms

Lewis A. Smith, Field Engineer

SCHEDULE B

**Estimate of Operations
on
Newsboy Gold-Silver Mine**

Recovery			
Gold	0.06 oz. / ton x 95.0%	-- .057 x \$35.00 \$2.00
Silver	4.0 oz. / ton x 80%	-- 3.20 x 0.90 2.88
			<u>\$4.88</u> \$4.88
	Less milling costs for royalty figures		2.16
			<u>\$2.72</u>
	Seven percent royalty on net value after milling		<u>0.20</u>
	Net to operations after royalty		<u>\$4.68</u>

Direct operating costs

Mining	\$0.75	
Milling	<u>2.16</u>	\$2.91

Overhead costs

Five percent interest on investment of \$200,000.00, charged to 90,000 tons per year	\$0.11 ton	
Write-off of investment of \$200,000.00 in 900 shifts, or 270,000 tons	<u>0.74</u> "	0.85

Total costs	<u>\$3.76</u>
Net profit after write-off	<u>\$0.92</u>

Possible net annual profit during write-off period \$82,800.00

Interest paid annually	\$9,900.00
Amount written-off annually	<u>66,600.00</u>
Total interest and write-off annually	<u>76,500.00</u>

Possible annual profit after investment is written off \$159,300.00

*Newsboy Gold
Sched B*

SCHEDULE A

Estimate of Operating Costs
with
300 ton-a-day Cyanide Plant
on
Newsboy Gold-Silver Mine

Mining:

4 Machinemen at \$10.00	\$40.00	
2 Machine helpers at \$8.00	16.00	
1 Shovelman	12.00	
2 Truckdrivers at \$10.00 ,.....	20.00	
1 Blacksmith and Mechanic	12.00	
1 Clerk, office	8.00	
1 Superintendent	15.00	
Management	20.00	
Overtime 44-hour week average per day ..	<u>12.00</u>	
		\$155.00
Insurance and O.A.B., 10% of payroll		15.50
Power for compressor		10.00
Explosives and caps		35.00
Bits and steel		20.00
Drill machines repair		10.00
Truck and shovel expenses		25.00
Miscellaneous expenses		25.00
Assaying		<u>5.00</u>
		\$300.00

6 days a week - costs per ton $\frac{\$300.00}{400 \text{ tons}} = \0.75

SCHEDULE A (continued)

Millings:

1 Mill supt.	\$15.00	
3 Solution men at \$10.00	30.00	
3 Mill helpers " 8.00	24.00	
2 Crushermen " 9.00	18.00	
2 Misc. laborers " 8.00	<u>16.00</u>	
		\$103.00
Overtime on 44-hour week 6 days		10.00
		<u>113.00</u>
Insurance and O.A.B. - 8% of payroll		9.00
Electric power 20¢ per ton		60.00
Cyanide 1 lb. / ton 300 x 15¢		45.00
Lime 2 lbs. / ton 300 x 2¢		6.00
Zinc 1½¢ / ton x 300		4.50
Refinery charges 5¢ per ton x 300		15.00
Steel grinding balls and crusher plates, 5 lbs. per ton at 4¢, 20¢ x 300		60.00
Assaying (Mine and mill samples)		30.00
Misc. repairs, 10¢ per ton x 300		30.00
Roasting, 75¢ per ton x 300		225.00
Water, 50¢ per M gallons x 100		<u>50.00</u>
		\$647.50

Millings costs $\frac{647.50}{300} = \$2.16$ ton

Mining costs $\frac{300.00}{400} = 0.75$ "

Total costs \$2.91 "

December 29, 1942

Mr. M. D. Pitt
Morristown
Arizona

Dear Mr. Pitt:

Many thanks for your letter of December 25.

I note what you say about the Newsboy Mine and from the record of shipments made I know that it is a desirable fluxing ore. The survey which we made is for the purpose of letting the government know where there is fluxing ore and how much.

We will be glad to call your property to the attention of anyone looking for this type of ore.

With best wishes and kindest regards, I am

Very truly yours,

J. S. Coupal
Director

JSC:kk

January 6th, 1948.

S. H. Zimmerley, Chief,
Salt Lake City Branch,
Metallurgical Division,
Salt Lake City, Utah.

Dear Mr. Zimmerley:

Your letter of December 31st, enclosing report on manganese-silver ore from the Newsboy group received.

There is not much encouragement in the results of the recovery of silver after the manganese had been removed. On the basis of your tests the ore would not be profitable, at least it would hardly seem so.

The record of shipments, covering over 11,000 tons of crude ore, show a copper content ranging from 0.25 to 0.40% copper. No ore from the margins of the pit was included in the composite sample submitted to you for the sulfite dioxide and cyanide tests. What is left around the sides of the pit does carry more copper. Also, areas not yet completely sampled have, in some parts, even more visible evidence of copper. Therefore it is conceivable that at greater depth there might be a considerable increase in the copper content in this ore.

Such being the case it might be helpful to try a sulphuric acid-ferric sulphate leach on this material. It is quite possible that other parts of the partly explored orebody, from surface down to the level of the bottom of the pit might approximate 0.50% copper. Below that horizon it might be greater so we feel that a sulphuric acid-ferric sulphate leach is worth while.

I presume there is enough material on hand from the original shipment to make this test.

Very truly yours,

October 30th, 1947.

S. R. Zimmerman, Chief,
Salt Lake City Division,
Metallurgical Branch USBM,
1600 East 1st South St.,
Salt Lake City, Utah.

Dear Mr. Zimmerman:

Your letter of October 28th received.

The analysis you give, at least with respect to the gold and silver content, is not far from the average obtained in our rather extensive sampling which covers a much larger potential area than was included in the small section mined by open pit methods. Our preliminary sampling has been sufficiently close to warrant further investigation. If metallurgical difficulties can be solved a more detailed sampling with a drilling program will be in order.

The property is known as the Newsboy group, located in the Wilhams mining district, Maricopa county, Arizona about 3 miles due west of the little settlement of Horristown.

I think the material you have is a fair representation of the much larger area we are considering and you might go ahead with tests.

By way of suggestion we have thought of trying a gravity concentration ahead of the sulfur dioxide leach.

Very truly yours,

October 25th, 1947.

Stuart H. Zimmerly, Chief,
Metallurgical Branch, USBS,
Salt Lake City, Utah.

Dear Mr. Zimmerly:

On September 27th 1947 I shipped to you a sack weighing 60 pounds, a composite sample made of rejects from sampling operations on a manganese-silver property.

I wrote a letter on the same date.

So far I have heard nothing of it. If the material was never delivered I will begin tracing it from this end. If it has been delivered I would appreciate some sort of a report on it as soon as convenient.

Very truly yours,

W. L. Logg

October 21, 1947

Mr. M. D. Pitt
Morristown, Arizona

Dear Mr. Pitt:

We have your memo left in the office that your Newsboy Mine is open for a deal.

The party that I took there a few weeks ago felt that the property would require heavier financing than he cared to undertake, but we will keep it in mind.

Hoping that you can make a satisfactory deal.

Yours very truly,

Chas. H. Dunning
Director

CHD:mb

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Jerry Mills
 Address: 1444 - So. 27th St., Phone 273-1421
2. Mine: Chas Black Claims 3. No. of Claims - Patented —
 Unpatented 1 section
4. Location: 2 1/2 mi W at Maristown - via Gates Road,
5. Sec. 21 + 22 ^{15, 16} Tp 6N Range 4W 6. Mining District Ualtore ?
7. Owner: Chas Black, Fred Plummer & Jerry Mills (thought to be Charbonnet Claims)
8. Address: 1444 - So 27th St. Phx
9. Operating Co.: G.W. Mining & Minerals Co Phone 273-1421 (J. Mills)
~~Chas Black Fred Plummer + Jerry Mills~~
10. Address: 1444 - So. 27th St, Phx. 85034
11. President: — 12. Gen. Mgr.: —
13. Principal Metals: Ag and Kaolinite 14. No. Employed: 1
15. Mill, Type & Capacity: none
16. Present Operations: (a) Down (b) Assessment work (c) Exploration
 (d) Production (e) Rate — tpd.
17. New Work Planned: Testing and assessment work.
They were dozing silver outcrop(?) pit about 500' x 200'
hematite and siderite - which is supposed to carry Ag.
18. Misc. Notes: Kaolin pit is East and practically adjoining silver workings.
Kaolin pit or open cut - 300' x 100' exposing face of clayey (?)
material 20' thick, bottom of cut is clay. Look more
like chrysolite tuff than kaolin. Has stringer hematite in
the cut, that may disappear or get larger as work progresses.

Date: 11-11-71

F. J. Johnson
 (Signature) (Field Engineer)

G. W. Mining and Minerals Co.
Sec. 15, 16, 21, 22
Maricopa County.

reference: Arizona Dept. of Mineral Resources
G.W. Mining and Minerals Co (Chas. Black Claims) (File)

present owner: Nordore Mining Company Ltd.
153 Ferrault
Val D'Or
Quebec, Canada

minerals: silver and kaolinite

history of the area:

the property was located in 1969 by Dr. Chester Royce. By 1971 the property belonged to Charles Black, Fred Plummer, and Jerry Mills (G.W. Mining and Minerals Co.). Exploration work was carried out at that time. By 1972 the property was idle. By 1975 the property was leased to Nordore Mining Company, Ltd.

geology of the area:

kaolin pit is to the East and nearly adjoins the silver workings. The pit exposes a clayey material which looks like rhyolite tuff instead of kaolin. There is also some stringer hematite.

assay: 1975

Au	.003 - .140	troy oz
Ag	.31 - 3.00	troy oz
Cu	.03 - .05	troy oz

It is however clear and I think beyond question, that the more important ore bodies lie now and will in the future be found to occur along the contact vein (See Figs. 2 and 3), from the S. E. end line of Grande No. 1 claim to the N. W. end of Grande No. 2 claim. At or near these two points the vein has been rendered obscure through faulting and subsequent covering by more recent flows of rhyolitic rocks. Near the N. W. side line evidence of faulting is quite obvious. Here the highly productive lode of the Montezuma mine has been heaved out of its true course some 300 feet to the Northwest. (See Fig. 2.) This latter named lode, upon close inspection, was found to show most potent evidence of formerly being the continuation of the Grande contact fissure dike.

PRESENT MINE DEVELOPMENT AND ASSAY VALUES.

Present development of the property has thus far been confined principally to the contact zone of the Grande No. 1 and No. 2 claims. At a point on the Grande No. 2 claim, designated an "85 ft. tunnel," an ore body replacing limestone has been crosscutted for a distance of 85 feet. This was carefully sampled by me and the first 45 feet from mouth of tunnel gave an average of \$7.20 silver and gold. The second 40 feet from mouth of tunnel gave silver and gold \$9.04 per ton hence the entire 85 feet of this ore body is \$8.12.

RECOMMENDATIONS

In order to develop and operate this property in an efficient and mines-like fashion I would recommend the sinking of a double compartment vertical shaft at a point (indicated in Figs 2, 3 and 4) of the Grande No. 2 claim. This shaft, assuming the angle of contact fissure to continue on the uniform dip angle of 70', should intersect the schist formation at the 730-foot level.

After selecting the mill site; the adit level, as shown in Fig. 4, should be driven from the surface to connect with the shaft. This would afford an easy conduit for the ore to the proposed reduction plant on the river. As the shaft sinking progresses, cross cuts should be made at each 100 ft. points, as shown, and the ore drifted upon in opposite directions and systematically sampled.

GENERAL CONCLUSIONS.

In concluding this report the following recapitulatory statements are considered inevitable:

1st. The property comprises a well defined contact vein some 2000 feet in length, and at one point this zone of contact has been crosscutted showing a width of fully 85 feet of oxidized ore that averages \$8.12 per ton in silver and gold.

2nd. That this ore body will extend in depth and become further enriched upon meeting the sulphide zone, is my opinion.

3rd. I believe present indications fully warrant that the plan of development and operation as outlined in this report should be carried out as soon as possible.

4th. It is my final conclusion that the property, with the initial expenditure of from \$75,000.00 to \$100,000.00 in development and equipage, could, if placed under competent management and skilled superintendency, be made to pay handsome dividends on all capital invested.

Respectfully submitted,

(Signed) G. W. MILLER,
Mining Engineer and Geologist.

Los Angeles, Calif., January 2, 1920.

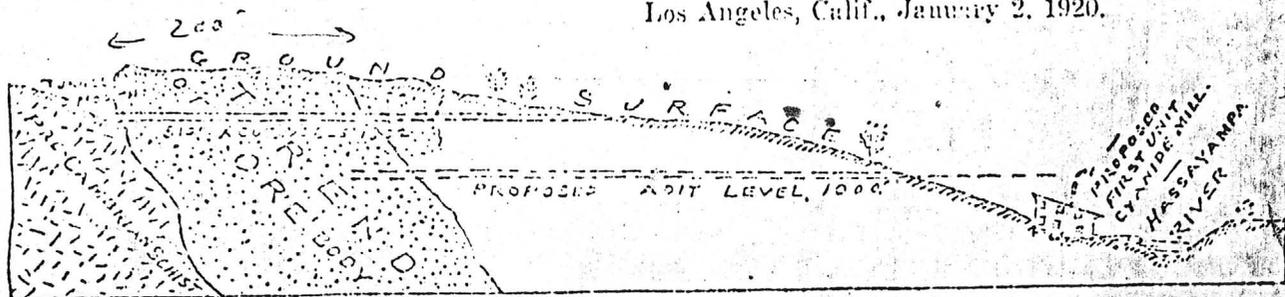
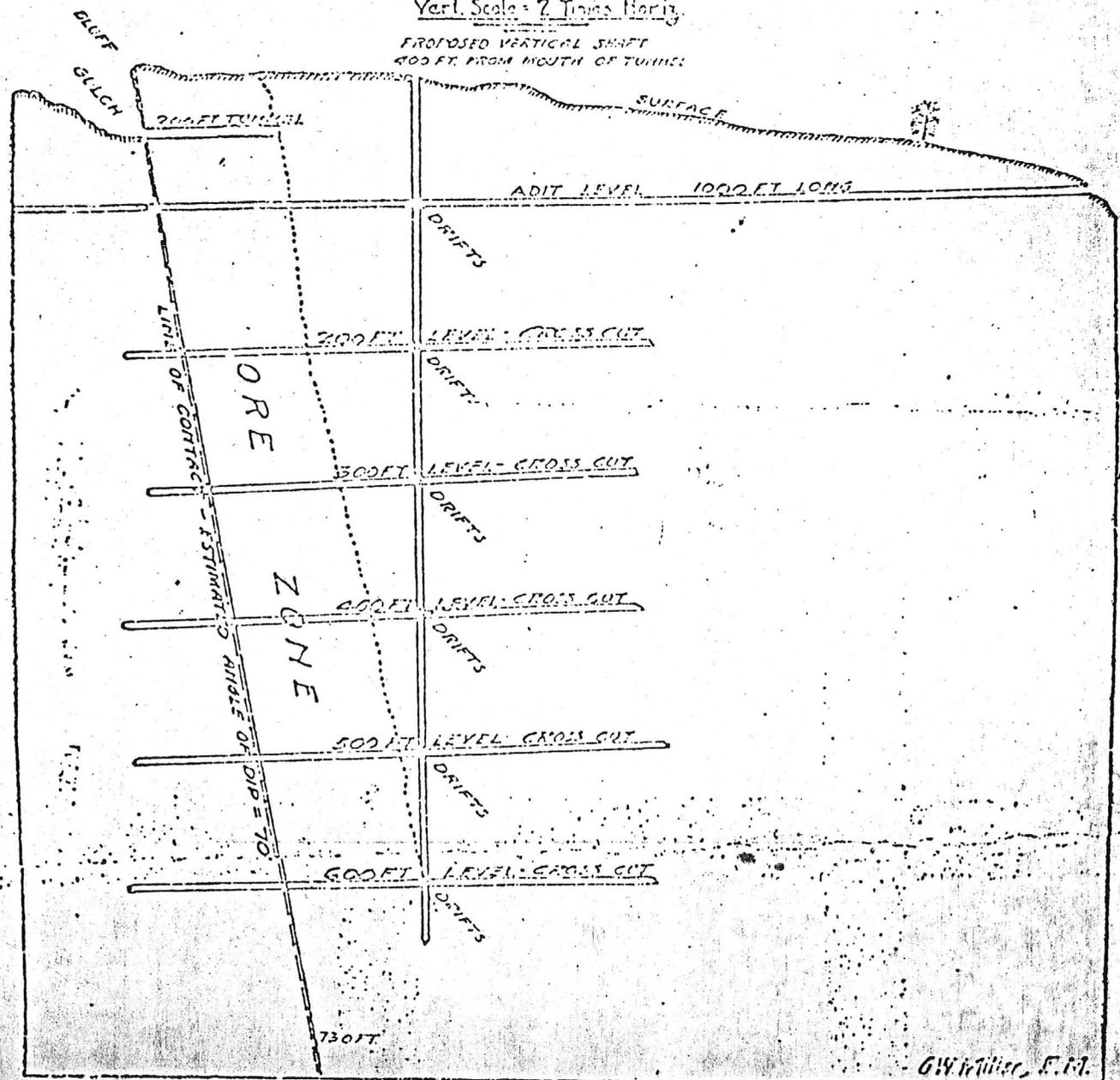


FIG. 5. - SKETCH SHOWING PLAN OF OPERATION PROPOSED BY THE MANAGEMENT - DESIGNED TO PLACE THE MINE UPON A PAYING BASIS. (Made Nov. 25-1922)

NOT DONE

Fig 4.
IDEAL VERTICAL SECTION ON LINE A-B
OF FIG. 2 SHOWING PROPOSED
PLAN OF DEVELOPMENT

Vert. Scale = 7 Times Horiz.
PROPOSED VERTICAL SHAFT
400 FT. FROM MOUTH OF TUNNEL



G.W. Miller, F.M.

ARIZONA ASSAY COMPANY

Phone 4497

315 North First Street

P. O.

Certified That the samples submitted for assay by **M. W. L. BARRON**

value of fine

SAMPLE MARKED	SILVER OUNCES PER OZ.	VALUE AT \$20 PER OZ.	GOLD OUNCES PER OZ.	VALUE AT \$20 PER OZ.	
#1. News Boy	.7	\$3.42	.03	\$1.60	
2	11.2	\$6.72	.08	\$1.00	
3	5.2	\$5.42	.15	\$3.00	
4	5.3	\$3.48	.11	\$2.20	
5	8.7	\$5.22	.25	\$5.00	
6	3.7	\$2.22	.15	\$3.00	
7	4.1	\$2.46	.06	\$1.20	
8	4.1	\$2.46	.05	\$1.00	
9	6.2	\$3.72	.07	\$1.40	
10	7.7	\$1.62	.07	\$1.40	Trace

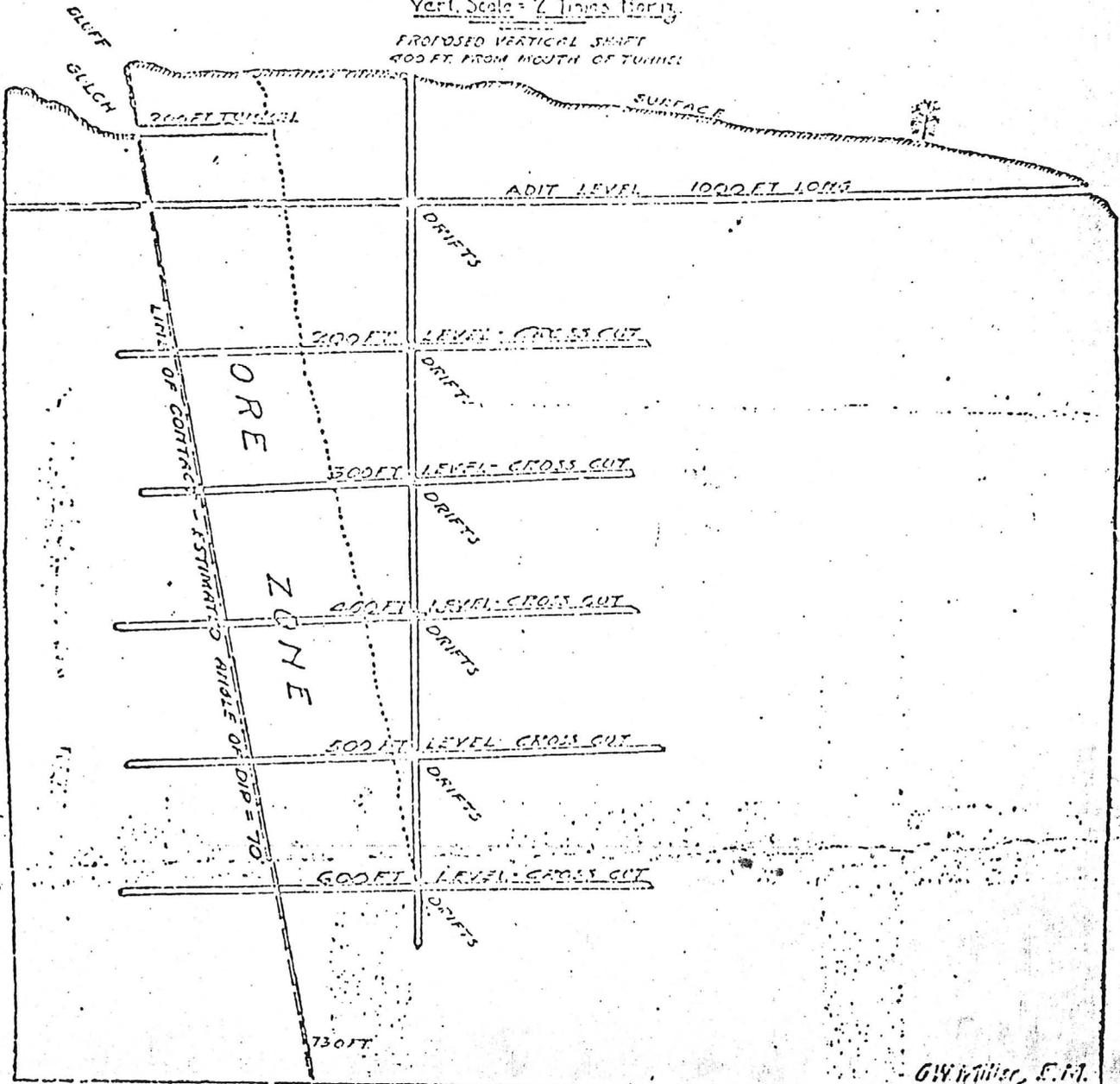
A 5.69

A = 0.104

Paid

NOT DONE

Fig 4.
IDEAL VERTICAL SECTION ON LINE A-B
OF FIG. 2. SHOWING PROPOSED
PLAN OF DEVELOPMENT
Vert. Scale = 7 Times Horiz.



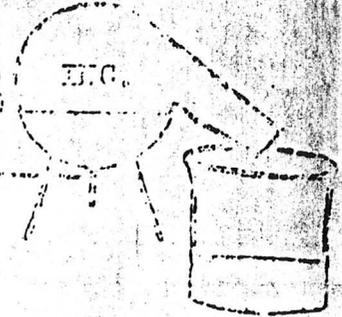
GENOME



ORE-TECH LABORATORIES INC.

P. O. BOX 174 • SCOTTSDALE, ARIZONA 85252 • 602-945-2119

NOBLE METAL RESEARCH & DEVELOPMENT
CUSTOM GRINDING - FINISHING



May 4, 1972

G. W. Mining Co.
7 J. Mills Tool & Mfg. Co. Inc.
1444 So. 27th Street,
Phoenix, Arizona

Dear Sirs,

Enclosed is the spectro-analysis of your sample #2.

I was quite surprised to find that your sample contained a very good showing of the 'rare earth' metals.

In all of my experience of extracting the platinum metals from ores containing the 'rare earth' metals, these in no way effected the extraction of the platinum metals. In every case the 'rare earth' metals were conveniently left in the residue. Assuming that this residue containing these 'rare earth' metals can be sold, and I see no reason why it would not be attractive to those who do such extractions, it sure would be a convenient way to dispose of your 'waste'. Also, it sure would add to the economics of the operation.

If this information has been of interest to you, I suggest that you come and discuss this with me. I am sure that I could put you in touch with companies that deal in such.

Sincerely,

V. L. Soeman, Pres.

GILA ANALYTIC AND RESEARCH LABORATORY, INC.

COMPLETE ANALYSIS OF:

ORE

SOIL

WATER

LEAF TISSUE

LEACHING SOLUTIONS

HYDROPONIC SOLUTIONS

AIR

FERTILIZERS

INSECTICIDES

HERBICIDES

BLOOD

URINE

REPORT TO: Jerome P. Mills

G. W. Mining and Minerals

1444 South 27th Street

Phoenix, Arizona 85034

LABORATORY NUMBER _____

DATE RECEIVED November 10, 1972

DATE COMPLETED _____

ANALYSIS REQUESTED: Gold and Silver --- Platinum and Palladium

Rock Sample mailed November 7, 1972

Analyzed Per: George Coleman - November 4, 1972, November 16, 1972

CERTIFICATE OF ANALYSIS: Methods: Wet Digestion and Fusion
Atomic Absorption Determinations - *see*

Silver	0.46 oz	Fire Assay
Gold	1.675 oz	1/2 Assay Ton
		Bead Attached
Platinum	1.02 oz	
Palladium	2.69 oz	
Bead Weight	6.04 mg	

Jay Wilson
ANALYST

BILL TO: Jerome P. Mills

G. W. Mining and Minerals

1444 South 27th Street

Phoenix, Arizona 85034

Copy To: George Coleman

CHARGES: Payable upon receipt of enclosed invoice.....

BILLARD
VER CITY
ANALYTIC #0061

G.W.M.

TC
53

GILA ANALYTIC AND RESEARCH LABORATORY, INC.

COMPLETE
ANALYSIS
OF:

REPORT TO: Jerome P. Mills

G. W. Mining and Minerals

LABORATORY NUMBER Research - 1

1444 South 27th Street

DATE RECEIVED November 28, 1972

Phoenix, Arizona 85034

DATE COMPLETED December 6, 1972

ORE

SOIL

WATER

LEAF
TISSUE

LEACHING
SOLUTIONS

HYDROPONIC
SOLUTIONS

AIR

FERTILIZERS

INSECTICIDES

HERBICIDES

BLOOD

URINE

Four Pails, 275 Pounds of Ground Ore
Eusbill 68042364 5, November 27, 1972

ANALYSIS REQUESTED:

Gold and Silver
Platinum Family

CERTIFICATE OF ANALYSIS: Methods: Wet Digestion - Fusion with Chemicals
Fire Assay and Atomic Absorption Determinations
Parting of Button

Sample	Gold	Silver	Platinum	Palladium	Bead Weight
Pail 1	1.24 oz	0.12 oz	0.34 oz	0.62 oz	9.015 mg
Pail 2	1.25 oz	0.13 oz	0.34 oz	0.61 oz	9.08 mg
Pail 3	1.19 oz	0.11 oz	0.32 oz	0.58 oz	9.02 mg
Pail 4	1.28 oz	0.16 oz	0.35 oz	0.64 oz	9.10 mg
<u>Average</u>	<u>1.2425 oz</u>	<u>0.13 oz</u>	<u>0.3375 oz</u>	<u>0.6125 oz</u>	

Jay Wilson
ANALYST

BILL TO: Jerome P. Mills

G. W. Mining and Minerals

1444 South 27th Street

Phoenix, Arizona 85034

Fire Assay
2 Assay Ton
Beads Attached

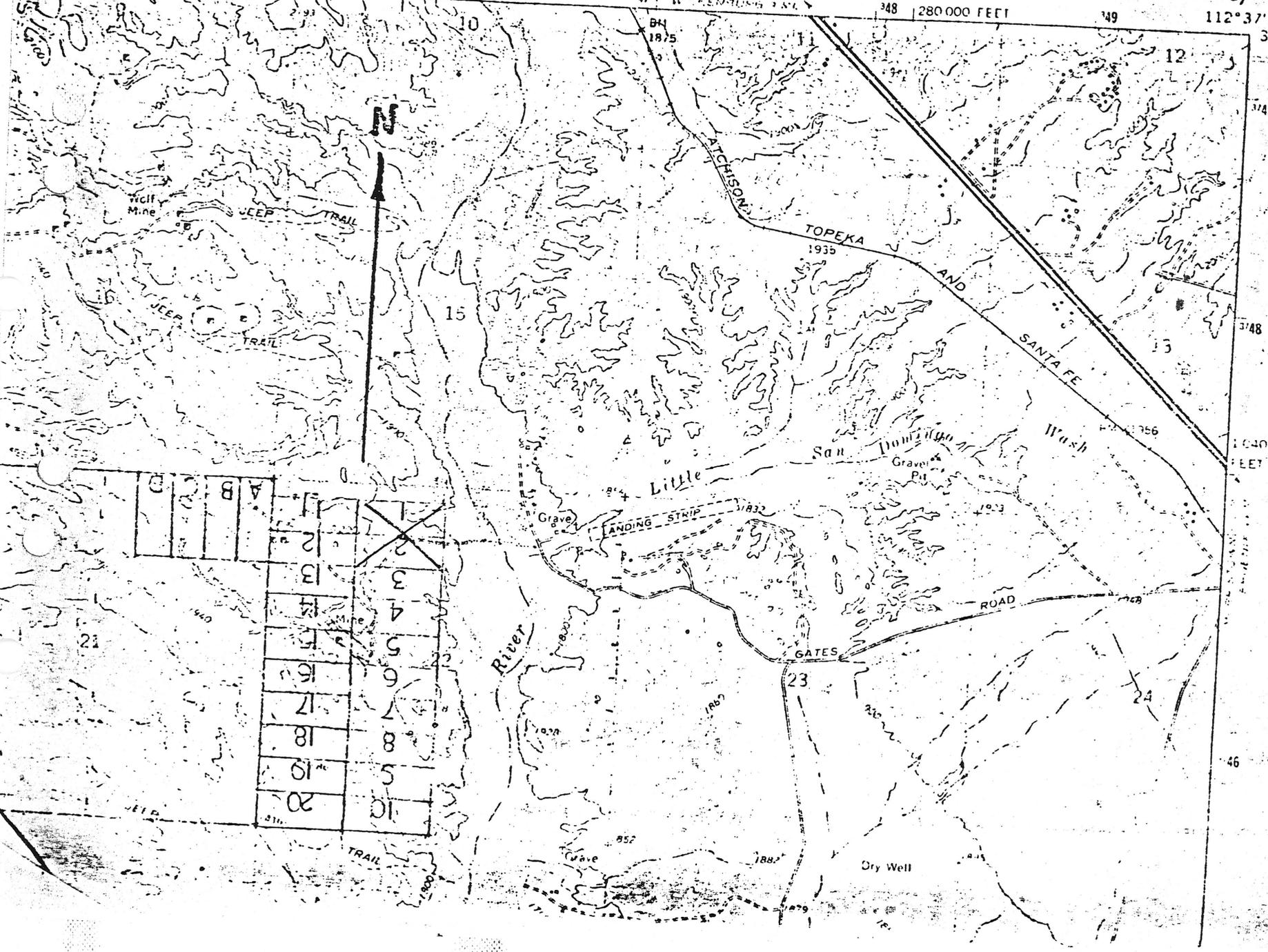
CHARGES: Payable Upon Receipt of Enclosed Invoice

G. & W. Mineral

WICKENBURG SW QUADRANGLE
ARIZONA - MARICOPA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3451 INE
(RED PICACHO)

RG1 345 40' 346 347 348 280 000 FEET 349 112° 37' 30" 33° 52' 30"



	A	B	C
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			





Engineers Testing Laboratories, Inc.

1416 Arizona Avenue
29 Miles Lake

767-5260
774-4881

Yuma, Arizona 85364
Flagstaff, Arizona 86001

423 South Olsen
2525 E. Indian School Road

622-2662
264-4781

Tucson, Arizona
Phoenix, Arizona

REPORT ON LABORATORY TESTS

Lab. No. 40 0361

Client: G. W. MINING
1444 SOUTH 27TH STREET
PHOENIX, ARIZONA 85034

Date 11-18-71

Date Rec'd 11-8-71

Project	<u>NO DATA</u>	Location	<u>NO DATA</u>
Source of Sample	<u>NO DATA</u>		
Material	<u>ORES</u>	Sampled By	<u>NO DATA</u>
Submitted By	<u>JERRY MILLS</u>	Requested By	<u>JERRY MILLS</u>
Tested	<u>ASSAYS AS BELOW</u>		

TEST RESULTS

SAMPLE NO.					
PLATINUM, TROY OUNCES/TON	1.42	3.78	5.41	6.73	0.82
GOLD, TROY OUNCES/TON	0.38	0.95	1.06	1.14	0.23
SILVER, TROY OUNCES/TON	0.10	0.13	0.19	0.22	0.13
SILICON DIOXIDE (SiO ₂), %	---	---	---	---	59.86
ALUMINUM OXIDE (Al ₂ O ₃), %	---	---	---	---	2.20
COPPER, %	4.25	4.03	3.75	---	---

Copies To: ADDRESSEL (3)
3/CH

Respectfully submitted,

ENGINEERS TESTING LABORATORIES, INC.

[Handwritten Signature]



Engineers Testing Laboratories, Inc.

1515 Luntz Avenue
70 West End

713-5289
774-4381

Yuma, Arizona 85001
Flagstaff, Arizona 86001

473 South Olsen
2525 E. Indian School Road

622-3663
254-4781

Tucson
Phoenix

REPORT ON LABORATORY TESTS

Lab. No. 40-0478

Client: G.W. MERRIG
1444 SOUTH 27TH STREET
PHOENIX, ARIZONA

Date 2-4-

Date Rec'd 2-

Project NO DATA Location NO DATA

Source of Sample NO DATA

Material ORES Sampled By EVERETT/U.S. BUREAU

Submitted By EVERETT Requested By _____

Tested ASSAYS

TEST RESULTS

SAMPLE IDENTIFICATION	1 & 2	3
PLATINUM TROY OUNCES/TON	TUIT	BASIC ROCK
GOLD TROY OUNCES/TON	NIL	11.24
PALLADIUM TROY OUNCES/TON	NIL	0.96
SILVER TROY OUNCES/TON	NIL	1.46
	0.02	0.22

Copies To: ADDRESSEE (3)
FLOYD D. EVERETT (1)
4/EJ

Respectfully submitted,
ENGINEERS TESTING LABORATORIES, INC.
Floyd D. Everett



Engineers Testing Laboratories, Inc.

2910 Arizona Avenue
90 Miles Pike

763-5200
774-4001

Yuma, Arizona 85364
Flagstaff, Arizona 86001

423 South Olsen
2525 E. Indian School Road

622-3663
264-4751

Tucson, Arizona 85719
Phoenix, Arizona 85016

REPORT ON LABORATORY TESTS

Lab. No. 40-0509

Client: G.W. MINING COMPANY
c/o DON WORKMAN
4127 EAST GARFIELD STREET
PHOENIX, ARIZONA 85008

Date 2-18-72

Date Rec'd 2-17-72

Project NO DATA Location NO DATA
Source of Sample NO DATA
Material ORES Sampled By NO DATA
Submitted By WORKMAN Requested By WORKMAN
Tested ASSAYS

TEST RESULTS

SAMPLE	<u>1</u>	<u>2</u>
PLATINUM TROY OUNCES/TON	4.83	4.96
GOLD TROY OUNCES/TON	0.94	1.86

RECEIVED
FEB 21 1972
ENGINEERS TESTING LABORATORIES, INC.
PHOENIX, ARIZONA

Copies To: ADDRESSEE (3)
3/FJ

Respectfully submitted,
ENGINEERS TESTING LABORATORIES, INC.

Charles H. ...



Engineers Testing Laboratories, Inc.

110 Arizona Avenue
4 Miles Pike

783-5280
774-4891

Yuma, Arizona 85364
Flagstaff, Arizona 86001

423 South Olsen
2525 E. Indian School Road

622-3663
264-4781

Tucson, Arizona 857
Phoenix, Arizona 8501

REPORT ON LABORATORY TESTS

Lab. No. 40-516

Client: G.W. MINING
1444 SOUTH 27TH STREET
PHOENIX, ARIZONA

Date 3-2-72

Date Rec'd 2-28-72

Project NO DATA Location NO DATA

Source of Sample NO DATA

Material ORES Sampled By NO DATA

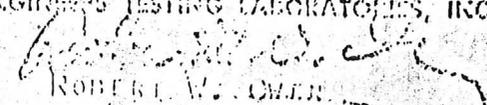
Submitted By DON WORKMAN Requested By DON WORKMAN

Tested ASSAYS

TEST RESULTS

SAMPLE	1	2	3
PLATINUM TROY OUNCES/TON	0.09	1.87	5.85
GOLD TROY OUNCES/TON	--	--	1.11

Copies To: ADDRESSED (3)
3/FJ

Respectfully submitted,
ENGINEERS TESTING LABORATORIES, INC.

 ROBERT W. OMER



Engineers-Testing Laboratories, Inc.

1910 American Avenue
20 Miles Park

783-5210
774-4331

Yuma, Arizona 85364
Kingstall, Arizona 85301

625 South Olsen
2525 E. Indian School Road

627-3443
264-4781

Tucson,
Phoenix,

REPORT ON LABORATORY TESTS

Lab. No. 40-519

Client: G.W. MINING COMPANY
1444 SOUTH 27TH STREET
PHOENIX, ARIZONA

Date 3-22-51
Date Rec'd 3-

Project: NO DATA Location: NO DATA

Source of Sample: NO DATA

Material: ORE Sampled By: NO DATA

Submitted By: DON WORKMAN Requested By: DON WORKMAN

Tested: CHEMICAL ANALYSIS

TEST RESULTS

PLATINUM
TROY OUNCES/TON 5.26

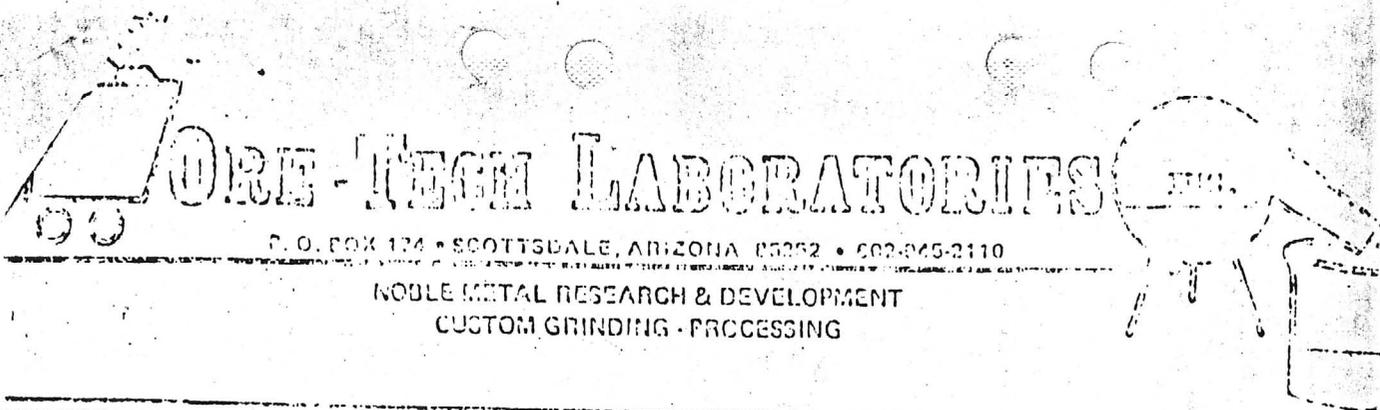
GOLD
TROY OUNCES/TON 1.28

SILVER
TROY OUNCES/TON 0.13



Copies To: ADDRESSEE (3)
3/FJ

Respectfully submitted,
ENGINEERS-TESTING LABORATORIES, INC.
Robert M. Allen
ROBERT M. ALLEN



P. O. BOX 174 • SCOTTSDALE, ARIZONA 85262 • 602-945-2110

NOBLE METAL RESEARCH & DEVELOPMENT
CUSTOM GRINDING • PROCESSING

SPECTROGRAPHIC REPORTS • SPECTROSCOPIC ANALYSIS • METALLURGICAL RESEARCH

Sample submitted by Don Workman, G. W. Mining Co. Date 5-3-72
% J Mills Tool & Mfg. Co., Inc., 1444 S. 27th St. Phoenix, Arizona

Sample description Brown crystalline, sample #2

Rhodium	0.08 to 0.11 oz.
Palladium	Trace
Iridium	Trace
Gold	0.1 to 0.4 oz.
Silver	1.0 to 4.0 oz.

*Source Prob-
cut me
'accu
#6 11
accu*

Other metals of interest were detected in the sample. They are the follow-

- | | |
|------------|-----------|
| Dysprosium | Indium |
| Europium | Samarium |
| Erbium | Terbium |
| Gadolinium | Thorium |
| Holmium | Tellurium |
| Lanthanum | Ytterbium |

All quantities shown in 'ounces per ton'.

Spectrographic reports must be given in a range rather than an exact figure. However, the spectrograph is greatly advantageous in that it detects elements that could be overlooked in other methods, especially those of trace, or near trace, amounts. The above figures are not indicative of values obtainable by conventional extraction methods. Most samples containing the platinum group metals are of a 'complex' nature. In the make-up of these 'complexes' are many 'unstable' that tend to outweigh the 'stable' portion of these elements and act to suppress, or even prevent, the extraction of the 'stable'.

Ore-Tech Laboratories is equipped to perform the research needed to establish the proper extraction techniques for each ore that warrants such research.

OTL tests for the purpose of production participation only.

[Signature]
W. L. Seaman, president

METALLURGICAL ANALYSIS REPORT

Clarkson Laboratory & Supply, Inc.

SPECTROGRAPHIC ANALYSIS

CHEMISTS and ASSAYERS

1144 30th (30th and B) St., San Diego, California 92102, Phone 233-3086

REQUESTED BY:

Mr. John D. Hatfield
Attorney at Law
12425 Rancho Bernardo Road
San Diego, CA 92128

June 20, 1975

LAB. NO.	OWNERS MARK	METAL	OUNCES PER TON	PER CENT	VALUE PER TON
E-7533		GOLD	0.06		\$ 10.75
		SILVER	2.74		\$ 12.03

BY



PETER B. STEAD

GNOME SILVER-GOLD HOLDINGS

ASSAY RESULTS FROM SAMPLES TAKEN BY RAY CARSON, VAL D'OR
QUEBEC IN JANUARY.

NUMBERS 3-6 INCL. WERE REMOVED FROM MAIN OPEN PIT AREA
THE REMAINDER TAKEN ELSEWHERE ON THE PROPERTY.

	Au	Ag
1.	0.003	0.51
2.	0.008	0.79
3.	0.031	0.94
4.	0.070	1.78
5.	0.140	3.00
6.	0.024	2.59
7.	0.021	0.31

Ave 0.066 Au

2.07 Ag

*7 } \$
= 18.18
Au @ \$150
Ag @ \$4.00*

THE 3-6 SAMPLES AVERAGE 0.066 AU, 2.07 AG., OR \$18.18/TON.
EACH ARE 100 FT. WIDE SAMPLES, WHILE SAMPLES 1,2, & 7 ARE
GRAB SAMPLES OR 20 FT. CHANNEL SAMPLES.

I REGARD THE ABOVE AS ECONOMICALLY SIGNIFICANT.

[Handwritten Signature]
G.L. KIRWAN

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

July 7, 1958

To the Owner or Operator of the Arizona Mining Property named below:

Newsboy Group (Maricopa County)
(Property)

Silver
(ore)

property which we would like to have



r's Report form with as complete detail
ts, maps, assay returns, shipment returns
us before and which might interest a
property.

Mr. M. D. Pitt

Morristown

Arizona

7/58

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

