CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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Volume 8 ; Book 13

TOMBSTONE

Mining District

Cochise County

ARIZONA

1981 Discovery Process - Volume #4
October 1979 to December 1979

4-34

TOMBSTONE EXPLORATION, INC.
1700 BROADWAY
NEW YORK, NEW YORK 10019

December 21, 1979

Mr. James A. Briscoe, President
Southwestern Exploration Associates, Inc.
4500 E. Speedway, Suite 14
Tucson, Arizona 85712

Dear Mr. Briscoe:

I am enclosing for your information a copy of the letter that I sent to Mr. Bill Hight, December 12,1979.

The letter reports on the progress of the Tombstone Exploration, Inc. mine through that date.

I am presently preparing a subsequent report to this one which I expect to mail shortly.

Yours very truly,

Mr. Thomas H. Schloss
Chairman of the Board

THS/mg

encl.

Dear Jim,

Sorry about the formality of this letter.

Hope all in your family are well.

Have a Merry Xmas.

Tom

TOMBSTONE EXPLORATION, INC.
1700 BROADWAY
NEW YORK, NEW YORK 10019

APPROVED
DEC 26 1979
By

December 12, 1979

Mr. Bill Hight
Tombstone Developement Corporation
P.O. Box 1445
Grand Island, Nebraska 68801

Dear Bill:

Thank you very much for your November 27th. letter.

The $175.00 per month rent on the building will be brought current and will be included in each monthly royalty payment.

It is difficult to bring you up to date because so much has happened since I unexpectedly assumed control of this project.

My organization has grown to handle the additional responsibilities of managing the Tombstone Project. On staff is an Administrative Assistant, Marion Gaita, who is a qualified geologist and who has had extensive experience in organizing and expediting businesses. Although Marion and I have been handling the accounting, soon it will be handled by a computerized accounting firm. They will issue checks and hopefully eliminate problems we have had in the past. Because we seem to be getting better mail service in the west than in the east, checks will be mailed from Tombstone.

The management of the mine is the responsibility of Dusty Escapule. Al Waterson is in charge of running the heap, Gary Lindroos is in charge of all the laboratory testing and quality control, and Martin Perotti is in charge of running the 100 and 300 ton per day plants. Dr. John Dean, an internationally known metallurgist, works very closely with me and supervises Gary Lindroos's testing procedures.

We have been operating with a 100 ton per day plant which has produced a marginal amount of precips, but we have yet to receive any money for the selling of these precips. The 100 ton per day plant is currently being used to process ore that we have previously mined from the open pit area, specifically, the Contention.

Today is the first day we have had our 300 ton per day plant, which should put us in a positive cash flow position. It will primarily be used in processing the heap.

1026

We have designed four pads to handle the ore from the heap. We soon expect to begin pushing ore from the north side of the heap onto these pads. We are currently involved in an extensive testing program to determine whether that ore can be pushed on the heap, as is; or if a pretreatment should be used in order to get the maximum rate of return from that ore. No decision has been made in regards to these matters.

We have spent more capital than I would have liked in trying to develop an accurate and meaningful testing program. The problem that I am afraid many people who are "knowledgeable in this field" fail to realize is that you must take a large enough sample, that is, one to five tons in order to made a meaningful extrapulation on the values from the heap. Former managers have extrapulated values on a sample of 50 pounds of ore. John Dean believes that unless 1 to 5 tons is taken the results are not valid. In order to take this large a sample we have devised a system of loading our new front end loader with a sample that is approximately one ton of ore, crushing that one ton of ore and subdividing that in order to arrive at a meaning sample size. We have also constructed a small test heap pad for holding a approximately 15 to 20 tons of ore. Since we are not trying to promote anyone, least of all ourselves, we are spending considerable amounts of money in trying to get meaningful numbers on what is in the heap. We are learning so much each day in this area, and the testing is at such an early stage that it is premature for conclusions. If you are interested I will discuss them with you.

We have instituted an effective security system in handling precips. The precips are only handled by Dusty Escapule, Al Waterson or Gary Lindroos. They are sealed with a numbered seal and it takes two men to open those seals. Each of these men will be subject to a polygraph test. The precips are gathered in Tombstone and dried and sent in one large container, by air, to a smelter in the New York area where they are melted down.

The smelter holds the precips in the sealed container until a representative of this office is present to observe the process of smelting. Under our guidance the precips are melted down into a doré which is 95% pure precious metal. As you may be aware Handy and Harmen are on strike and refining of precious metals is practically impossible because of the large demand being placed on the existing facilities of refiners. I currently have a company that can refine our ore into bars that are .9995 fine. Before the metals are refined they are drilled and sent to independent houses to be assayed as a means of controlling both the smelting process and the refining process to

make sure that there are no leaks at this time.

I am sure that you are aware of the current metal prices, but you may not be aware that silver, unless it comes from certain mines, and Tombstone is not included, can only be sold at a substantial discount from the market. If you should know of any buyers for pure silver, please let us know as we are trying to find our own buyers.

I conclusion, since I have taken over this project three months ago I feel we have made tremendous progress in achieving a tight, responsible, secure organization, committed to the task of processing the ore from the heap in the most economical and conservative manner possible. As it related to the open pit potential we feel that this is a secondary objective and we must not spread ourselves too thin. We have ore we can take from that area which will increase our cash flow.

I am presently working on a subsequent report to this one, so that you will be kept up to date.

If you need any further information, please feel free to give me a call at any time.

Yours very truly,

Mr. Thomas H. Schloss
Chairman of the Board

THS/mhg

cc: Mr. Alan Talesnick

Mr. James A. Briscoe ✓

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• Worldwide Mobilization

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

P-96
4-33

Southwestern Exploration Associates, Inc.

December 14, 1979

Mr. Bill Hight
Tombstone Development Company
P.O. Box 1445
Grand Island, Nebraska 68801

Dear Mr. Hight,

My sincere apologies for not getting the requested materials to you sooner, but my work and thoughts on Tombstone have digressed to other project areas with little time left for catching up on past work.

Information from Tombstone has been very fragmental. Last I heard, before Thanksgiving, things were progressing well. They were about to take delivery of a 300 ton per day precipitation plant and were getting ready to install a crusher to do some test crushing and leaching. Most of this information is second hand, from the Escapules. To my knowledge only two conversations with Tom Schloss have been carried out since our last telephone conversation, and these were both very uninformative and short. Secrecy seems to be the order of the day.

In regards to the materials requested, I'm including all materials pertinent to 1979 assessment recordings with Cochise County. To date we have not received a reply back from the Bureau of Land Management (B.L.M.), which is normally customary, for acknowledgement of receipt of yearly assessment records and recordings of Claims. Often, though, the owner of record will receive this acknowledgement and agents, such as ourselves, never receive necessary paper work. To this end, my assistants have been in contact with the Bureau of Land Management in Phoenix, and have assured me all necessary materials are filed and in order. You will please note that we have annotated B.L.M. serial numbers to our Attachment 1 or Master Claim List. In the future, you may wish to use this as an attachment to the proof of labor, as it is required by the B.L.M. Should it be necessary to contact the B.L.M. in regards to the T.D.C. claim group, you will need to reference the serial numbers also. (B.L.M. - Phoenix, Arizona, telephone number (602) 261-3706, Land Records Division Open 10:00 A.M. to 4:00 P.M. weekdays).

1023

Other materials included are:

1. Xerox copies of location notices for T.D.C. One through 18 claim papers with annotated information about owners of records and location by quarter section as required by the B.L.M. and not found on the original claim paper.

2. Original copy of recorded assessment document for year 1979, recorded in Cochise County and transmitted to B.L.M.

3. Master Claim List

4. County recorded copy of map and claim list as required by Revised Arizona Statutes, October 1978.

All requirements have thus been met, both federal and state, for the 1979 Assessment Year and Organic Act Regulation deadlines. The claims are valid for another year.

Our best regards are transmitted during the Holiday Season, with a wish for a fruitful and prosperous New Year for yourself and your family.

Sincerely,

Thomas E. Waldrip Jr

Thomas E. Waldrip, Jr.
Land Division Manager

TEW/db
P-418
Ø3-Ø2Ø/19

P07 6189061

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Mr. Bill Night / TB Development Co.
STREET AND NO.
P.O. Box 1445
P.O., STATE AND ZIP CODE
Grand Island, NB 68801

POSTAGE		$ 1.19
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.80 ¢
OPTIONAL SERVICES	SPECIAL DELIVERY	¢
OPTIONAL SERVICES	RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	45 ¢
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		$ 2.41

POSTMARK OR DATE

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

RECEIVED DEC 27 1979

● SENDER: Complete items 1 and 2. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
   - ☒ Show to whom and date delivered..... 45 ¢
   - ☐ Show to whom, date and address of delivery.... ¢
   - ☐ RESTRICTED DELIVERY
     Show to whom and date delivered..... ¢
   - ☐ RESTRICTED DELIVERY.
     Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Mr. Bill Night / Tombstone Development Co.
Box 1445
Grand Island, NB 68801

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6189061	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
J M Nicholson

4. DATE OF DELIVERY: DEC 24 1979
POSTMARK: GRAND ISLAND NEBR DEC 24 1979

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:
CLERK'S INITIALS

☆GPO : 1979-288-848

1021

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• interpretation-image processing
Worldwide Mobilization

James A. Briscoe, Principal
Registered Professional
Geologist

Southwestern Exploration Associates

~~6783 Camino Principal~~
~~Tucson, Arizona 85715~~
~~(602) 885-2319~~

New Address:
4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

4-30

December 10, 1979

13
30

Tom Schloss
FAMCO
1700 Broadway
New York, New York 10019

Dr Mr. Schloss:

Enclosed are two copies of the October 27, 1979, through November 30, 1979 billing.

If you have any questions please contact Jim or myself.

Sincerely,

Jane

Jane Talley
Bookkeeper

JT/rn
P-418

Enclosures

1020

P07 6205173

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
J. Schloss, Famco
STREET AND NO.
1700 Broadway
P.O., STATE AND ZIP CODE
N.Y., N.Y. 10019

POSTAGE		$ .43
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.80 ¢
OPTIONAL SERVICES	SPECIAL DELIVERY	¢
	RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE — SHOW TO WHOM AND DATE DELIVERED	.45 ¢
	RETURN RECEIPT SERVICE — SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	RETURN RECEIPT SERVICE — SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE — SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		$ 1.68
POSTMARK OR DATE		

PS Form 3800, Apr. 1976

1979

SENDER: RECEIVED DEC 20 1979
Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.) .45¢
☒ Show to whom and date delivered
☐ Show to whom, date and address of delivery.... ¢
☐ RESTRICTED DELIVERY
Show to whom and date delivered.... ¢
☐ RESTRICTED DELIVERY.
Show to whom, date, and address of delivery.$
(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
I. Schloss
Famco
1700 Broadway
New York, N.Y. 10019

3. ARTICLE DESCRIPTION:
REGISTERED NO. | CERTIFIED NO. 6205173 | INSURED NO.

(Always obtain signature of addressee or agent)
I have received the article described above.
SIGNATURE ☐ Addressee ☐ Authorized agent

4. DATE OF DELIVERY DEC 18 1979 POSTMARK

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO : 1979-288-848

PS Form 3811, Jan. 1979 RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

1019

RECEIVED DEC 1 4 1979

SENDER: Complete Items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
- ☒ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery.... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Zee Medical Service Co - Tucson
1532 E. Indianola
Phoenix, AZ. 85014

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6205236	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
Sonia Ross

4. DATE OF DELIVERY: 12-12-79
POSTMARK: DEC 12 1979

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO 1979-288-848

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RECEIVED DEC 1 3 1979

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1. The following service is requested (check one.)
- ☒ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery.... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Merchandise Research Co., Inc.
4500 E. Speedway #7
Tucson AZ 85712

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6189026	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
K. A. Ellis

4. DATE OF DELIVERY: 12-12-79
POSTMARK: TUCSON AZ FT LOWELL STA DEC 12 1979

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO 1979-288-848

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RECEIVED DEC 1 3 1979

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1. The following service is requested (check one.)
- ☒ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery.... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Foxworth-Killen Supply Co Tombstone
720 E Fremont St
Tombstone, AZ 85638

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6189027	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
Joe Burkman Foxworth Killen Supply

4. DATE OF DELIVERY: 12-12-79
POSTMARK: DEC 1979

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO 1979-288-848

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1. The following service is requested (check one.)
- ☒ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery.... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Irrigation + Sprinkler Supply - Tucson
2150 East 12th Street
Tucson, AZ 85719

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6189028	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
R. Seitz

4. DATE OF DELIVERY: 12-12-79
POSTMARK: TUCSON AZ DEC 12 1979

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO 1979-288-848

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RECEIVED DEC 1 4 1979

SENDER: Complete Items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
- ☒ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery.... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Tucson Realty and Trust
20 South Stone
P.O. Box 990
Tucson AZ 85702

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6189030	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
Kathleen C. Mangan

4. DATE OF DELIVERY: DEC 12 1979
POSTMARK: TUCSON AZ DEC 12 1979 USPO

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

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1. The following service is requested (check one.)
- ☒ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery.... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Al Baird - Tucson
6840 East Broadway
Tucson AZ 85710

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6189029	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent
JF

4. DATE OF DELIVERY
POSTMARK: TUCSON AZ DEC 13 1979 USPO

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO 1979-288-848

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Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

P-130

Southwestern Exploration Associates, Inc.

December 6, 1979

Mine Safety & Health Administration
522 North Central Avenue
Phoenix, AZ 85004

Re: Termination and transfer of S.E.A. Hydromet's management responsibilities at Tombstone, Arizona heap-leaching operations to Tombstone Exploration, Inc.

Attn: Accounts Receivable

This letter is being written to inform you and your company that Southwestern Exploration Associates, Inc., subsidiaries and other related corporations, have not had, nor will in the future accept, any obligations, or responsibility for debts incurred by the present Tombstone Arizona Heap Leach operators, Tombstone Exploration, Inc., a Delaware Corporation.

We would, therefore, like it to be made perfectly clear that as such S.E.A., Inc., its identities, other subsidiaries and employees have had no responsibilities toward rental or purchase of equipment, supplies, or services from your company for use at or on the Tombstone Project. All past, present and future obligations, commitments, agreements, contracts, and understandings are between your firm and Tombstone Exploration, Inc., and are not to be construed, implied or suggested to be supported by, made by or under guise of Southwestern Exploration Associates, Inc., its subsidiaries, related identities, or its employees.

We would, therefore, request that future invoices for services, labor, rental merchandise, or equipment be addressed to: Tombstone Exploration, Inc., P.O. Box 610,, Tombstone, Arizona 85638. Should it become necessary to change or alter previous agreements or services, we respectfully request this be done at your or your company's earliest convenience and addressed to Dustin Escapule or Eldridge (Al) Watterson at the Tombstone address or telephone (602) 457-3834, if problems should arise.

1017

In closing, we would like to express our gratitude and appreciation for all the help, comments, and services provided during our stay at Tombstone, and understanding during this period of change over.

At the request of
James A. Briscoe, President S.E.A., Inc.

Sincerely submitted,

Thomas E. Waldrip, Jr.
S.E.A. Land Division Manager

P-418
03-020/17

<DATE>
<COMP>
<ADDRESS>
<SAL>
<>

<DATE>November 16, 1979
<COMP>Dr. John Dean
<ADDRESS>Elmdale Road
Box 230, Route 2
North Scituate, R.I. 028057
<SAL>Dear Dr. Dean,
<>

<DATE>November 16, 1979
<COMP>Skyline Labs
<ADDRESS>Hawley & Hawley
P. O. Box 50106
Tucson, AZ 85703
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Mr. David D. Rabb
<ADDRESS>Mineral Technology Branch
State of Arizona
Bureau of Geology & Mineral Technology
University of Arizona
Tucson, AZ 85721
<SAL>Dear Mr. Rabb,
<>

<DATE>November 16, 1979
<COMP>Copper State Chemical Co.
<ADDRESS>P. O. Box 1110
Tucson, Arizona 85702
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Mr. Walter Dunn
<ADDRESS>P. O. Box 842
Tombstone, AZ 85630
<SAL>Dear Mr. Dunn,
<>

<DATE>November 16, 1979
<COMP>Ernie Escapule
<ADDRESS>P. O. Box 193
Tombstone, AZ 85638
<SAL>Dear Mr. Escapule,
<>

<DATE>November 16, 1979

<COMP>Charlie and Louie Escapule
State of Maine Mine
<ADDRESS>P. O. Box 453
Tombstone, AZ 85638
<SAL>Dear Mssrs. Escapule,
<>

<DATE>November 16, 1979
<COMP>Frontier Equipment Co.
<ADDRESS>P. O. Box 908
Tombstone, AZ 85638
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Jacobs Assay Office
<ADDRESS>1435 S. 10th Avenue
Tucson, AZ
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>United Fire Equipment
<ADDRESS>335 N. Fourth Avenue
Tucson, AZ 85705
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Arizona Dept of Economic Security
<ADDRESS>Unemployment Contributions 911 B
P. O. Box 6123
Phoenix, AZ 85005
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Arizona Public Service
<ADDRESS>P. O. Box 2907
Phoenix, AZ 85062
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Arizona Public Service
<ADDRESS>P. O. Drawer J
Bisbee, AZ
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Apache Powder Company
<ADDRESS>P. O. Box 700
Benson, AZ 85702

<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Archie's Auto Parts
<ADDRESS>5 W. Fremont
Tombstone, AZ 85636
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Mr. Robert Cowan
<ADDRESS>P. O. Box 309
Tombstone, AZ 85638
<SAL>Dear Mr. Cowan,
<>

<DATE>November 16, 1979
<COMP>McKesson Chemical Co.
<ADDRESS>2875 N. Flowing Wells
Tucson, AZ 85703
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Mountain Bell
<ADDRESS>11 Bisbee Road
Bisbee, AZ 85603
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Southwest Salt Company
<ADDRESS>P. O. Box 1237
Litchfield Park, AZ 85340
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>Sybron/Ionac
<ADDRESS>Ionac Chemical Co.
Division of Sybron Corp.
Birmingham, N.J. 08011
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979
<COMP>W. W. Grainger, Inc.
<ADDRESS>2185 E. 20th St.
Tucson, AZ 85719
<SAL>Attn: Accounts Receivable
<>

<DATE>November 16, 1979

<COMP>City of Tombstone
<ADDRESS>Water
Tombstone, AZ
<SAL>
<>

<DATE>December 6, 1979
<COMP>Hills Brothers Chemical Co.
<ADDRESS>2040 E. 14th Street
Tucson, AZ 85719
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>Mine Safety & Health Administration
<ADDRESS>522 North Central Avenue
Phoenix, AZ 85004
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>Tucson Realty and Trust
<ADDRESS>20 South Stone
P.O. Box 990
Tucson, AZ 85702
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>Foxworth-Killen Supply Company Tombstone
<ADDRESS>720 E. Fremont Street
Tombstone, AZ 85638
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>Irrigation and Sprinkler Supply - Tucson
<ADDRESS>2130 East 12th Street
Tucson, AZ 85719
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>NL Baroid - Tucson
<ADDRESS>6840 East Broadway
Tucson, AZ 85710
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>Zee Medical Service Co. - Tucson
<ADDRESS>1532 E. Indianola
Phoenix, AZ 85014
<SAL>Attn: Accounts Receivable
<>

<DATE>December 6, 1979
<COMP>Merchandise Research Co., Inc.
<ADDRESS>4500 E. Speedway, #7
Tucson, AZ 85712
<SAL>Attn: Accounts Receivable
<>

<DATE>December 7, 1979
<COMP>Mr. Vernon Dale
<ADDRESS>Arizona State Mine Inspector's Office
2030 East Speedway Blvd.
Tucson, Arizona 85716
<SAL>Dear Mr. Dale,
<>

<DATE>December
<COMP>
<ADDRESS>
<SAL>
<>

P07 6189030

RECEIPT FOR CERTIFIED MA

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Tucson Realty + Trust
STREET AND NO.
31 South Stone
P.O. Box 990
P.O., STATE AND ZIP CODE
Tucson, AZ 85702

POSTAGE	$ .15
CERTIFIED FEE	80
SPECIAL DELIVERY	
RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED	45
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES	$ 1.40

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
RETURN RECEIPT SERVICE

POSTMARK OR DATE

PS Form 3800, Apr. 1976

P07 6189029

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
NL Baroid - Tucson
STREET AND NO.
6840 East Broadway
P.O., STATE AND ZIP CODE
Tucson, AZ 85710

POSTAGE	$ .15
CERTIFIED FEE	80 ¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED	45 ¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	$ 1.40

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
RETURN RECEIPT SERVICE

POSTMARK OR DATE

PS Form 3800, Apr. 1976

P07 6189028

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Irrigation and Sprinkler Supply Tucson
STREET AND NO.
1130 East 12th Street
P.O., STATE AND ZIP CODE
Tucson, AZ 85719

POSTAGE	$ .15
CERTIFIED FEE	80 ¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED	45 ¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	$ 1.40

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
RETURN RECEIPT SERVICE

POSTMARK OR DATE

PS Form 3800, Apr. 1976

P07 6189027

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Foxworth-Killen Supply Co. Tombstone
STREET AND NO.
720 E. Fremont St.
P.O., STATE AND ZIP CODE
Tombstone, AZ 85638

POSTAGE	$ .15
CERTIFIED FEE	80 ¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED	45 ¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	$ 1.40

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
RETURN RECEIPT SERVICE

POSTMARK OR DATE

PS Form 3800, Apr. 1976

P07 6189026

RECEIPT FOR CERTIFIED MA

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Merchandise Research
STREET AND NO.
4500 E. Speedway #7
P.O., STATE AND ZIP CODE
Tucson, AZ 85712

POSTAGE	$ .15
CERTIFIED FEE	80
SPECIAL DELIVERY	
RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED	45
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES	$ 1.4

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
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POSTMARK OR DATE

PS Form 3800, Apr. 1976

P07 6205236

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Zee Medical Service Co. Tucson
STREET AND NO.
1532 E. Indianola
P.O., STATE AND ZIP CODE
Phoenix, AZ 85014

POSTAGE	$ .15
CERTIFIED FEE	80 ¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED	45 ¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	$ 1.40

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
RETURN RECEIPT SERVICE

POSTMARK OR DATE

PS Form 3800, Apr. 1976

1010

P07 6189025

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Hills Brothers Chemical
STREET AND NO.
2040 E 14th Street
P.O., STATE AND ZIP CODE
Tucson, AZ 85719

POSTAGE	$ .15
CERTIFIED FEE	.80 ¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE — SHOW TO WHOM AND DATE DELIVERED	.45 ¢
RETURN RECEIPT SERVICE — SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
RETURN RECEIPT SERVICE — SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE — SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	$ 1.40

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES

POSTMARK OR DATE

PS Form 3800, Apr. 1976

1009

DAY/TIMER Time-Saver LETTER

File; P-418

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712
(602) 795-6097

IN REFERENCE TO: 11.29.79
P-418 & others

FIRST CLASS MAIL ☐ INTER-OFFICE ☑

FOR J. A. Briscoe

Re: need to evaluate underground workings - for your rebrew

HOW TO USE THIS DAY/TIMER Time-Saver LETTER TO SAVE TIME.
Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

DATE: 11.29.79

Jim, I've finially recevied this article out of Oct. 1979 issue of Geophysics discussing methods of finding underground anomalies. It seems very applicable to past work & hopefully future work at Tombstone, should we wish to do further mining on the Contention Dike Area. This should be useful, but costly, but would I think be useful in showing underground tunnels, stopes and idealy should areas of mineraligation (where old workings were at. It is mentioned in the article of a 2" drill hole being used, therefore old drill holes might be able to be used if still open. Since we would only need to evaluate the upper 200' to 300' or less I feel it would definitely be worth a try. At best we may be able to use conventional equipment in the cut and cut down considerably on expenses (cats & frontend loaders) the method would also support evidence of underground workings, cutting down on concerns by Mine Inspectors Etc. Tom

REPLY

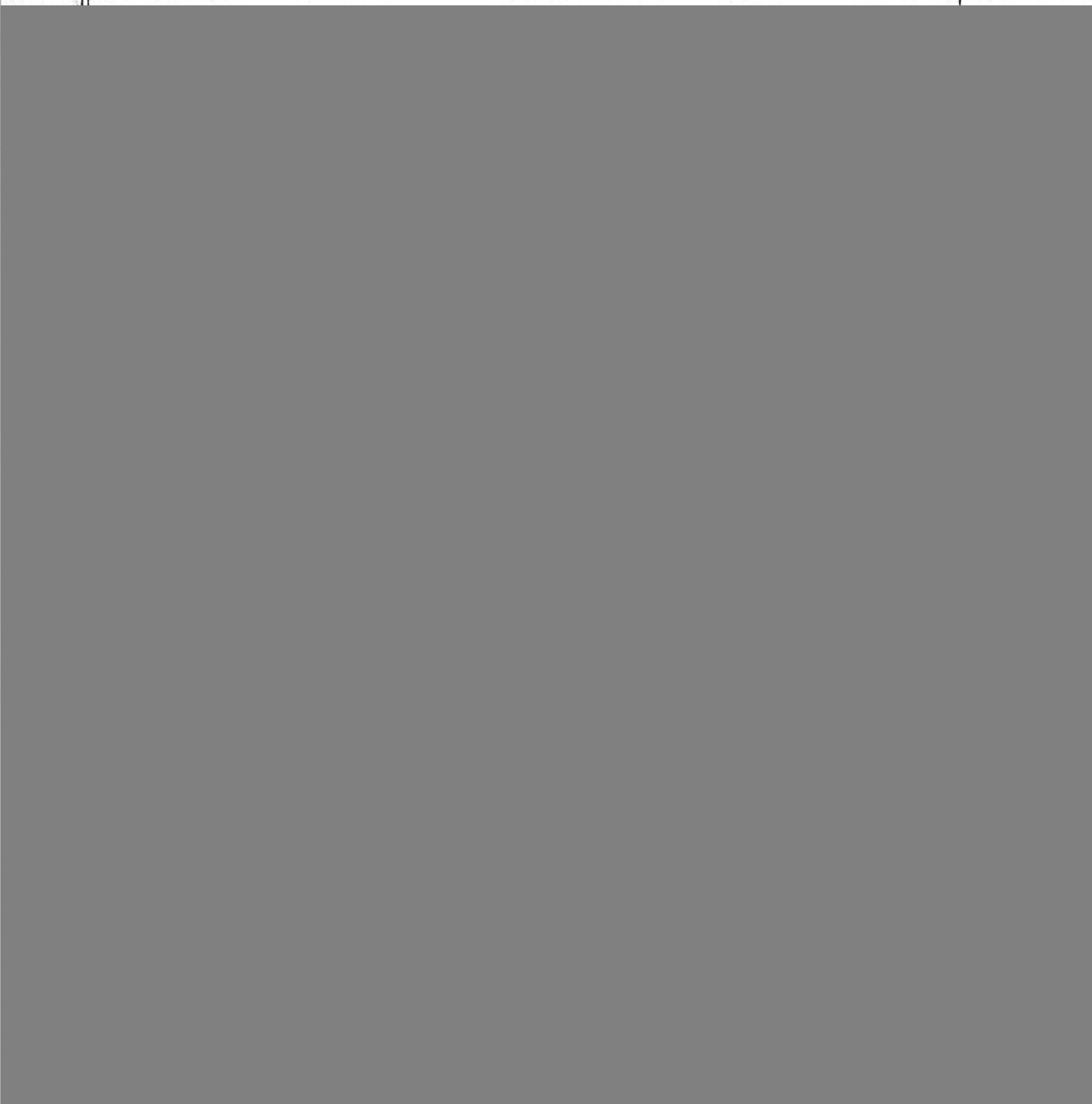
DATE: 12/12/79 Thanks Tom, I'll keep in mind for near when opportunity arises AHB

BY

1008

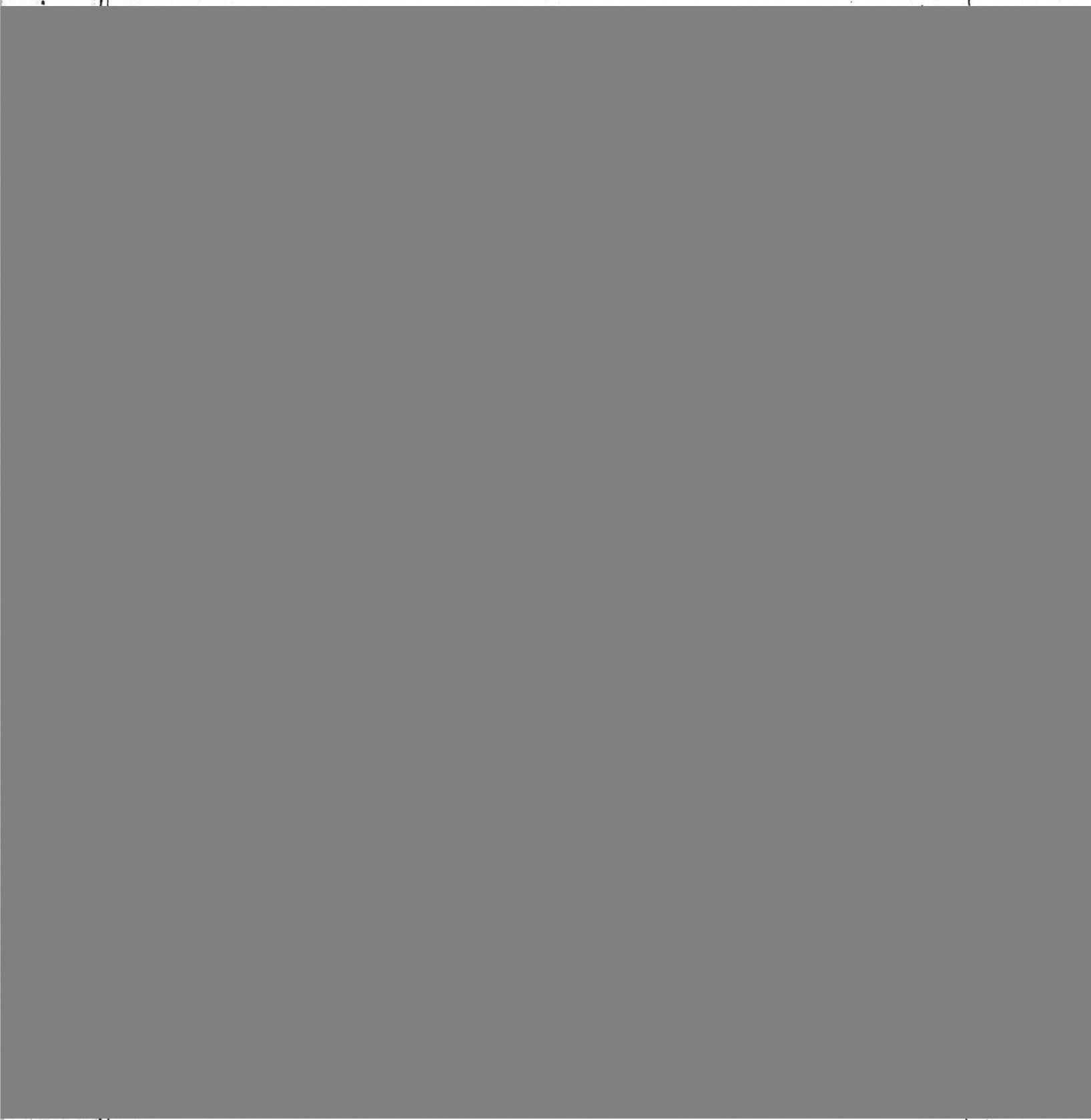
GEOPHYSICS, VOL. 44, NO. 10 (OCTOBER 1979); P. 1667–1676, 20 FIGS.

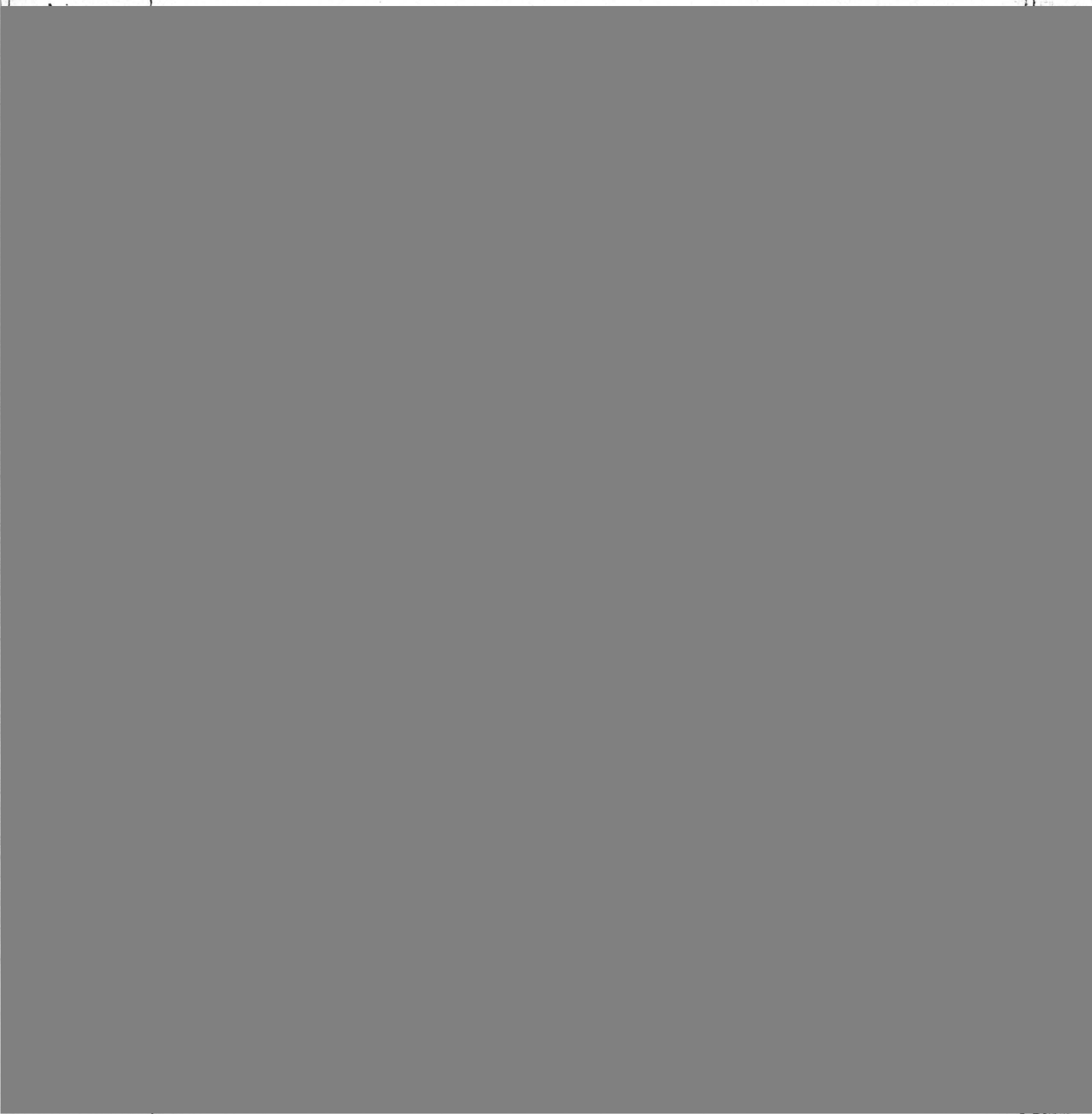
[redacted]



[redacted]

[redacted]





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Tucson, Arizona 85712
(602) 795-6097

4-31

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

November 28, 1979

Mr. Robert Holland
Manager
Arizona Public Service Company
P.O. Drawer J
Bisbee, AZ 85603

Re: Account No. 48 01304800-22
Name Change and Transfer of Deposit

Dear Mr. Holland:

To confirm our conversation of this morning, we would like to change the name on Account No. 48 01304800-22 from the existing name, Southwestern Exploration Associates, Inc. to Tombstone Exploration, Inc., effective upon receipt of this letter.

In addition to this name change, we would like to authorize the transfer of the $3,200 deposit from the name of Southwestern Exploration Associates, Inc. to the name of Tombstone Exploration, Inc.

Our understanding is that Dusty Escapule will send you a check in the amount of $855.00 to cover service to date (a past due amount). Please be advised that Southwestern Exploration Associates, Inc., subsidiaries, and other related corporations have not had, nor will in the future accept, any obligations, or responsibility for debts incurred by the present Tombstone Arizona Heap Leach operators, Tombstone Exploration, Inc., a Delaware Corporation.

Thank you for your patience and cooperation in this matter.

Sincerely,

Christine M. Dodson

Christine M. Dodson
Mgr., Business Services

CMD/rn
P-418

997

11-27-79

Dear Tom,

re yours 9-21-79 + our Phone Conversation regarding the filing of our claims with Cochise Co. Its been almost 2 mo + we have no record from Co recorder that assesment work has been recorded could you please follow this up + supply us with necessary records. also things mentioned in last Par. your letter.

might mention to Jim. we have never recd an operation report from Schloss. wrote him today asking for same. we recd Nov ad Royalty

Sincerely

Bill Hyslop

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4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

November 16, 1979

REVIEWED
NOV 19 1979
By

McKesson Chemical Co.
2875 N. Flowing Wells
Tucson, AZ 85703

Re: Termination and transfer of S.E.A. Hydromet's management responsibilities at Tombstone, Arizona heap-leaching operations to Tombstone Exploration, Inc.

Attn: Accounts Receivable

This letter is being written to inform you and your company that Southwestern Exploration Associates, Inc., subsidiaries and other related corporations, have not had, nor will in the future accept, any obligations, or responsibility for debts incurred by the present Tombstone Arizona Heap Leach operators, Tombstone Exploration, Inc., a Delaware Corporation.

We would, therefore, like it to be made perfectly clear that as such S.E.A., Inc., its identities, other subsidiaries and employees have had no responsibilities toward rental or purchase of equipment, supplies, or services from your company for use at or on the Tombstone Project. All past, present and future obligations, commitments, agreements, contracts, and understandings are between your firm and Tombstone Exploration, Inc., and are not to be construed, implied or suggested to be supported by, made by or under guise of Southwestern Exploration Associates, Inc., its subsidiaries, related identities, or its employees.

We would, therefore, request that future invoices for services, labor, rental merchandise, or equipment be addressed to: Tombstone Exploration, Inc., P.O. Box 610,, Tombstone, Arizona 85638. Should it become necessary to change or alter previous agreements or services, we respectfully request this be done at your or your company's earliest convenience and addressed to Dustin Escapule or Eldridge (Al) Watterson at the Tombstone address or telephone (602) 457-3834, if problems should arise.

995

In closing, we would like to express our gratitude and appreciation for all the help, comments, and services provided during our stay at Tombstone, and understanding during this period of change over.

At the request of
James A. Briscoe, President S.E.A., Inc.

Sincerely submitted,

Thomas E. Waldrip Jr.

Thomas E. Waldrip, Jr.
S.E.A. Land Division Manager

P-418
03-020/17

LETTER SENT TO THESE ADDRESSES

1. Skyline Labs
Hawley & Hawley
P.O. Box 50106
Tucson, AZ 85703

2. McKesson Chemical Co.
2875 N. Flowing Wells
Tucson, AZ 85703

3. City of Tombstone
Water
Tombstone, AZ

4. W.W. Grainger
2185 E. 20th St.
Tucson, AZ 85719

5. Shbron/Ionac
Ionac Chemical Co.
Division of Sybron Corp.
Birmingham, NJ 08011

6. Southwest Salt Company
P.O. Box 1237
Litchfield Park, AZ 85340

7. Mr. Robert Cowan
P.O. Box 309
Tombstone, AZ 85638

8. Mountain Bell
11 Bisbee Road
Bisbee, AZ 85603

9. Archie's Auto Parts
5 W. Fremont
Tombstone, AZ 85636

10. Jacobs Assay Office
1435 S. 10th AVenue
Tucson, AZ

11. Apache Powder Company
P.O. Box 700
Benson, AZ 85702

12. Arizona Public Service
P.O. Drawer J
Bisbee, AZ

13. Arizona Public Service
P.O. Box 2907
Phoenix, AZ 85062

14. Arizona Dept. of Economic Security
Unemployment Contributions
911 B
P.O. Box 6123
Phoenix, AZ 85005

15. United Fire Equipment
335 N. Fourth Avenue
Tucson, AZ 85705

16. Frontier Equipment Co.
P.O. Box 908
Tombstone, AZ 85638

17. Charlie & Louie Escapule
State of Maine Mine
P.O. Box 453
Tombstone, AZ 85638

18. Ernie Escapule
P.O. Box 193
Tombstone, AZ 85638

19. Copper State Chemical Co.
P.O. Box 1110
Tucson, AZ 85702

20. Mr. David D. Rabb
Mineral Technology Branch
State of Arizona
University of Arizona
Tucson, AZ 85721

21. Dr. John Dean
Elmdale Road
North Scituate, R.I. 02857

22. Mr. Walter Dunn
P.O. Box 842
Tombstone, AZ 85630

23. Ariz. mine Inspector

24. EMSHA

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Proj 418
p-418
4-28

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

November 15, 1979

State of Maine Mining Co.
P. O. Box 453
Tombstone, AZ 85638

RE: Project 418- Tombstone Leaching Operation Invoices

Dear Charlie and Louie:

Just a short note to inform you that we are in receipt of invoices No's: 17381, 17380, 17378, 17371, & 17364, of various dates, and have passed them along to Dusty and Al for payment from their operating account. I hope this caused no inconvenience, as we have relenquished our management position at Tombstone to Tom Schloss and are no longer in the position of paying expenses incurred by the Tombstone Leaching operation. Also #17376 & #0307

In the future, please send any invoices for services, equipment rentals, and purchases, directly to:

Tombstone Exploration Inc.
P.O. Box 610
Tombstone, AZ 85638

for payment.

In regards to the inquiry about payment of invoice #17992, as found on invoice #17376, dated October 24, 1979 for the 1/2 H.P. pump, 500 gal. tank and ball valve of 8/2/79, our records indicate that payment was made for these items by Tombstone Exploration Inc., check #1095, dated September 20, 1979 in the amount of $1,302.77 (for full payment of invoices #'s 17996, 17997, 17989, 17992 & 17991). Should this not be the case, please contact our Accounting Department (Ms. Jane Talley) and I feel sure that we can get things worked out.

992

RE: Project 418

In closing, I would like to extend both my personal and my company's thanks for all the help, advise, use of machinery, and concern for well being of the project during our initial start up of the project. Without this assistance, we would have been severly limited in gleaning any information and making this a viable project. It is hoped that we can again work with you on future projects, both at Tombstone and elsewhere.

Thanks again,

Thomas E Waldrip Jr.

Thomas Waldrip, Jr.

TW/bjg

P-418-Tombstone

PS Form 3811, Aug. 1978

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).
☑ Show to whom and date delivered ..... 45¢
☐ Show to whom, date, and address of delivery ..... ¢
☐ RESTRICTED DELIVERY
Show to whom and date delivered ..... ¢
☐ RESTRICTED DELIVERY
Show to whom, date, and address of delivery $
(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO: Tom Schlos
Famco - 1700 Broadway
22nd Flor - New York, N.Y 10019

3. ARTICLE DESCRIPTION:
REGISTERED NO. | CERTIFIED NO. 6193184 | INSURED NO.

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☐ Authorized agent

4. DATE OF DELIVERY OCT 16 1970
POSTMARK NEW YORK, N.Y. RADIO CITY OCT 17 1970

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:
CLERK'S INITIALS USPO

GPO: 1978-272-382

P07 6193184

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Tom Schlos / Famco
STREET AND NO.
1700 Broadway - 22nd Flor
P.O. STATE AND ZIP CODE
New York, New York 10019

POSTAGE	$ 41
CERTIFIED FEE	80 ¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED	¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	45 ¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	$ 1.66
POSTMARK OR DATE	

CONSULT POSTMASTER FOR FEES
OPTIONAL SERVICES
RETURN RECEIPT SERVICE

PS Form 3800, Apr. 1976

for Info.

DAY/TIMER Time-Saver LETTER

4-27

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712
(602) 795-6097

IN REFERENCE TO: P-418
Tombstone-

FIRST CLASS MAIL ☐ INTER-OFFICE ☑

FOR J.A. Briscoe

HOW TO USE THIS DAY/TIMER Time-Saver LETTER TO SAVE TIME.
Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

FOLD

DATE: 11.13.79

FOLD

Jim this pm I called D. Escapule about some equipment parts Back ordered in Sept. that have just come in again - for the second time. Wanted to see if they needed parts - didn't! Operation going along well - values remaining up to those recordered earlier. .3 to .4 troy oz / ton Solution Ag. Au remaining constant. - Rain of last week didn't cause any problems - although there was some concern. Should take delivery of 300 ton/day ppt plant next Monday 11.19.79. Pad still not finished, nor is the crusher installed. Have been doing work with the excavator up on the heap trying to determine values etc. Seams work is not progressing as fast as expected - see analysis following Dusty said to feel free to come down at any time and sends his best regards

FOLD

FOLD

REPLY

DATE

11/25/79 Tom; I just got around to reading the above & your appended analysis. I agree with everything you've said & agree with your suggestion regarding us taking it back over - but I think we'll have to bide our time for a while longer - have patience Jim Tom

989

To. J.A. Briscoe

From T.E. Waldrop Jr.

Date 11.13.79

Re: Operation efficiency at Tombstone.

Jim, even though we keep getting fed a rosy picture down at Tombstone I'm not so sure everything is progressing quite ~~as~~ planed - ~~but~~ Reading between the lines problems seem to be cropping up everywhere and time schedules are not being meet with what to me are only minor problems which should have been worked out long ago. as examplefiedby:

1. Delivery of the Front end loader was taken on Oct. 9 fully one month past with the intention of get a leach pad set up to begain leaching with the 300 ton/day plant. - This pad has yet to be finished - due to weather problems - and laying down the plastic liner. (world)
2. This probably also means that

the preg. ponds have not been finished.

3. The crusher (production) has been purchased but still awaits to be installed -

4. Adtional backhoe work is being done on the large leach pad. with some-what discouraging results. (lower values) that the area now being leached.

What does this all mean - that approximately $30,000 worth of equipment is setting around waiting to be used. - front end loader, A.A. unit (which is installed) 300 ton per day ppt. plant & production crusher. Of course I could be wrong, but should this be the case, how in hell do they plan to make a profitable operation down there. My understanding of the time schedule - from early oct. was for the pad to be finished and loaded with a least one 15,000 ton heap for testing with the new 300 ton/day plant beginning on delivery in ~~Mid~~ Early to Mid November - The plant is ready but obviously the pad is nowhere near completion - has a substitute plan been iniated? who knows. - What has

The crusher was to be installed for bulk crushing and loading possibly of a second heap or lift shortly after receiving the ppt plant. It sound they have yet made serious plans about installization in the near future even though Dusty's Hopes? to get to it next week.

What is the idea of doing more sampling on the heap with the excavator - that was the whole purpose of the new heap pad & piles, to test the leachability of a grote unquote "representative cross section of ore to be leached." Damn, what good is a 50# sample it definitely is not representative! No wonder results are discouraging!

I feel we should try to get back on schedule - get the operation going as planned an stop playing around wasting money on non or under used equipment, underworked over staffed personel, rubish of doing more testing - of mine run materials. Get the crusher set-up; start some crushing test & above all get the pads finished at all costs. Then

some meaningful results will be obtained. Above all get the New Yorker out of the saddle. He's not a cowboy, just a weekend pleasure ~~ba~~ back rider. Period. I'm mad for because even though I have very little at steak — things on which I've worked such as this, I hate to see fail because of the tense, sweat and consternation for which it caused me and I know has caused you the business and repracussions to the employees here.

Thank Tom

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Tucson, Arizona 85712
(602) 795-6097

4-26

James A. Briscoe, President
Registered Professional
Geologist

Southwestern
Exploration Associates, Inc.

November 10, 1979

Mr. Tom Schloss
FAMCO
1700 Broadway
22nd Floor
New York, NY 10019

RE: Transmittal of Billing for October 26, 1979

Dear Tom,

Enclosed is the billing for October, 1979 which covers the Tombstone Project expenditures (time and expenses) for the period from September 29, 1979 through October 26, 1979.

If you have any questions regarding this bill, please contact Tom Waldrip or Jane Talley.

Thank you.

Sincerely,

Judy M. Urias

Judy M. Urias
Asst. Bookkeeper

/jmu
P-418
Encl.

984

P07 6185833

RECEIPT FOR CERTIFIED MAIL

*NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Tom Schloss FAMCO
STREET AND NO.
1700 Broadway, 22nd Floor
P.O., STATE AND ZIP CODE
New York, NY 10019

POSTAGE			$ 2.25
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		.80 ¢
	OPTIONAL SERVICES — SPECIAL DELIVERY		¢
	OPTIONAL SERVICES — RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	.45 ¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES			$ 3.50
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
- ☐ Show to whom and date delivered..... 45¢
- ☐ Show to whom, date and address of delivery..... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered..... ¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$ ____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Mr. Tom Schloss, FAMCO
1700 Broadway, 22nd Floor
New York, NY 10019

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6185833	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☐ Authorized agent

4. DATE OF DELIVERY: 11/2

POSTMARK: 14 1973 NEW YORK NY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO : 1979-288-848

983

DAY/TIMER time-Saver

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712
(602) 795-6097

LETTER

IN REFERENCE TO: P-418
Liability for Tombstone

FIRST CLASS MAIL ☐ INTER-OFFICE ☐

FOR JAB

HOW TO USE THIS DAY/TIMER time-Saver LETTER TO SAVE TIME.

Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

FOLD

DATE 11/7/79

Just spoke with Dusty in Tombstone -- he is having someone come out tomorrow (11/8) to get them signed up with Liability insurance. He will call me as soon as the papers are signed -- at that time I'll call Allan and cancel the liability we're carrying for them.

SIGNED Chris

REPLY

DATE 11/7/79 FOLD

Don't cancel anything with Allan until ① I see the policy & am sure I'm named as co-insured ② I'm satisfied with the coverage & the carrier

SIGNED JAB

DAY/TIMER time-Saver® REORDER FORM No. 82419L, DAY-TIMERS, Allentown, Pa. 18001

982

<NAME>
<POSITION>
<COMP>
<ADDRESS>

Re: Termination and transfer of S.E.A. Hydromet's management responsibilities at Tombstone, Arizona heap-leaching operations to Tombstone Exploration, Inc.

Dear <SAL>,

This letter is being written to inform you and your company that Southwestern Exploration Associates, Inc., subsidiaries and other related corporations, have not had, nor will in the future accept, any obligations, or responsibility for debts incurred by the present Tombstone Arizona Heap Leach operators, Tombstone Exploration, Inc., a Delaware Corporation.

We would, therefore, like it to be made perfectly clear that as such S.E.A., Inc., its identities, other subsidiaries and employees have had no responsibilities toward rental or purchase of equipment, supplies, or services from your company for use at or on the Tombstone Project. All past, present and future obligations, commitments, agreements, contracts, and understandings are between your firm and Tombstone Exploration, Inc., and are not to be construed, implied or suggested to be supported by, made by or under guise of Southwestern Exploration Associates, Inc., its subsidiaries, related identities, or its employees.

We would, therefore, request that future invoices for services, labor, rental merchandise, or equipment be addressed to: Tombstone Exploration, Inc., P.O. Box 510,, Tombstone, Arizona 85638. Should it become necessary to change or alter previous agreements, or services we respectfully request this be done at your or your companies earliest convenience and addressed to Dustin Escapule or Eldridge (Al) Watterson at the Tombstone address or telephone (602) 457-3834, if problems should arise.

In closing, we would like to express our gratitude and appreciation for all the help, comments, and services provided during our stay at Tombstone, and understanding during this period of change over.

At the request of
James A. Briscoe, President S.E.A., Inc.

Sincerely submitted,

Thomas E. Waldrip, Jr.
S.E.A. Land Division Manager

P-418
03-020/17

DAY/TIMER Time-Saver

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712

(602) 795-6097

LETTER P-418

IN REFERENCE TO: Letter advising Tombstone suppliers of SEA status change

FIRST CLASS MAIL ☒ INTER-OFFICE ☐

FOR J. S. Kittle, Esq.

HOW TO USE THIS DAY/TIMER Time-Saver LETTER TO SAVE TIME.

Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

DATE 11/5/79

Jay: Appended is a letter draft which we want to send to any suppliers - sub-contractors relating to Tombstone.

Please look it over & give me your comments or make changes if necessary

Thanks

Jim Briscoe

SIGNED

REPLY

DATE FOLD

SIGNED

DAY/TIMER Time-Saver® REORDER FORM No. 82419L, DAY-TIMERS, Allentown, Pa. 18001

Consultants in:
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4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 11, 1979

RECEIVED OCT 17 1979

Lem Robinson
Sales Manager
Modern Machinery Co., Inc.
1201 East Valencia Rd.
Tucson, AZ 85706

RE: RENTAL OF 515 INTERNATIONAL FRONT END LOADER BY TOMBSTONE EXPLORATION, INC. FROM MODERN MACHINERY CO., INC.

Dear Lem,

This letter is being written to inform you and your company that Southwestern exploration Associates, Inc., subsidiaries and other related corporations have not had, nor will in the future accept, any obligations, or responsibility for debts incurred by Tombstone Exploration, Inc. a Delaware Corporation.

We would, therefore, like it to be made perfectly clear, that as such, S.E.A., Inc., it's identities, other subsidiaries and employees have had no responsibilities toward rent or purchase of any equipment from your company. All past, present and future obligations, commitments, agreements, contracts, and understandings are between your firm and Tombstone Exploration, Inc., and are not to be construed, implied or suggested to be supported by, made by, or under guise of Southwestern Exploration Associates, Inc. its subsidiaries, related identities, or its employees.

Further monies due for rental, transportation charges, etc. should be invoiced to:

Tombstone Exploration, Inc.
P.O. Box 610
Tombstone, Arizona

979

Please indicate below, by your signature, Lem, that you have read and understand the preceding.

Respectfully submitted,

Thomas E Waldrip Jr

Thomas E. Waldrip, Jr.
Land Division Manager

Lem Robinson 10-14-79

Lem Robinson
Sale Manager
Modern Machinery Co., Inc

Date

TEW:mfh
P-418

Please sign and return to Southwestern Exploration Associates, Inc.

NEW POND CONSTRUCTION

A. MATERIALS	COSTS
1. POND LINER 6000 SQ FT @ .08½¢ PER SQ FT	$510.00
2. 2,600 FT 1½" PVC. SCHED. 40 @.44¢ PER FT. + TAX	$279.84
3. MISC. COUPLERS & FITTINGS	$ 50.00
4. P.V.C. GLUE + PRIMER	$ 25.00
5. 2 ROLLS TAPE @ $19.00 EA	$ 38.00
B. EQUIPMENT	
1. LOADER 6 HRS @ $25.00	$ 150.00
2. DUMP TRUCK 2 HRS @ $25.00	$ 50.00
C. SUMMARY TOTAL COST	$1,102.00

IT WILL REQUIRE 4 TO 6 LOADS OF TAILS FOR A SUB-BASE IN THE POND BEFORE INSTALLING THE LINER. THE PURPOSE OF THIS IS TO PREVENT ANY LARGE STONES FROM PUNCTURING THE LINER.

THE LINER MAY BE PURCHASED FROM GRIEFLOYN CORP, HOUSTON, TEXAS. I RECOMMEND THAT THE GRIEFLOYN #35 BE USE WITH BOTH SIDES BLACK IN COLOR.

THE LOADER MAY BE RENTED FROM THE STATE OF MAIN MINE AND THE TRUCK RENTED FROM STEVE HENDERSON.

I ESTIMATE IT WILL TAKE ONE AND A HALF DAYS TO COMPLETE THIS PROJECT. THIS ESTIMATION INCLUDES THE TIME AND MATERIALS (A - LINE 2, 3, + 4) FOR SMALL PLANT SPRAY LINES.

EQUIPMENT LIST

BISBEE SALVAGE

1. DOUBLE DRUM WENCH TO BE USED AS A DRAGLINE WITH 30 HP ELECTRIC MOTOR INCLUDING WIREING & CONTROLS $1,600.00

   NOTE! PRICE INCLUDES LOADING WITH CRANE.

2. 1 SLUSHER BUCKET THAT WILL HOLD APPROX ½ TON 295.00

3. A SINGLE SHIV + 1 DOUBLE SHIV PULLY 150.00

4. 1 25 FT X 20" CONVEYOR BELT WITH MOTOR 2,500.00

5. 1 4FT X 8 FT SHAKER SCREEN WITH MOTOR 3,500.00

6. 15 IN X 24 IN JAW CRUSHER WITH MOTOR 7,500.00

7. PULVERIZER WITHOUT MOTOR 800.00

Applicant for Tombstone. File Tombstone

CHESTER L. KINGSBURY
1341 N. Arbor Circle
Tucson, Arizona

PROFFERING OF QUALIFICATIONS

Telephone (602) 296-8779

OBJECTIVE:

Seeking a responsible, challenging, and rewarding position as a MINING ADMINISTRATOR/ OPERATIONS MANAGER where my ability, training, and experience can be fully and effectively utilized.

QUALIFICATIONS:

Background includes experience in the following areas:
Administration Operations Management MSHA OSHA Anti-pollution Equipment Gyratory, Cone, Jaw Crushers Screens Jigs Material Handling Shiploading Spirals Rod, Ball Mills Floatation Equipment and Processes Heavy Media and Magnetic Separators Bentonite Processing Hydrated Lime Processing Slurry, Acid, and Water Pumps Disc and Drum Filters Heavy Duty Mobile Equipment High Pressure Slurry Handling Uranium Processes Maintenance Ore Beneficiation Pelletizing Straight Grate and Rotary Kiln Furnaces Verticle and Horizontal Dryers.

WORK EXPERIENCE:

Feb. 1979 to Present

CONSULTANT, SELF EMPLOYED
Tucson, Arizona
Position: Beneficiation Plant Consultant

Consultant to various firms on milling problems. Defined problems, conducted studies, gathered and analyzed data, recommended solutions. Advised clients on alternate methods for problems such as processing changes, modifications of equipment or machines, redesign of operation and methods.

WORK EXPERIENCE CONTINUED:

Oct. 1978 to Feb. 1979

MEXICANA de COBRE
Nacozari, Sonora, Mexico
Position; Consultant

Start up consultant to Mexicana copper concentrating complex. Defined problems, conducted studies and surveys. Obtained data, analyzed data and used knowledge, theory, principles, and technology to obtain solutions to problems. Advised company on best methods and procedures for plant start up operations.

Nov. 1975 to Oct. 1978

ARTHUR G. McKEE-WKE
San Mateo, California
Position: Senior Process Engineer

Senior process emgineer in basic design of ore beneficiation, pelletizing, coal gasification, oil shale processing, and coke plants. In charge of all operations and maintenance of start up and operation of 250 million dollar, 3.5 MTPY iron ore beneficiation and pelletizing complex of Compania de Acero del Pacifico, Huasco, Chile. Supervised CAP personnel and teams from McKee and Kobe Steel in start up operations and production of iron ore concentrates and pellets.

Feb. 1963 to Oct. 1975

MARCONA MINING COMPANY
San Francisco, California
Position: Superintendent

In Peru, responsible for production and maintenance on mine crushing, screening, and material handling plants. Superintendent in charge of gravimetric, magnetic separation, flotation and filter plants. Responsible for 4.5 MTPY pelletizing plant and related operations of bentonite mining and processing and the Marcona-Flo jet system.

Oct. 1961 to Jan. 1963

MATICH and SUNDT
Vandenberg AFB, California
Position: Field Estimator

Made required changes on plans by US Air Force to three TITAN II Missile silos. Worked out cost of changes, compared cost with sub-contractors and negotiated cost with sub-contractors. Responsible for all cost changes on the missile silos for the US Air Force.

Dec. 1960 to Sept. 1961	ENCHANTED HILLS Tucson, Arizona Position: Project Manager Responsible for the complete lay out and development of this sub-division. Responsible for all scheduling of all materials, ordering, and work of several hundred residences. Reveiwed project plans to ascertain time frame and funding. Developed work plans for each phase of construction. Delegated authority and responsibility for each phase of plan. Conferred with subordinates and submitted reports to management on status of project to completion.
June 1959 to Dec. 1960	LUSK CORPORATION Tucson, Arizona Position: Development Manager Responsible for complete lay out of projects, streets, lots, utilities, and sewers. Negotiated all contracts and awarded contracts to firms. Responsible for scheduling of work plan to insure completion within project time plan and cost Designed systems on all aspects of project.
May 1951 to Feb. 1959	RESERVE MINING COMPANY Silver Bay, Minnesota Position: Superintendent Responsible for coordination between company and plant building contractor. Responsible for development and refinement of final flow sheet. Responsible for complete production, operations and maintenance of plant until transfer to home office in 1958.
June 1946 to May 1951	McGRAW CONSTRUCTION COMPANY Middletown, Ohio Position: Field Engineer Responsible and supervised lay out of coal washing plants, railroads, and mining plants. Designed and laid out heavy equipment placement for industrial plants.

EDUCATION:	Lehigh University Bethlehem, Pennsylvania Business Administration Stevens Institute of Technology Hoboken. New Jersey Mechanical Engineering

PERSONAL DATA	US Citizen Bi-lingual	Married Health, Good

REFERENCES: Excellent personal and professional references available on request.

Thank you for your time and consideration.

Chester L. Kingsbury

References

Bob Smoldt - Smoldt Const.

Max Morgan - Maint. Supvs. Pima Mine

Phil Morey - Finor Mining & Metals, Tucson

John Bartlett - Retired Mill man - see Tucson Phone book

Henery Ruben - Sales for Trelleborg Rubber Co. now independent cons.

Tom Cully - ~~A~~ Davy - McKee Copper Queen? Motel.

DAY/TIMER Time-Saver

LETTER

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712

(602) 795-6097

IN REFERENCE TO: P-418
Letter to Tom Schloss

AIRMAIL ☐ FIRST CLASS MAIL ☐ INTER-OFFICE ☑

FOR J. A. Briscoe

HOW TO USE THIS DAY/TIMER Time-Saver LETTER TO SAVE TIME.
Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

FOLD DATE: 10·26·79 FOLD

Jim I fully agree with your approach to the letter and content - but I feel two points are not mentioned. #1. Tombstone Development Corporation should also be informed on a weekly-monthly basis due to the nature of their lease - hinging on rental payments of ore value removed. - this should also ~~assure~~ lead to accurate assay values being taken on a shipment by shipment basis. #2. I would be hoped that in case of loss of ppts, assay values would be producable ~~known~~, so as to receive insurance money back from the common carrier - (assuming

REPLY

insurance is being placed on ppts being shipped to N.Y.) without backup receipt, assay value etc. or replacement purchase value normally it is often hard to substanciate values, especially with variable, high value products of this nature & insurance companies often will put up quite a battle, not willing to pay full insured valued. which has happened to our family on several instances on lost articles.

DATE: 10/29/79

BY Tom

Thanks for additional info

970

SKYLINE LABS, INC.
P.O. Box 50106 • 1700 West Grant Road
Tucson, Arizona 85703
(602) 622-4836

4-24

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

FILE Tombstone File

CERTIFICATE OF ANALYSIS

Assays by State of Maine Mine

ITEM NO.	SAMPLE IDENTIFICATION	Au mg/l	Ag mg/l			SOLUTION TROY OZ/TON Au	SOLUTION TROY OZ/TON Ag		SOM Au	SOM Ag
1	B - 3 24 hr.	0.88	25.			.0283	.804		.043	1.92
2	B - 7 48 hr.	1.51	205.			.0485	6.592		.060	3.68
3	B - 6 48 hr.	1.12	135.			.0360	4.34		.046	2.68
4	B - 11 36 hr.	3.20	430.			.1029	13.83		.194	7.84
5	B - 13 36 hr.	2.98	245.			.0958	7.88		.174	4.80
6	B - 14 6 hr.	0.20	21.			.0064	.675		.001	.67
7	B - 18 48 hr.	0.52	49.			.0167	1.576		.075	3.04
8	B - 19 48 hr.	1.72	155.			.055	4.984		.098	4.16

11/1/79

This comparison between the State of Maine Mine assays and that on the same samples shows important differences.

1. Gold is substantially higher in the SOM assays

2. Silver in the high grade samples is substantially lower in SOM than S.L. This could be due to problems in dilution of the higher solutions during the AA analysis

REVIEWED
OCT 25 1979
By

REGISTERED ASSAYER CERTIFICATE NO. 9425 WILLIAM L. LEHMBECK STATE OF ARIZONA

10/23/79

TO:

SOUTHWESTERN EXPLORATION ASSOC.
4500 E. Speedway, Suite #14
Tucson, AZ 85712

ATT.: Mr. James A. Briscoe

REMARKS:

Single analysis

Project: P-418

CERTIFIED BY:

DATE REC'D:	DATE COMPL.:	JOB NUMBER:
9/5/79	10/22/79	TFO 061

969

From the Desk

Jim Briscoe

4-24

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

Date: 10/25/79

TGW

Tombstone File

- [x] For your information or interest.
- [ ] For your future consideration.
- [ ] Please note and destroy.
- [ ] Please supply more details.
- [ ] Please advise present status.
- [ ] Please take necessary action.
- [ ] Please investigate and report.
- [ ] Please write reply for my signature.
- [ ] Please reply. Send copy to me.
- [ ] For your comments.
- [ ] For your signature.
- [ ] For your approval.
- [ ] For immediate action.
- [ ] For your files.
- [ ] Please note and file.
- [ ] Please note and return.
- [ ] Please note and see me.
- [ ] Please advise.

CERTIFICATE OF ANALYSIS

Assays by State of Maine Mine

		SOLUTION TROY OZ/TON Au	SOLUTION TROY OZ/TON Ag	SOM Au	SOM Ag
		.0283	.804	.043	1.92
		.0485	6.592	.060	3.68
		.0360	4.34	.046	2.68
		.1029	13.83	.194	7.84
		.0958	7.88	.174	4.80
		.0064	.675	.001	.67
		.0167	1.576	.075	3.04
		.055	4.984	.098	4.16

Notes:

Please add a copy to your files & send a copy to T. Schloss & the guys at Tombstone. Also be sure the check comes out of the Tombstone account for payment of this bill on this.

☐ Over, please.

Southwestern Exploration Associates, Inc.
Tucson, Arizona

Between the State of Maine Mine assays and that on the same samples there are important differences.

1. Gold is substantially higher in the SOM assays

2. Silver in the high grade samples is substantially lower in SOM than SL. This could be due to problems in dilution of the higher solutions during the AA analysis

REVIEWED
OCT 25 1979
By

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
STATE OF ARIZONA
U.S.A.
10/23/79

TO:

SOUTHWESTERN EXPLORATION ASSOC.
4500 E. Speedway, Suite #14
Tucson, AZ 85712

ATT.: Mr. James A. Briscoe

REMARKS:

Single analysis

Project: P-418

CERTIFIED BY:

DATE REC'D:	DATE COMPL.:	JOB NUMBER:
9/5/79	10/22/79	TFO 061

968

4-23

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4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 25, 1979

Mr. Thomas H. Schloss
Chairman of the Board
FAMCO
1700 Broadway
New York, New York 10019

RE: Assaying of Leach Plant Precipitates--Periodic Progress Reports Tombstone

Dear Tom:

I had an occasion to talk with Dusty Escapule today in relation to the termination of all employees from S.E.A. Hydromet, Inc. and their switch over to employment by Tombstone Exploration, Inc. This has been effectuated as of October 24, 1979.

During our conversation, I reiterated to Dusty the importance of taking adequate samples and having these samples assayed from each batch of precipitate before it is shipped out of Tombstone. He agreed with the advisability of this procedure, however, mentioned that you had indicated that no data was to be transmitted on to me and that all of the data was to come from you in New York. Quite frankly, I was a bit surprised and taken aback at this development. I think it is ill advised on your part, Tom, and does not adhere to the spirit in which I would like to conduct our relationship and have done so, for my part, on this project. I hope I am mistaken in this and would be happy to hear from you to the contrary on this impression that somehow information regarding the project is to be withheld from me.

As a substantial partner in this project, I expect to have access to the property and facilities at any time. In addition to access, I am sure that you agree with and understand the need for periodic reports which should include weekly and monthly progress reports. As manager of the project, the burden must, of necessity, fall on your shoulders, though my understanding is that you now have adequate staff including secretarial help in Tombstone so that this reporting can be done routinely. Of prime importance in this is the need for assaying of precipitates in an adequate scientific manner so that the total production from the plant need never be open to question. I am sure that Dr. John Dean can best advise to how this should be accomplished. Of

course this does require that samples be taken at Tombstone and assayed by an outside firm--I suggest we continue with Skyline Labs or its Umpire assay division, Hawley and Hawley, Inc. Again, these reports are necessary for:

1. My information and records
2. A requirement of our lease from T.D.C.
3. Insurance requirement for air freight insurance

I was also concerned on learning the fact that there is no funded operating account in Tombstone, that the operators--Dusty Escapule and Al Waterson--can call upon; this can cause substantial delays in transmittings funds for the subsequent purchase of necessary equipment so the operation can proceed in a uniform manner with continuity of effort. We have had numerous discussions on this subject of operating cash. Now that the constant flow of precipitates, which is essentially supporting the operation's overhead is available, your concern on this matter should be somewhat alleviated. Unnecessary delays due to unavailability of cash for various operations can cause substantial daily losses which will become more significant as the operations fixed overhead is increased. While I realize that you feel that you are supporting the burden of this, any outside influxes of cash dilute my interest in the project and thus I cannot condone or tolerate this type of problem. I recommend that a two signature checking account be established for the Tombstone personnel and that Dusty, Al, and probably your secretary at the operation be made signatories to this account. It should contain not less than $2,000, an amount which can be replenished immediately on its use. For larger purchases, you can handle these from New York or transmit to that account funds as are necessary. An operation such as the Tombstone project can simply not be without some minimum operating capital.
Obviously, Tom, the continued success of the operation is of great concern to me and I will do what ever I can to help out wherever possible. I would like you to take the above in the context which they are intended, that is positive suggestions which smooth the overall continuity of operations at Tombstone. I do not wish to see any of these facets of operations, which if not attended to early on, reach crisis proportions.

Very truly yours,

James A. Briscoe

JAB/db
P-418
00-021/21

cc: J. S. Kittle, Esq.
Dr. John Dean

4-22

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4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 25, 1979

Mr. Thomas H. Schloss
Chairman of the Board
FAMCO
1700 Broadway
New York, New York 10019

Re: Switchover at Tucson

Dear Tom:

As per our telephone conversation of October 18, it is my understanding that you will be submitting to me as soon as possible your suggestions for a change in our working agreements dated March 7, 1979.

I will look forward to receiving this at your earliest convenience.

Very truly yours,

James A. Briscoe

JAB/db
P-418
00-021/20

965

4-21

Consultants in:
• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
• interpretation-image processing
Worldwide Mobilization

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 24, 1979

Mr. Tom Schloss
FAMCO
1700 Broadway
22nd Floor
New York, NY 10019

Re: Transmittal of Billing for September, 1979
and Correspondence from J.R. Shelburne, President
Natural Resources

Dear Tom,

Enclosed is the billing for September, 1979 which covers the Tombstone Project expenditures (time and expenses) for the period from September 1 through September 28, 1979.

Also enclosed is a piece of correspondence from Mr. J.R. Shelburne, President of Natural Resources regarding the data which Jim sent to him on the Tombstone properties.

Sincerely,

Christine M. Dodson
Mgr., Business Services

/cmd
P-418
encl.

964

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.) 45¢
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- ☐ Show to whom, date and address of delivery.....¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered.....¢
- ☐ RESTRICTED DELIVERY.
  Show to whom, date, and address of delivery.$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Tom Schloss / Famco
1700 Broadway
22nd floor
New York NY 10019

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	P07 6205167	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐Addressee ☐Authorized agent

4. DATE OF DELIVERY 10/29/79

POSTMARK 30 OCT 1979 NEW YORK, NY 10019 STA

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆GPO : 1979-283-848

P07 6205167

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Tom Schloss / FAMCO
STREET AND NO.
1700 Broadway - 22nd floor
P.O., STATE AND ZIP CODE
New York, NY 10019

POSTAGE			$ .67
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		80 ¢
	OPTIONAL SERVICES	SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
		RETURN RECEIPT SERVICE — SHOW TO WHOM AND DATE DELIVERED	45 ¢
		RETURN RECEIPT SERVICE — SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
		RETURN RECEIPT SERVICE — SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		RETURN RECEIPT SERVICE — SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES			$
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

963

Consultants in:
• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
• Interpretation-image processing
• Worldwide Mobilization

4-20 JAB

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 24, 1979

Mr. Thomas H. Schloss
Chairman of the Board
FAMCO
1700 Broadway
New York, New York 10019

Re: Inadvertent payment to Dr. John Dean

Dear Tom:

Today I received your letter of October 15, 1979, regarding the payment to John Dean.

During our meeting on September 26 which you referenced, your words were to the effect that you would prefer that check to be handled from New York. You may recall that we were reading from a list of payables prepared by our bookkeeping department. Due to the press of other business related to your trip out here and our lengthy discussions with Dr. Dean, as well as my subsequent immediate departure for Nevada, it was overlooked that we had not instructed our bookkeeping department to delete that check. Such lack of deletion was entirely accidental--nevertheless Dr. Dean was paid his billings which went back some three or four months. Since these were to be paid from New York anyway, I'm sure that no harm was done. Be that as it may, this problem relates to having more than one entity supervising the Tombstone project, those being S.E.A., Inc. and FAMCO, Inc., which led to my insistence that FAMCO take over the management of the project and dispursement of funds and bookkeeping relating to the project be handled from your New York office.

Since our meeting on September 26th, I have been traveling extensively in remote areas of Nevada and New Mexico where telephones were unavailable to me during most of your waking hours. The details of this problem I explained to you during our telephone conversation Thursday, October 18, at 12:00 Tucson time.

Very truly yours,

James A. Briscoe

JAB/db
P-418
cc to John Dean

962

FILE MEMO P-418 Tombstone M.D., Cochise Co; Ariz

FROM: JAB

DATE: 10-24-79

RE: Conversation with Dusty Escapule, 9:45 to 10:15 at S.E.A. Office in Tucson

Dusty Escapule stopped by to drop off time sheets for Tombstone crew last week and to pick up paychecks for Tombstone operations. These will be the last paychecks in which the Tombstone crew is on the S.E.A. Hydromat, Inc. payroll and they include termination notices indicating that as of last Saturday they had been switched over to the Tombstone Exploration Company payroll.

Dusty indicated his pleasure at having worked with Tom Waldrip and I and indicated that we knew what we were doing, how to get it done and could go about it efficiently. I extended the invitation to him if anything should ever happen to the Tombstone project, or his involvement with it, that he should check first with us regarding employment on similar projects in other areas. I also told him I did not want to have him leave the project for other employment as long as it was viable.

I told Dusty that as soon as everything was worked out as

far as operating procedure and financing, pointing out that we had approximately $75,000 in time and cash in the project at this point, that we would return and perform geology. He indicated that he had told Tom Schloss that he and Al Waterson were not geologists and did not want to take on any of that responsibility. I indicated that I understood that and that, of course, we were not interested in doing metallurgical work and explained the situation in relation to Dr. Dean's not appearing in early August as per my request, since he had not been paid.

I indicated to Dusty that I did not want to see any precipitates leaving Tombstone without having a good assay sample taken--for his protection, my protection, and Tom Schloss's protection. Dusty said that he was doing this but that Tom had directed him not to make any information available except through New York. I said that I understood that since Tom was paying his salary and was his boss, that I would take it with ~~calm~~ him.

Dusty said that at present they were still getting substantial silver out of the area one leach dump material and that the heads were varying between 0.3 and 0.5 oz. per ton. They were operating on a 24 hour per day basis, 7 days a week and that assay averaged in at $17 silver at about $700 per day, or about $5,000 a week, or about $20,000 per month. Thus, their overhead expenses are being paid by the operation. The throughput on the small 100 ton per day plant is actually overrated capacity and it is being pumped through at about 110 to 130 tons per day. With

the new larger plant which should be delivered in about two weeks, the output should triple and Dusty felt that a second plant should be ordered at that time which will increase the total capacity to approximately $120,000 per month.

Tom has purchased the TMR 12 x 24 jaw crusher for about $7,500 dollars, or about what it was sold for from the Bisbee salvage people. They will be installing the crusher on the north end of the heap, where Dusty has recently expanded the impermeable pad to allow room for additional dump material. The excavator, or track-mounted back hoe, will be used to sample the northwest face of the heap and then if it runs sufficiently high, it will be pushed on to the expansion of the pad. As soon as the crusher is installed, this material will be crushed--after screening and crushing tests are conducted.

I expressed to Dusty that I was very happy that things were going so well, but that I was not terribly impressed with anything that had been done since we discussed doing this in mid-August and nothing has been accomplished in a different way than what we had already discussed, except that it has been delayed for August, September, and October and will be getting underway approximately three months late after a lot of additional expenditure. He said that he agreed and recalled the specific day in mid- or latter August in which we had sat down and specifically layed out the plans such as they are presently being carried out. He agreed me entirely on this facit.

Dusty still expressed concern in that he has no operating funds whatsoever in the Tombstone account. He has to call New York for every dispursement of money and then Tom sends a check out which takes four to five days. In the meanwhile, nothing can be accomplished when the money is not there. I pointed out that this is an unbusiness-like manner to operate and that our basic expenses there were $300 a day and with the added personnel that they were probably more like $1000 a day. When delays for this reason cause holdup of the operation, obviously we are losing money at the rate of $1000 a day or whatever the overhead is. Dusty agreed with this entirely and said that the way to handle it would be to have a two signature check system in the Tombstone bank with $1000 to $2000 on hand at all times. When larger purchases or amounts were needed, Tom could handle those from New York or wire the money specifically into the account.

00-021/19

Consultants in:
• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
• interpretation-image processing
Worldwide Mobilization

1979 Price List
w/ St. Deal
rate @ $66/hr

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 23, 1979

Mr. Percy Griffin
President
Centurian Oil & Minerals
5555 Del Monte Drive
Suite 506
Houston, TX 77056

Re: Consulting Geology - Joe Escapule Fox Claims,
Tombstone Mining District, Cochise County, Arizona

Dear Mr. Griffin:

Thank you for your telephone call of Friday, October 19, 1979 regarding your interest in having me prepare a geologic report on the Fox Ranch Mining Claims owned by Joe Escapule of Tombstone.

I believe that this area has substantial potential for development of important silver reserves in a geologic environment similar to that of the Tombstone Basin (main part of the Tombstone District). The targets which I feel are important lie below and in somewhat different areas than what has been recognized by other workers. In other words, these targets are hidden targets related to geologic structures and features not exposed at the surface. However, they lie easily within economic mining depths considering current prices.

I would be happy to conduct a geologic investigation for you leading up to a meaningful drilling program. I would like to discuss my approach to a drilling program at some mutually convenient time. I am enclosing with this note a copy of Southwestern Exploration Associates, Inc. brochure, partial client list, and current price list for our services.

I look forward to working with you.

Very truly yours,

James A. Briscoe

JAB:cmd
encl.
P-03

957

4-18

RECEIVED OCT 22 1979

FAMCO / 1700 Broadway • New York, New York 10019 • (212) 247-0428

REVIEWED
OCT 22 1979
By

October 15th, 1979

Mr. James Briscoe
SOUTHWESTERN EXPLORATION ASSOC.
4500 E. Speedway
Suite 14
Tucson, Ariz. 85712

Dear Jim:

On September 26th, 1979 you send a check for $4,284.00 to John Dean. As I discussed with you while John Dean was present I had specifically indicated I had not approved that payment.

As you know, Dr. Dean has now cashed that check.

I have tried to reach you a number of times, but you have not returned my calls.

Very truly yours,

Thomas H. Schloss
Chairman of the Board

THS/avc

4-17

nsultants in:
• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
terpretation-image processing
Worldwide Mobilization

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 12, 1979

Mr. Tom Schloss
FAMCO
1700 Broadway, 22nd Floor
New York, N.Y. 10019

Dear Tom,

Enclosed please find the cash disbursements for the period covering 10/8/79 to 10/12/79, for the Tombstone Exploration - Main Account #955-16344.

Thank you,

Judy M. Urias

Judy M. Urias
Asst. Bookkeeper

/jmu
P-418
Encl.

955

P07 6193186

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	Mr. Tom Schloss		
STREET AND NO.	1700 Broadway		
P.O., STATE AND ZIP CODE	New York, NY		
POSTAGE			$.50
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		.80¢
OPTIONAL SERVICES	SPECIAL DELIVERY		¢
	RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	.45¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES			$2.05
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

PS Form 3811, Aug. 1978

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).
- ☒ Show to whom and date delivered ..... 45¢
- ☐ Show to whom, date, and address of delivery ..... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom and date delivered ..... ¢
- ☐ RESTRICTED DELIVERY
  Show to whom, date, and address of delivery ..... $

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Mr Tom Schloss
Fantco
1700 Broadway, 22nd Floor
New York NY 10019

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	6193186	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☐ Authorized agent

4. DATE OF DELIVERY
OCT 16 1979

POSTMARK
NEW YORK NY CITY
OCT 17 1979
USPS

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

☆ GPO: 1978-272-382

954

4-16

Consultants in:
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Worldwide Mobilization

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(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 11, 1979

Lem Robinson
Sales Manager
Modern Machinery Co., Inc.
1201 East Valencia Rd.
Tucson, AZ 85706

RE: RENTAL OF 515 INTERNATIONAL FRONT END LOADER BY TOMBSTONE EXPLORATION, INC. FROM MODERN MACHINERY CO., INC.

Dear Lem,

This letter is being written to inform you and your company that Southwestern exploration Associates, Inc., subsidiaries and other related corporations have not had, nor will in the future accept, any obligations, or responsibility for debts incurred by Tombstone Exploration, Inc. a Delaware Corporation.

We would, therefore, like it to be made perfectly clear, that as such, S.E.A., Inc., it's identities, other subsidiaries and employees have had no responsibilities toward rent or purchase of any equipment from your company. All past, present and future obligations, commitments, agreements, contracts, and understandings are between your firm and Tombstone Exploration, Inc., and are not to be construed, implied or suggested to be supported by, made by, or under guise of Southwestern Exploration Associates, Inc. its subsidiaries, related identities, or its employees.

Further monies due for rental, transportation charges, etc. should be invoiced to:

Tombstone Exploration, Inc.
P.O. Box 610
Tombstone, Arizona

953

Please indicate below, by your signature, Lem, that you have read and understand the preceding.

Respectfully submitted,

Thomas E. Waldrip Jr

Thomas E. Waldrip, Jr.
Land Division Manager

_____ _____

Lem Robinson
Sale Manager
Modern Machinery Co., Inc

Date

TEW:mfh
P-418

Please sign and return to Southwestern Exploration Associates, Inc.

TOMBSTONE EXPLORATION - MAIN ACCOUNT
Account [illegible]355-16344
Balance forward $2,813.28

DATE	PAID TO	PURPOSE	CHECK #	AMOUNT
10/8/79	Mine Safety Appliances Co. (P.O. 6429)	Equipment	1148	50.35
10/8/79		Deposit - Void check #1133		44.52
10/8/79	Roadway Express (P.O. 6458)	Freight	1149	71.09
10/9/79		VOID	1150	VOID
10/9/79		VOID	1151	VOID
10/9/79	Dustin Escapule	6 days for pick up @ $10.00/day	1152	60.00
10/9/79	Tombstone Exploration-Salary Account	To cover payroll	1153	1,350.00
10/9/79	Eldred Watterson	Expense reimbursement	1154	22.29
10/9/79	Thomas E. Waldrip, Jr.	Expense reimbursement Supplies & Xeroxing	1155	2.70
10/9/79	Apache Powder	Deposit refund		1,870.50
10/9/79		Deposit - Void check #1024		180.00
10/9/79		Deposit - wired into account		6,500.00
10/9/79		August banking charges		11.28
10/10/79	Susan L. Rue	Mileage Reimbursement-errand	1156	2.04
10/10/79	S.E.A. Inc.	Expense reimbursement (see attached)	1157	1,824.52
10/10/79	S.E.A. Inc.	Loan reimbursement	1158	600.00

REVIEWED
OCT 14 1979
BY

951

JAB, your copy

4-15

DATE	PAID TO	PURPOSE	CHECK #	AMOUNT
10/11/79		VOID	1159	VOID
10/11/79		Deposit - wired into account		11,000.00
10/11/79		VOID	1160	VOID
10/12/79	APS	Sept. electric bill	1161	88.06
10/12/79	Mountain bell	Phone bills for numbers: 457-3733, 457-3834, 457-3796	1162	196.76
10/12/79	Bureau of Geology & Mineral Technology, U. of A. (P.O. 5731)	Consulting & assay work	1163	137.54
10/12/79	S.E.A. Inc.	Partial payment for May, June, July and August Billings	1164	11,000.00
		BALANCE:		6,991.67
		Expenses:		
		Payroll: Week ending 10/19/79 (approx.) (Dusty & Eldred's wages)		560.00
		Martin Periotte wages 7 days @ 8hrs/day x $4.00/hr.		224.00
		Bill Henderson wages 7 days @ 8hrs/day x $4.00/hr.		224.00
		Day ppt. Plant Operator 7 days @ 8hrs/day x $4.00/hr.		224.00
		Steve Henderson 17 hrs @ $7.00/hr.		119.00
		Expenses for Dusty & Eldred (est.)		100.00
		Secretary 40hrs/week @ $4.00/hr. (est.)		160.00
		McKesson Chemical Co. (est.)		350.00
		Skyline Labs. Assay work (est.)		150.00
		AMOUNT REMAINING IN ACCOUNT AFTER EXPENSES:		4,880.67

REVIEWED
OCT 14 1979
BY

950

DAILY EXPENSES — P-418

1979. A B C D E F G H I J

LINE	DATE	BREAK-FAST	LUNCH	DINNER	ENTER-TAIN-MENT	TRAVEL	LODGING	AUTO RENTAL	GAS AUTO EXPENSE	SMALL CHANGE	MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/11	2.14	2.73	1.10			(15.25)					15.25	6.02
2	8/12	TUCSON											
3	8/13	TUCSON											
4	8/14	TUCSON											
5	8/15	TUCSON											
6	8/16	TUCSON									20.80		20.80
7	8/17		1.10	(7.15)							41.44	7.15	42.54
8	8/16										18.39		18.39
9	8/16										9.38		9.38
10	8/16										8.40		8.40
11	8/16										25.36		25.36
12	8/16										9.73		9.73
	TOTALS	2.19	3.83	8.25	—	—	15.25	—	—	—	133.50		
											TOTALS	22.40	140.62

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES 163.02

THOMAS E. WALDRIP JR

ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
1-F	Tombstone Motel	Lodging Apt. NOT READY	VISA	15.25
7-J	WOOLCO TUCSON	BARREL TEST SUPPLIES BABY TUBS	CASH	41.44
6-J	WALLY SEVITS	3/8" plastic TUBING FOR BARREL TESTS	CASH	20.80
9-J	BEARS	Electrical TAPE - EXTENTION CORDS	P-CHECK	9.38
10-J	Fed MART	PLASTIC TUBS - TRASH CANS		
11-J	Fed MART	PLASTIC LAB SUPPLIES - DISH HOLDERS & PANS	P-VISA	25.36
12 J	WARDS	PLASTIC BABY BATH TUBS	Per. Check	9.73
8-J	Do it Yourself	Electrical EXT. CORDS & PLUGS	Per VISA	18.39

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, BA–BANKAMERICARD, CB–CARTE BLANCHE, DC–DINERS CLUB, MC–MASTER CHARGE

PLASTIC - TUBS FOR CLEAN-UP OF GLASS WARE P-418 CASH

10-J

8-17-79
Check # 1075
4 baby BATH TUBS
5 LARGE TRASH CANS
for BARREL Test operations
P-418

7-J

WOOLCO DEPT STORES
2 113 8 58
2 113 6 66
5 220 23 85
2 35 TX
41 44
08 17 564 6231
THANK YOU 30

REVIEWED
OCT 14 1979
BY

949

6-5

WALLY SEVITS Refrigeration

CUSTOMER'S ORDER NO. | DATE 8/16 1979

NAME Master Charge

ADDRESS Tom Waldrip

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT
WH						

QUAN	DESCRIPTION	PRICE	AMOUNT
100'	3/8 tubing		19 62
P-418	Tubing for barrel tests		
CASH			
TEW's VISA			
CARD - Receipt # 5814257			
		TAX	1 18
		TOTAL	20.80

ALL CLAIMS AND RETURNED GOODS MUST BE ACCOMPANIED BY THIS BILL.

21101 REC'D BY

5R 523 Rediforms

5287 07 642 670114 5814257

1091 VNB 07/80
THOMAS E WALDRIP JR

8-16-79

WALLY SEVITS E SPEEDWAY
REFRIGERATION TUCN AZ
62106687 51127157

THIS FORM TO BE USED WITH

SALES DRAFT	SEND	TAKE	DEPARTMENT	CHECK NO./SALES NO.	AUTOMOBILE LICENSE NO.	STATE	INITIALS

QUAN.	CLASS	DESCRIPTION	UNIT COST	AMOUNT
100		Tubing 3/8		19 62
			SUB TOTAL	
			TAX	1 18
			TIPS	
			TOTAL	20 80

8/16/79 DATE | AUTHORIZATION CODE

I AGREE TO PAY TO THE BANK WHICH ISSUED THE CARD USED BY ME THE TOTAL AMOUNT SHOWN HEREON, TOGETHER WITH THE FINANCE CHARGE SET BY SUCH BANK, IN ACCORDANCE WITH THE CARDHOLDER AGREEMENT GOVERNING USE OF MY CARD.

X

P-418 Barrel Test Supplies

RETAIN THIS COPY FOR STATEMENT VERIFICATION

REVIEWED
OCT 14 1979
BY

948

P-418 CHARGE CARD 11-5

07 642 670117 5505364

91 VNB 07/80
AS E WALDRIP JR

Personel CARD

MART #947
BROADWAY
SON AZ 85713 333
4073..28 401BA

STIC GARBAGE
ish STRAINER for
E LAB SUPPLIES

AUTH. NO.	DATE MO. 8 DAY 16 YR. 79	DEPT. 25	INITIALS 06

QUAN.	CLASS	DESCRIPTION	UNIT COST	AMOUNT
		Merchandise		25

The issuer of the card identified on this more is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL together with any other charges due thereon subject to and in accordance with the agreement governing the use of such card.

SUB TOTAL

SIGN HERE X Thomas E Waldrip

TAX

SALES SLIP

TOTAL 25

AMERICA™ IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS

VISA OR

07 642 670114 5526902

VNB 07/80
E WALDRIP JR

8-5

8-5

-YOURSELF INC
N DODGE BLVD
N AZ 51226389
389

SALES DRAFT	DEPARTMENT	AUTOMOBILE LICENSE NO.	INITIALS
SEND TAKE	CHECK NO./SALES NO.	STATE	

QUAN.	CLASS	DESCRIPTION	UNIT COST	AMOUNT
				17 35
			SUB TOTAL	17 35
			TAX	1 04
			TIPS	
			TOTAL	18 39

8/16/79
DATE AUTHORIZATION CODE

THIS FORM TO BE USED WITH master charge OR VISA

I AGREE TO PAY TO THE BANK WHICH ISSUED THE CARD USED BY ME THE TOTAL AMOUNT SHOWN HEREON, TOGETHER WITH THE FINANCE CHARGE SET BY SUCH BANK, IN ACCORDANCE WITH THE CARDHOLDER AGREEMENT GOVERNING USE OF MY CARD.

X

RETAIN THIS COPY FOR STATEMENT VERIFICATION

8-5

6-14-79
1001
14
025
4X 11.50
5
1.05
4X 5.45
17.35
1.04
18.39T
18.39C
9841

MC

P-418 Electrical (28)
Plugs extention cords (7)

Personal check
1074
P-418
BABY BATH TUBS (12-5)

Barrel
Test
Supplies

8-16-79

REVIEWED
OCT 14 1979
BY

947

Receipt AT SEARS
P-418 Check #1073
TEW's ACCT. 8/16/79

$9.38

FOR (2) EXTENTION
cords, (2) plugs, (1) electrical
roll of tape.

9-J

REVIEWED
OCT 14 1979
BY

P-418

DAILY EXPENSES

1979

LINE	DATE	A BREAKFAST	B LUNCH	C DINNER	D ENTERTAINMENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/22			JAB			JAB						
2	23	1.31	JAB	JAB			JAB						1.31
3	24	1.42	2.[illegible]	JAB			JAB				3.07		6.61
4	25	1.31	JAB				JAB						1.31
5	26	2.59	JAB	TEW			JAB						2.59
6	27	2.10	2.98	TEW			TEW						5.08
7	28	3.00	9.25										12.25
8													
9													
10													
11													
12													
	TOTALS	11.73	14.35	—			—				3.07	TOTALS	29.15

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES 29.15

BIANKENSHIP

ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
3J	®	Groceries for JCB	Cash	3.07
7B	OK Corral Cafe	Lunch for JCB, JDK, TEW	Cash	9.25

Approved 8/29/79 for

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, CB–CARTE BLANCHE, MC–MASTER CHARGE BA–BANKAMERICARD, DC–DINERS CLUB,

REVIEWED

OCT 14 1979

BY

945

LINE	DATE	A BREAK-FAST	B LUNCH	C DINNER	D ENTER-TAIN-MENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/2		2.27										2.27
2	8/8		3.54							1.67			5.21
3	8/9		6.50	18.70								6.50	18.70
4	8/10	3.84		21.65								21.65	3.84
5	8/11	3.25	3.88	10.53								10.53	7.13
6	8/12		1.37										1.37
7	8/15	3.45	10.00	23.06			14.70			2.32	9.52	47.28	15.77
8	8/16	6.35	12.31				14.70			1.00		14.70	19.66
9	8/17										6.19		6.19
10	8/18			12.80								12.80	
11	8/19	2.80	29.49							1.40		24.49	4.20
12													
	TOTALS	19.69	69.31	86.74			29.40			6.39	15.71		
											TOTALS	137.90	84.34

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES $222.24

James A. Briscoe

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
3C		dinner for crew	Cash	18.70
4C	Wagon Wheel	" " "	Visa	21.65
7C	"	" JAB, BMP + JDK	Visa	23.06
7J	Fotworth-Killen	paint for samples	"	9.52
8B	Circle K	lunch JAB, BMP + JDK	Cash	12.31
11B	Wagon Wheel	" " TEW + Mr + Mrs Robb	Visa	24.49
9J	Benson Veg. Store	groceries	Cash	6.19
10C	Wagon Wheel	dinner JAB + TEW	Visa	12.80

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, CB–CARTE BLANCHE, MC–MASTER CHARGE, BA–BANKAMERICARD, DC–DINERS CLUB,

4751 090 280 391 5549429

10/78 11/79 BNG

SEA INC

WAGON WHEEL

081979

TOMBSTONE

5.21004254 AZ

SALES DRAFT

DEPARTMENT 1

AUTOMOBILE LICENSE NO.

INITIALS

SEND TAKE

CHECK NO./SALES NO. 1/0 7

STATE

QUAN.	CLASS	DESCRIPTION	UNIT COST	AMOUNT
			SUB TOTAL	
			TAX	
			TIPS	3.45
			TOTAL	24.44

DATE AUTHORIZATION CODE

I AGREE TO PAY TO THE BANK WHICH ISSUED THE CARD USED BY ME THE TOTAL AMOUNT SHOWN HEREON, TOGETHER WITH THE FINANCE CHARGE SET BY SUCH BANK, IN ACCORDANCE WITH THE CARDHOLDER AGREEMENT GOVERNING USE OF MY CARD.

X J. J. [illegible]

THIS FORM TO BE USED WITH master charge OR VISA

CARDHOLDER COPY

REVIEWED

OCT 14 1979

BY [illegible]

P 418 Lunch JAB, TEW & Mr & Mrs Robb

RETAIN THIS COPY FOR STATEMENT VERIFICATION

944

DAILY EXPENSES

(ENCIRCLE ITEMS CHARGED DIRECTLY TO COMPANY – THEN SUMMARIZE HERE)

418

LINE	DATE	A BREAKFAST	B LUNCH	C DINNER	D ENTERTAINMENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/22			12.00						1.68	8.46	12.00	10.14
2	8/23	2.10	6.90	17.53							3.82	28.25	2.10
3	8/24	3.20	2.14							2.59			7.93
4	8/25	3.29	14.86	9.22			14.70					38.78	3.29
5	8/26		11.74				147.75				11.83	159.49	11.83
6													
7													
8													
9													
10													
11													
12													
TOTALS		8.59	35.64	38.75			162.45			4.27	24.11		

TOTALS 238.52 35.29

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

James A. Busroe

TOTAL EXPENSES $ 273.81

ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
1C	Wagon Wheel	JAB + J. Blanchenship	Visa	12.00
2C	"	" "	"	17.53
1J	Circle K	light bulbs	Cash	8.46
2J	Fotworth-Killen	paint for samples	Visa	3.82
4B	Wagon Wheel	JAB + JB	Visa	14.86
5F	Tombstone Motel	Rooms for JB + JK 5 nights each	Visa	147.75
5J	Circle K	Cleaning supplies for apartment	Cash	11.83

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, BA–BANKAMERICARD, CB–CARTE BLANCHE, DC–DINERS CLUB, MC–MASTER CHARGE

✓

4751 090 280 391 5938003

10/78 11/79 BWG

SEA INC

TOMBSTONE MOTEL
502 E FREMONT
TOMBSTONE AZ 50323414

457-3478

DATE	AUTH. NO.	IDENTIFICATION	CLERK	REG./DEPT.	TAKE ☐ SEND ☐
8/26/79					

QUAN.	DESCRIPTION	UNIT COST	AMOUNT
	Motel Room		
	P-148		
	(To cover Previous Nights)		
		SUB-TOTAL	
		TIPS	
		TAX ▶	
	SALES SLIP	TOTAL ▶	147.75

AUTO LICENSE NO. STATE

The bearer of the card identified on this item is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the agreement governing the use of such card.

PURCHASER SIGN HERE

X James A. Busroe

BANKCARD SALES SLIP
CARDHOLDER COPY

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS

REVIEWED
OCT 14 1979
BY

943

P-418

DAILY EXPENSES

LINE	DATE	A BREAKFAST	B LUNCH	C DINNER	D ENTERTAINMENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/22		3.30	7.41								7.41	3.30
2	8/23	2.63	7.32	10.65	3.00					3.18	.55	13.97	9.36
3	8/24	2.64	2.80	9.60						.75	2.89	12.49	6.19
4	8/25	2.90		9.55						.55	3.33	9.55	6.78
5	8/26	3.00	4.10	11.07						.60		15.17	3.60
6	8/27	2.80	2.83				JAB ~~57.75~~			.55			6.18
7	8/28	TEW ~~2.75~~	JCB ~~2.75~~				TEW ~~2.45~~			.55			.55
8													
9													
10													
11													
12													
TOTALS		13.97	11.35	48.28						6.18	6.77		
											TOTALS	58.59	35.96

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES 94.55

J.D. KASPROWICZ

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
1B	Dairy Queen	Milkshake for JDK JCB TEW in [illegible]	cash	3.30
2A	OK Corral	Breakfast	cash	2.63
2I	Circle K	Drinks, Gatorade for field	cash	3.18
2J	Tombstone Motel	Ice	cash	.55
3A	OK Corral	Breakfast	cash	2.64
3B	OK Corral	Lunch	cash	2.80
3I	Circle K	Ice	cash	.75
1B	Wagon Wheel	Lunch	charge	7.32
1C	Wagon Wheel	Dinner	charge	7.41
2C	Wagon Wheel	Dinner	charge	10.65
3C	Wagon Wheel	Dinner	charge	9.60
3J	Fast[illegible] Supply	[illegible]	charge	2.89
4A	OK Corral Shop	Breakfast	cash	2.90
4C	Wagon Wheel	Dinner	charge	9.55

✓ 8/29/79 tom ok

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, CB–CARTE BLANCHE, MC–MASTER CHARGE, BA–BANKAMERICARD, DC–DINERS CLUB,

or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
4I	Tombstone Motel	Ice	cash	.55
4J	Circle K	Drinks for field – Gatorade	cash	3.33
5A	OK Corral	Breakfast	cash	3.00
5B	Wagon Wheel	Lunch	charge	4.10
5C	Wagon Wheel	Dinner	charge	11.07
5I	[illegible]	[illegible]	cash	.60
6A	OK Corral	Breakfast	cash	2.80
6B	OK Corral	Lunch	cash	2.83
6I	Tombstone Motel	Ice	cash	.55
7I	Tombstone Motel	Ice	cash	.55
2D	Wagon Wheel	Entertainment	cash	3.00
7A	OK Corral	Breakfast – Payed by TEW	cash	2.75
7B	OK Corral	Lunch – Payed by JCB	cash	2.75
6F	Tombstone Motel	Lodging, Payed by JAB (Visa)	charge	57.75
7F	Tombstone Motel	Lodging, Payed by TEW (Visa)	charge	2.45

✓ [illegible] 8/29/79

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, CB–CARTE BLANCHE, MC–MASTER CHARGE, BA–BANKAMERICARD, DC–DINERS CLUB

REVIEWED OCT 14 1979 BY [illegible]

942

3T

8/24/79

DELIVERY RECEIPT

Foxworth-Killen Supply Company
Building Materials Center

FOXWORTH GALBRAITH

720 E. Fremont St.
Phone Arizona 85638

D-418

197

Job

Terms P. O. No.

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	1	Cam Unit				2 25
2						1 41
3						
4					1	2 5
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Jim ✓ 8/29/79

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	
SALES TAX	
DELIVERY CHARGE	
TOTAL	

Received by

Del'd by

FORM 45B

No. 16959

REVIEWED
OCT 14 1979
By

941

28 Breakfast

Date 8/23 19 79

M

No.

Reg. No. Clerk ACCOUNT FORWARDED

1				
2				
3	Bkf		2	38
4				
5		T.P		25¢
6				
7				
8		Total	2	63
9				
10				✓
11	P-418			
12				
13				
14				
15	28			

① Your account stated to date. If error is found, return at once. Tom 8/29/79

30

Date 8/24 19 79

M

No.

Reg. No. Clerk ACCOUNT FORWARDED

1				
2				
3	Bkf			64
4				
5				
6				
7				
8	P-418			
9				
10				✓
11				
12				
13				
14				
15	30			

① Your account stated to date. If error is found, return at once. Tom 8/29/79

21

Drinks for field & snack

P-418

Tom 8/29/79

Drinks & Snack for field

P-418

Tom 8/29/79

REVIEWED

OCT 14 1979

BY

940

DAILY EXPENSES

(ENCIRCLE ITEMS CHARGED DIRECTLY TO COMPANY – THEN SUMMARIZE HERE)

418

LINE	DATE	A BREAK-FAST	B LUNCH	C DINNER	D ENTER-TAIN-MENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	3/1			(12.48)								12.48	
2	3/6			(19.86)								19.86	
3	3/7			(33.14)								33.14	
4	3/28			11.60									11.60
5	3/31	(6.23)		(8.92)								15.15	
6	4/8						(24.08)					24.08	
7	4/26		14.30										14.30
8													
9													
10													
11													
12													
TOTALS		6.23	14.30	86.00			24.08					104.71	25.90

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTALS 104.71 25.90

TOTAL EXPENSES 130.61

LINE REF.	ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
1C	Sneaky Pete's	JAB + RFH meeting	Visa	12.48
2C	Sunrise Athletic Club	JAB + TS "	"	19.86
3C	Pebina Mardian	JAB, TS + RFH "	"	33.14
5	Sandy's Mpeayo LV	JAB + DL "	V+AE	15.15
6F	Ambassador Inn	lodging - Tucson business called in from field	Visa	24.08
7B	Mplrisa	Lunch meeting JAB + RFH	Check	14.00

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS: AE–AMERICAN EXPRESS, BA–BANKAMERICARD, CB–CARTE BLANCHE, DC–DINERS CLUB, MC–MASTER CHARGE

REVIEWED

OCT 14 1979

BY

939

~~211~~ [illegible] ARISOCE, LA ES 4/5 4/9 | IN | OUT

96027

ROOM | LAST | FIRST | INITIAL

22.50 | 4500 E. Speedway #14

RATE | STREET

rjh | Tucson, Az. 85712

ROOM CLERK | CITY | STATE

Ambassador Inns of America, Inc.
4425 E. 22nd ST.
TUCSON, ARIZONA 85711
PHONE: (602) 881-5000

DATE	SYMBOLS	CHARGES	CREDITS	BALANCE	PICK-UP
APR -5C ROOM	1111	22.50			
APR -5C TAX	1111	1.58		* 24.08 *	* 24.08
APR -6C ROOM	322	22.50			
APR -6C TAX	322	1.58		* 48.16 *	* 48.16
APR -7C ROOM	1213	22.50			
APR -7C TAX	1213	1.58		* 72.24 *	* 72.24
APR -9C ROOM	1210	22.50			
APR -9C TAX	1213	1.58		* 96.32 *	
AM Exp			96.32	~~[illegible]~~	

P.O.

P700 3days
P418 1day

1213

~~[illegible]~~

PAY LAST AMOUNT SHOWN IN THIS COLUMN

Ambassador Inns of America, Inc.
4425 E. 22nd ST.
TUCSON, ARIZONA 85711
PHONE: (602) 881-5000

22.50
1.58
24.08

REVIEWED
OCT 14 1979
By [illegible]

938

DAILY EXPENSES

(ENCIRCLE ITEMS CHARGED DIRECTLY TO COMPANY – THEN SUMMARIZE HERE) 418

LINE	DATE	A BREAK-FAST	B LUNCH	C DINNER	D ENTER-TAIN-MENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	5/1		7.89									7.89	
2	5/22										5.00		5.00
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
	TOTALS										TOTALS		

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

James A. Buscol

TOTAL EXPENSES 12.89

ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES

LINE REF.	PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
1B	Peking Mandarin	Kittle + JAB	Visa	7.89
2T	Secretary Hilton	typing service in L.A.	Cash	5.00

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, CB–CARTE BLANCHE, MC–MASTER CHARGE BA–BANKAMERICARD, DC–DINERS CLUB,

REVIEWED

OCT 14 1979

By JMB

937

DAILY EXPENSES FY79 — P-418

LINE	DATE	A BREAK-FAST	B LUNCH	C DINNER	D ENTER-TAIN-MENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/25	3.00	JAB				JAB				(152.31)	152.31	3.00
2	8/26	4.50	(4.03)	(10.40)						1.10		14.43	5.60
3	8/27	3.40	2.90	(21.00)						.70¢	121.70	21.00	128.70
4	8/28	5.25	JCB				18.90			.72¢	(36.00)	36.00	24.87
5	8/29		OFFICE										
6	8/30		OFFICE										
7	8/31		OFFICE										
8													
9	8-27.										9.25		9.25
10	8-27										(32.26)	32.26	
11													
12													
	TOTALS	16.15	6.93	31.40	—	—	18.90	—	—	2.52	351.52		
											TOTALS	256.00	171.42

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES 427.42

Thomas E. WALDRIP JR

LINE REF.	ENTERTAINMENT and/or DETAILS OF EXPENSES — DETAIL HERE AND LIST IN DAILY EXPENSES PAID TO	FOR — WHO, WHAT, WHERE	HOW PAID	AMOUNT
3-J	Foxworth Lumber Co.	Pipe PVC. fiHings misc. Pers.	VISA	121.70
9-J	MARKET SPOT	Misc. SUPPLIES - PAPER TOWELS, CHLOREX SOAPS	CASH	9.25
4-J	Foxworth Lumber Co	Keys, Screws, MOLYBOLTS, - 3 receipts SWITCH COVERS, PVC. PIPE FITTINGS	VISA	36.00
10-J	Foxworth Lumber Co.	P.V.C. Pipe fiHings	VISA	32.26
1-J	Foxworth Lumber Co.	Fittings - Joints ½" PVC. LUMBER FOR BENCH BARREL TESTS 2 receipts	VISA	152.31
3-C	DINNER JCB JDK & TEW		VISA	21.00
4-F	Tombstone Motel	JCB & JDK Personel VISA comp card?		18.90

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE—AMERICAN EXPRESS, CB—CARTE BLANCHE, MC—MASTER CHARGE BA—BANKAMERICARD, DC—DINERS CLUB,

5593919

Personel CARD

3-J

DATE	AUTH. NO.	IDENTIFICATION	CLERK	REG/DEPT.	☐ TAKE ☐ SEND
8/27/79	00653				

PLAN	CLASS	DESCRIPTION	UNIT COST	AMOUNT
		Mdse # 17051		98 03
		" # 17055		13 35
		" # 17060		3 44
			SUB TOTAL	114 82
			TAX	6 88
			TIPS MISC.	
			TOTAL	121 70

The bearer of the card identified on this slip is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the Agreement governing the use of such card.

CUSTOMER SIGNATURE X Thomas E. Waldrip

AUTOMOBILE LICENSE NO. STATE

SALES SLIP

THIS FORM TO BE USED WITH MasterCharge OR VISA

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS

CUSTOMER COPY

see list for supplies

My account P-418

REVIEWED

OCT 14 1979

By

936

DELIVERY RECEIPT

Foxworth-Killen Supply Company
Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638

8/22 197 9

P-418

Sold To 3-5 Ch/ Sd

Address 3 Job SFA

Terms P. O. No.

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	2	Yd. #6 Base			65	1 30
2	1	silicone seal				2 49
3	1	Pvc cover				4 99
4	1	10' x 100'				14 95
5	4	1/2 Male adp PVC				1 04
6	4	1 1/2 90 PVC				3 60
7	2	1 1/2 x 1" PVC Bush				1 44
8	6	1 1/2 Couplg				2 76
9	6	1" Male adp PVC				2 40
10	6	1" PVC SCH40 x 20'	120			31 20
11	12	1" Tee PVC SCH40				6 00
12	12	1" x 1/2 Bush				5 40
13	2	4" 45 PVC SCH40				14 26
14	4	2" Couplg Foam			85	1 70
15	10	Hose Valves			45	4 50

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	98 03
SALES TAX 12	5 88
DELIVERY CHARGE	
TOTAL	103 91

Received by

Del'd by

FORM 45B

No. 17051

REVIEWED
OCT 14 1979
BY

935

DELIVERY RECEIPT

FOXWORTH GALBRAITH

Foxworth-Killen Supply Company
Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638 8/22 1979

P-418
3-3

Sold To Cook

Address _____ Job _____

Terms _____ P. O. No. _____

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT	
1	2	Male adp insert			89	1	78
2	2	2" female adp				1	66
3							
4						3	44
5							
6							20
7					9¢		64
8						3	
9							
10							
11							
12							
13							
14							
15							

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL		
SALES TAX		
DELIVERY CHARGE		
TOTAL		

Received by _____

Del'd by _____

FORM 45B

No. 17060

REVIEWED
OCT 14 1979
By

934

DELIVERY RECEIPT

FOXWORTH GALBRAITH

Foxworth-Killen Supply Company
Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638

8/27 19 79

P-418
3-5

Sold To

Address Job SEA

Terms P. O. No.

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	1	¼ drill Bit				1.65
2	2	2x6 Tr Pl				70
3	4	12' Ex Cond			11.65	6 60
4	5	2" Sash			.88	4 40
5						
6						
7						13 75
8						40
9						
10						1
11						14.
12						
13						
14						
15						

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	
SALES TAX	
DELIVERY CHARGE	
TOTAL	

Received by

Del'd by

FORM 45B

No. 17055

REVIEWED
OCT 14 1979
By

933

DELIVERY RECEIPT

FOXWORTH GALBRAITH

Foxworth-Killen Supply Company
Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638

8/28 19 9

4-J

Sold To Ed S

Address _____ Job _____

Terms _____ P. O. No. _____

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	4	Plastic				100
2	18	Asbestos			12	216
3	18	Scrim				54
4	18	Vinyl				10
5	2	Backing				144
6	2	1" mil Adh				50
7						
8						
9						601
10						24
11					15	
12						28
13					6	
14						
15						

P-418

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	
SALES TAX	
DELIVERY CHARGE	
TOTAL	

Received by _____

Del'd by _____

FORM 45B

No. 17108

REVIEWED
OCT 14 1979
By JTB

932

DELIVERY RECEIPT

FOXWORTH GALBRAITH

Foxworth-Killen Supply Company

Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638

10/8 197 7

Sold To HJ Call SO

Address _____ Job SE 17

Terms _____ P. O. No. _____

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	2	2" Bush				1 44
2	2	1" Elbow				1 32
3	10	Ft				6 00
4	1	4" Tee P.V.C				9 25
5						
6						18 01
7						
8					P	1 08
9						1 09
10						17
11						
12						
13						
14						
15						

D-418

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	
SALES TAX	
DELIVERY CHARGE	
TOTAL	

Received by _____

Del'd by _____

FORM 45B

No. 17121

REVIEWED
OCT 14 1979
By [illegible]

931

DELIVERY RECEIPT

FOXWORTH GALBRAITH

Foxworth-Killen Supply Company

Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638

4-5

9/28 197?

Sold To

Address Job

Terms P. O. No.

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	2	2" [illegible]			90	1 80
2	2	2" Tee				3 40
3	4	2" Bush				7 48
4	2	1½" [illegible]				1 20
5	3'	Pipe				75
6						
7						10 03
8						60
9						63
10					10	
11						
12						
13						
14						
15						

P. 417

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	
SALES TAX	
DELIVERY CHARGE	
TOTAL	

Received by

Del'd by

FORM 45B

No. 17093

REVIEWED
OCT 14 1979
By

930

DELIVERY RECEIPT

Foxworth-Killen Supply Company

Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638

8/27 19 7C

P-418

Sold To Cal Ranch

Address _____ Job _____

Terms _____ P. O. No. _____

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT
1	4	½ x 4" Mach Bolts				1 52
2	8	½ Flat washers				32
3	1	½ drill Bit				5 85
4	6	2" cap PVC				3 72
5	6	1" cap PVC				2 40
6	6	1" x 1" coupling PVC				1 50
7	12	½ male adp				7 92
8	4	4" coupling				9 60
9	12	½ Female				3 12
10						
11						
12						30 43
13						1 83
14						26
15						32

10-5
P-418

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL	
SALES TAX	
DELIVERY CHARGE	
TOTAL	

Received by _____

Del'd by _____

FORM 45B

No. 17065

REVIEWED
OCT 14 1979
By

929

.4750 642 670 J17 5938005

07/80 BNG

THOMAS E WALDRIP JR

For NIGHT OF

TOMBSTONE MOTEL
502 E FREMONT
TOMBSTONE AZ 50323414

P-418 8/27/79
Motel Room - JCB JDK
COMPANY ACCT. OVER DRAWN

DATE	AUTH. NO.	IDENTIFICATION	CLERK	REG./DEPT.	TAKE / SEND

QUAN.	DESCRIPTION	UNIT COST	AMOUNT

AUTO LICENSE NO. | STATE

SUB-TOTAL

The issuer of the card identified on this item is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the agreement governing the use of such card.

TIPS

PURCHASER SIGN HERE
X

TAX

SALES SLIP

TOTAL 18 90

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS

MARKET SPOT
TOMBSTONE, AZ.

8/27/79
CASH (9-5)
Misc. Supplies

P418

T *	0 95		-
T *	0 95		-
T *	0 95		-
T *	0 58		-
T *	0 58		-
T *	0 99		-
T *	0 99		-
T *	0 95		-
T *	0 89		-
T *	0 77		-
T *	0 18	TX 3	-
* *	0 47		*
A * 069	9 25	T	*
A * 069	10 00	CSH TND	*
A * 069	0 75	CNG	*
* 0000	8/27/79		*

REVIEWED
OCT 14 1979
By

928

DAILY EXPENSES

(ENCIRCLE ITEMS CHARGED DIRECTLY TO COMPANY – THEN SUMMARIZE HERE) ▼ 418

LINE	DATE	A BREAK-FAST	B LUNCH	C DINNER	D ENTER-TAIN-MENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	4/19						(18.90)					18.90	
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
	TOTALS												
											TOTALS	18.90	

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

James A. Briscoe

TOTAL EXPENSES $ 18.90

LINE REF.	ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
1F	Lookout Lodge	Tombstone	Visa	18.90

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS: AE–AMERICAN EXPRESS, BA–BANKAMERICARD, CB–CARTE BLANCHE, DC–DINERS CLUB, MC–MASTER CHARGE

REVIEWED

OCT 14 1979

By

927

DAILY EXPENSES

(ENCIRCLE ITEMS CHARGED DIRECTLY TO COMPANY – THEN SUMMARIZE HERE) P-418

1979

LINE	DATE	A BREAK-FAST	B LUNCH	C DINNER	D ENTER-TAIN-MENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/18	2.95	2.73	JAB									5.68
2	8/19	2.10	JAB	1.10						.84			4.04
3	8/20	OFFICE TUCSON								2.65			2.65
4	8/21	OFFICE TUCSON											
5	8/22		2.29	(6.37)							11.83	6.37	14.12
6	8/23	2.05	(2.99	6.58)						1.80		9.57	3.85
7	8/24	2.85	2.25	(13.12)						2.85		13.12	7.95
8													
9													
10													
11													
12													
	TOTALS	9.95	10.26	27.17	—	—	—	—	—	8.14	11.83		
											TOTALS	29.06	38.29

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES 67.35

Thomas E. Waldrip Jr

LINE REF.	ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
3-I	Super City Tucson	OFFICE SUPPLIES & PENS FOR OFFICE	CASH	2.65
5-J	IRRIGATION SUPPLY	RISERS, COUPLERS, TEFLON TAPE	CASH	11.83

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, BA–BANKAMERICARD, CB–CARTE BLANCHE, DC–DINERS CLUB, MC–MASTER CHARGE

REVIEWED

OCT 14 1979

By

926

INVOICE

IRRIGATION & SPRINKLER SUPPLY

2130 EAST 12th STREET • TUCSON, ARIZONA 85719 • PHONE 792-4652

SOLD TO
[illegible] WALDRIP

SHIPPED TO
[illegible] 1977

cash

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
8-22-77						85904

QUANTITY ORDERED	QUANTITY SHIPPED	DESCRIPTION	PRICE	DISCOUNT AMOUNT	AMOUNT
1		[illegible]	—	—	—
17	17	½ x 12' PVC [illegible]	40	[illegible]	6 80
17	17	½ [illegible] PVC T T	18	1	3 06
1	1	[illegible]	1 [illegible]	1	1 [illegible]

check 1077
TENS
P-418

1% handling charge on returned goods. Permission required. Past due accounts subject to an interest charge of 1½% per month. If legal action is required in the collection of this invoice, legal rate of interest, court costs and attorney fees will be added.

TOTAL	11 16
TAX	
FINAL TOTAL	

REVIEWED
OCT 14 197[illegible]
By [illegible]

925

1979 · P-410

LINE	DATE	A BREAKFAST	B LUNCH	C DINNER	D ENTERTAINMENT	E TRAVEL	F LODGING	G AUTO RENTAL	H GAS AUTO EXPENSE	I SMALL CHANGE	J MISC.	CHARGE CO.	CHARGED TO ME OR CASH
1	8/4	OFFICE										—	—
2	8/5	OFFICE										—	—
3	8/6	OFFICE										—	—
4	8/7	OFFICE										—	—
5	8/8	JAB										—	—
6	8/9		1.10	(19.82)			(18.90)				(14.73)	53.45	1.10
7	8/10	2.95	JAB	JAB			(18.90)			8.27	(9.82)	28.72	11.22
8												—	—
9	8-10										(14.49)	14.49	
10													
11													
12													
	TOTALS	2.95	1.10	19.82	—	—	37.80	—	—	8.27	39.04		
												TOTALS	96.66	12.32

NOTE: Attach bills and evidence of payment for (1) all lodging regardless of cost, (2) all travel expenditures of $25 or more, except in the case of those transportation charges for which a receipt is not readily available; and (3) all entertainment expenditures of $25 or more.

TOTAL EXPENSES 108.98

Thomas E. WALDRIP JR

LINE REF.	ENTERTAINMENT and/or DETAILS OF EXPENSES – DETAIL HERE AND LIST IN DAILY EXPENSES PAID TO	FOR – WHO, WHAT, WHERE	HOW PAID	AMOUNT
7-F				
6-F	TOMBSTONE MOTEL	LODGING JAB & TEN APT NOT READY	VISA	37.80
7-J	Foxworth Lumb. Co.	Broom to clean 71 mm Build	VISA	9.82
7-I	Market Spot Tombstone	Soap, Paper towels misc supplies	CASH	8.27
6-J	DIAMOND X HARDWARE	Pitch Fork	VISA	14.73
9-J	Foxworth Lumb. Co.	Hoses, Spray Nozzels	VISA	14.49

NOTE: If business discussion was held directly preceding or following entertainment, indicate the nature, date and duration of the business discussion, where it took place, and identify the person entertained who also participated in the business discussion.

CREDIT CARDS. AE–AMERICAN EXPRESS, CB–CARTE BLANCHE, MC–MASTER CHARGE BA–BANKAMERICARD, DC–DINERS CLUB,

6-C

8-9-77

5711761

DATE		AUTH. NO.	IDENTIFICATION	CLERK	REG/DEPT.	☐ TAKE ☐ SEND
QUAN	CLASS	DESCRIPTION		UNIT COST	AMOUNT	
		Fork			19	82

The issuer of the card identified on this item is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the Agreement governing the use of such card.

SUB TOTAL

CUSTOMER SIGNATURE X Thomas E. Waldrip JR

TAX

AUTOMOBILE LICENSE NO. STATE

TIPS MISC

SALES SLIP

TOTAL 19 82

CUSTOMER COPY

THIS FORM TO BE USED WITH master charge OR VISA

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS

P-418 Dusty his wife & TEN

REVIEWED

OCT 14 197

BY

924

DELIVERY RECEIPT

FOXWORTH GALBRAITH

Foxworth-Killen Supply Company
Building Materials Center

720 E. Fremont St.
Phone 457-3452
Tombstone, Arizona 85638 8/10 1979

9-J

Sold To ____

Address ____ Job ____

Terms ____ P. O. No. ____

CLAIMS FOR SHORTAGE MUST BE MADE UPON RECEIPT OF GOODS. RETURNS SUBJECT TO APPROVAL AND HANDLING CHARGES.

	QUANTITY	SIZE AND DESCRIPTION			PRICE	AMOUNT	
1	1	Spr Nozzle				3	19
2	2	Hose			5.25	10	50
3						13	69
4							80
5							
6							
7						14	49
8		P-418					
9							
10							
11							
12							
13							
14							
15							

UNLESS OTHER WRITTEN CREDIT TERMS ARE ARRANGED, THIS ACCOUNT IS DUE THE FIRST OF MONTH FOLLOWING DATE OF PURCHASE.

SUB TOTAL

SALES TAX

1

9-J

4751 070 257 369

10/76 09/79 BHG

SEA INC

FOXWORTH KILLEN SUPPLY

P O BOX 646 TOMBST

5593909

DATE	AUTH. NO.	IDENTIFICATION	CLERK	REG/DEPT.	☐ TAKE ☐ SEND
8/10/79					

QUAN.	CLASS	DESCRIPTION	UNIT COST	AMOUNT	
		Mdse TKT # 16437		13	69

The Issuer of the card identified on this item is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the Agreement governing the use of such card.

SUB TOTAL 13 69

CUSTOMER SIGNATURE X Thomas E. Webb

TAX 80

AUTOMOBILE LICENSE NO. STATE

TIPS MISC.

THIS FORM TO BE USED WITH master charge or VISA

SALES SLIP

TOTAL 14 49

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS

CUSTOMER COPY

P-418 Supplies.

REVIEWED
OCT 14 1979
By

923

CASH

7-I

soap, mop, paper towels
toilet paper. misc. cleaning
supplies.

T *		2.79	-
T *	P.418	0.85	-
T *		1.06	-
T *		0.98	-
T *		0.98	-
T *		0.39	-
T *		0.75	-
* *		0.47	*
A 145		8.27	*
		8.27	
A 145		[illegible]	-
A 145		1.73	*
[illegible]		3/10/77	*

REVIEWED
OCT 14 1979
By

List of Assay Samples received from
Betty Escapule TC# 7914 7/5/79 3:45-4:14

	Ag	Au
4075	1.94	.023
76	.69	.020
77	.79	.017
78	.77	.014
79	1.46	.008
80	.24	.008
81	.57	tr
82	.14	N.I
83	.05	Tr
84	.07	tr
85	.21	.008
86	.05	N.I
87	.09	1
88	.18	tr
89	.03	N.I
90	tr	tr
91	.03	tr
92	.04	tr
93	.05	tr
94	.10	tr
95	.03	tr

	Ag	Au
4096	tr	tr
97	.21	tr
98	.45	tr
99	.31	tr
4100	.18	.014
4101	2.84	.031
02	.152	.034
03	3.52	.055
04	.56	tr
05	.37	tr
06	.52	tr
	.17	tr
09	1.40	.040
10	5.36	.052
11	.82	.020
12	.67	tr
13	2.36	N.I
14		
15	Now	
16	5.68	N.I
17	14.24	N.I
18	.31	N.I
19	1.02	N.I
4120	.26	N.I

Barrell test.

A 21 hrs	B1	2.24 Ag	.029 Au
	2	1.62	.046
	3	1.28	.040
	4	1.66	.040
	5	.39	.014
	6	2.20	.040
	7	2.80	.043
	~~8~~		

12 hrs

B1	2.80	.66
2	2.04	.060
3	1.72	.043
4	2.16	.052
5	.44	.020
6	2.56	.043
7	3.40	.060

24 hrs		Ag	Au
B1		3.0	.066
2		2.2	.066
3		1.92	.043
4		2.32	.058
5		.46	.017
6		2.48	.046
7		3.68	.060

6 hrs			
B8		.14	.001
9		.15	.001
10	17.	.97	.029
11	58.3	3.76	.069
12		3.0	.075
13	50.10	3.12	.063
14		.67	.001
15		.53	.008
16		.90	.023
17			
18			
19			
20			

48 hrs		
	Dy	
B1	4.0	.098
2	3.0	.089
3	2.68	.072
4	3.24	.081
5	.63	.26
6	3.40	.066
7	4.56	.089

24 hrs		
B-8	.18	.026
9	.17	.026
10	1.22	.043
11	5.04	.118
12	3.52	.118
13	.25	.116
14	.91	.020
15	.98	.020
16	1.18	.034

36 hrs		Ag	Au
B8		.26	.037
9		.25	.034
10		1.74	.049
11		7.84	.192
12		3.84	.153
13		4.80	.174
14		2.40	.026
15		1.40	.029
16		1.66	.046

~~B-17~~ 24 hrs			
B-17		1.24	.037
18	52.9	3.04	.035
19	10.4	.44	.020

48 hrs			
B17		1.62	.052
18		1.30	.031
19		4.16	.098

pg 7 of 11

24 hrs	Ag	Au
B-4101	.67	.014
02	1.86	.029
03	3.52	.069
04	.36	.014
05	.27	.011
06	.26	tr
07	.14	.005
08	.11	tr
09	1.12	.063
10	10.72	.179
11	.96	.034
12	.31	.008
13	2.56	.046
✓ 14		
✓ 15		
16	9.44	.168
17	26.24	.113
18	.45	.005

48 hrs		Ag	Au
B 4101		1,14	.020
02		1,08	.029
03		4.32	.58
04		.54	.017
05		.42	.014
06		.37	.tr
07		.24	.008
08		.18	.005
09		1.54	.084
10		24.32	.208
11		1.46	.046
12		.51	.011
13		3.92	.081
14			
15			
16		25.28	.37
17	evaporation	81.92	.159
18		.68	.011

	Ag	Sn
24 hrs		
B 4114	2.0	.063
4115	.60	.017
2 ~~2~~		
4119	1,86	.046
4120	.32	.026
B-20	1,62	.049
21	1,76	.046
22	1,78	.049
23	1,72	.046
24	1,88	.055
25	.53	.023
48 hrs		
B-20	1,84	.060
21	1,72	.060
22	1,76	.060
23	1,98	.058
24	2,12	.063
25	.79	.031
B 4114	2,48	,84
15	.72	.023
19	2.48	.58
20	.43	.029

72 hrs		Ag	As
B 4101		.89	.019
02		1.52	.026
03		3.64	.060
04	?	.014	.45
05		.28	.011
06		.28	tr
07		.19	.008
08		.16	tr
09		1.12	.020
10		9.49	.159
11		.85	.26
12		.41	.011
13		1.64	.055
16		8.52	.156
17		115.20	.246
18		.49	.008
Effluent			
8/30/79		1.16	.013
8/31/79	Prog.	.62	.0116
"	Eff	1.26	.026
"	Eff	1.50	.031
	Prog	1.04	.023

			dq	dm
9/4/74	prev	8:00 AM	1.0	.020
	Est		1.04	.023
	barren		.09	tr
	prev	12:00	1.0	.023
	b		.06	tr.
	Est	3:00	1.12	.026
9/5/74	Est	7:00 AM	1.12	.034
	prev	"	1.28	.023

---

96 hrs

4102		1.44	.026
03		3.48	.058
4110		7.44	.145
4117		29.76	.371

371
3
111.3

111.3
297.6
4089

	Value/ton	Tons	$
1	.8	5239 2/5	4191.20
2	1.6	6004 7/8	9607.52
3.	4.1	5762 9/10	23,627.89
4	.8	6407 7/8	5,126 16/16
5	1.6	6286 8/8	10,058.88
6	TR.	5037.5	( )
7	2 4/8	4956.9	11,896.56
8	2 8/8	4150.9	11,622.52
9	2 0/8	4916.6	9833.20
10	7 2/8	5239.0	37,720.80
11	8 0/8	6165 9/10	49,327.20
12	7 8/8	6327 1/8	49,351.38
13	21 0/8	6004 7/8	126,098.70
14	4 0/8	5803 2/8	23,212.80
15	15 2/8	5561 4/8	84,533.28
16	6 2/8	6085 3/8	37,728.86
17	31 5/8	4352.4	137,100.60
18	14 6/8	4473.3	65,310.18
19	5 4/8	4110 5/8	22,196.70
20	3 2/8	2700 1/8	8640.32
21	1 1/8	2498 6/8	2748.46
22	.7	2337 4/8	1636.18
23	6 3/8	2538 9/10	15995.07
24	43 9/10	3304.6	145071.94
25	14 9/10	4755 4/8	70,855.46
26	.3	2498 6/8	749.58
27	1 1/8	2619 5/8	2881.45
28	1 9/10	2135 9/10	4058.21
29	.54	2700 1/8	illegible

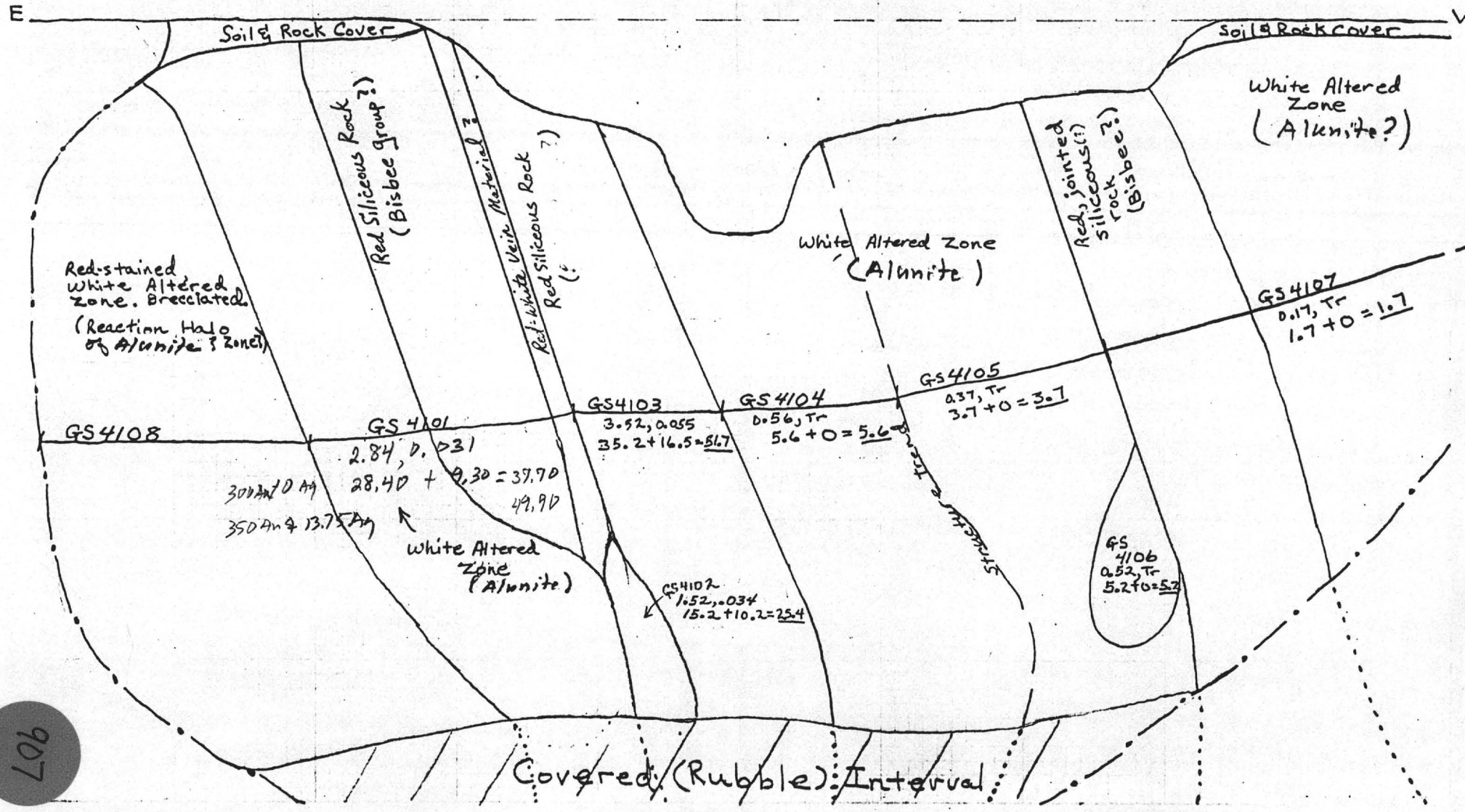
30.	1 9/12	3183.7	6049.03
31.	13 5/12	2740.4	36995.40
32.	37 2/12	10,034 2/12	373,290.84
33.	16 3/12	9,833 2/12	160,281.16
34.	7 9/12	9,188 4/12	72,588.36
35.	2 2/12	4,715 1/12	10,373.22
36.	3 0/12	1894 1/12	5682.30
37	1 0/12	1329 9/12	1329 90/12
38	3 9/12	1491 1/12	5815.29
39	5 1/12	1329 9/12	6782.49
40	18 11/12	3344 9/12	61,546.16
41	13 1/12	2700 1/12	35,371.31
42	15 5/12	1894 1/12	29,358.55
43	31 7/12	1424 6/12	45,159.82
44	8 1/12	1491 1/12	12,077.91
45	12 3/12	1329 9/12	16,357.77
			879,059.51
	188,900T		1,864,821.15 TOTAL VALUE

$9 87/12 / TON TOTAL

Intermediate Crosscut Viewed looking South

Scale
2' 0 1' 2"

GS4103 Sample #
3.52, 0.055 Ag, Au Values
35.2 + 16.5 = 51.7 Dollar Value / Ton
Ag calc'd @ $10/Troy Oz.
Au calc'd @ $300/Troy Oz.



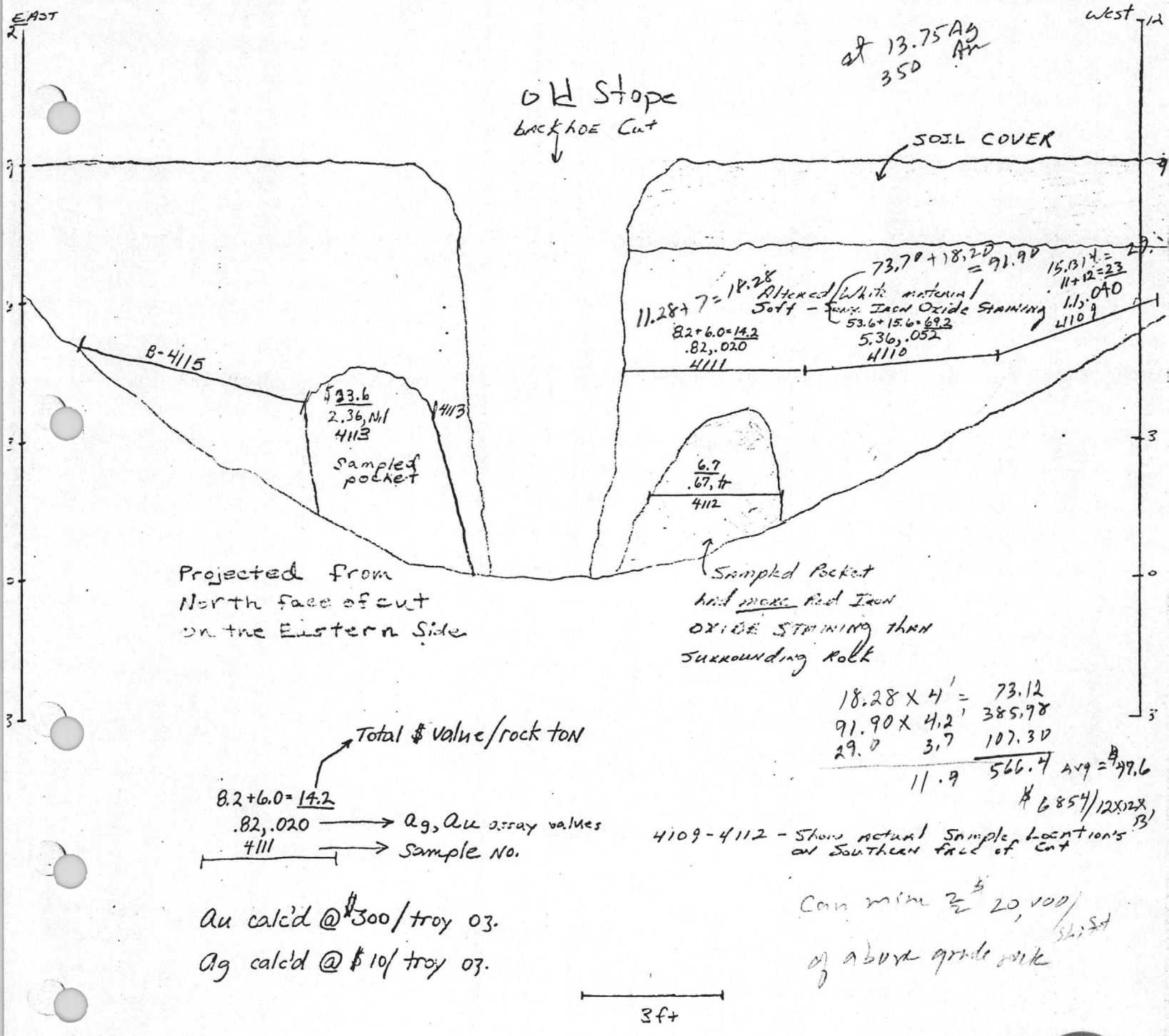
L06

Location on 1"=100' Photo w/ Grid

TOMBSTONE P-418

885' N 1010 E

Looking South
Cross-Cut 1 to backhoe Cut
Northern most Cross Cut



18.28 X 4' =	73.12	
91.90 X 4.2'	385.98	
29.0 3.7	107.30	
11.9	566.4	Avg = $47.6

Total $ value/rock ton

8.2 + 6.0 = 14.2
.82, .020 → Ag, Au assay values
4111 → Sample No.

4109 - 4112 - Show actual Sample Location's on Southern face of Cut

Au calc'd @ $300/troy oz.
Ag calc'd @ $10/troy oz.

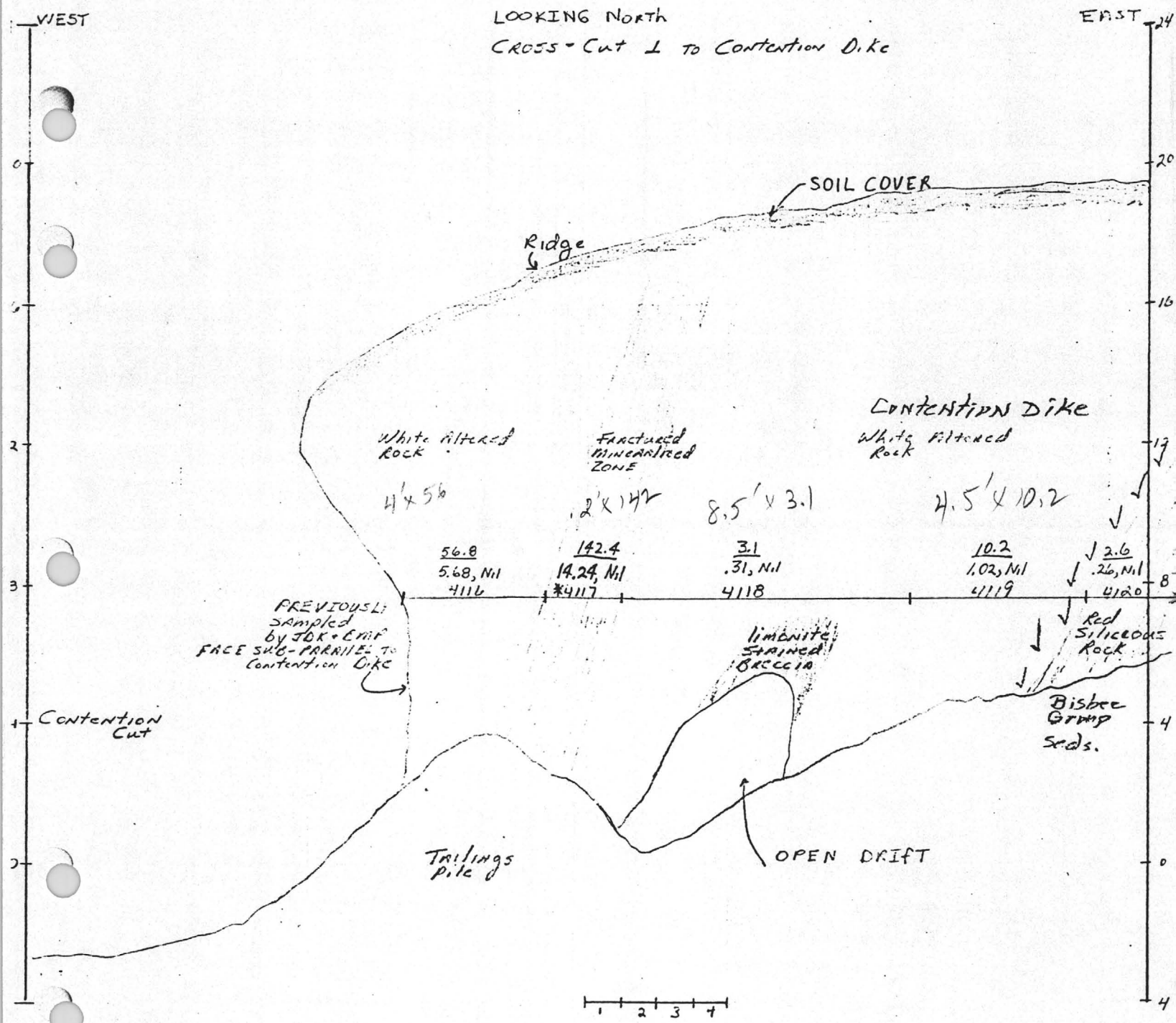
Can mine 2½ 20,000/shift of above grade ore

3ft

906

TOMBSTONE P-418

775' N 1015' E Grid.



56.8 → Total $ value/rock ton

5.68, Nil → Ag, Au assay values

4116 → sample No.

Au calc'd at $300/troy oz.

Ag calc'd at $10/troy oz.

Scale: 1"=4', Vert = Horiz.

4116-4120 show approximate sample location before cut was made super-imposed on existing cut

* Barrell test - 96 l.rs - 29.76, .371

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	No
I	Contribution from Investors - THL Acct			2500000	2500000	2500000	1750000	1650000	1711500	750000		
	Contribution					750000	750000			1500000		
	Investments By JABriscoe	477946	1403185	363042	551021	424052	2015135	505075	2291488			
II	Capital Outlays											
A.	Operating Salaries & Expenses											
1.	R.F. Hewlett - Salary			200000	200000	250000	200000	200000	120000			
	Expenses - Misc.			370405	22177	259485		138734				
	Expenses - Auto			50000	81089	63195	45982	30000				
2.	Dusty Escapule			90000	120000	170000	140000	140000	175000	70000		
3.	Ed Rice			16000	92000	142500	130000	120000	90000			
4.	Ernie Escapule											
	Other Wage Earners:											
5.	Others			160000	69625	251912	395300	167400	208350	70000		
6.	Contract Labor			20000			29500	2250	31300	9600		
7.	T...											
8.	Unemp. Taxes								66780			
9.	State Comp. Fund								68200			
10.	Auto Mileage - Employees -								18296	12150		
	Total			762405	584891	1137092	930732	798384	717926	161750		
B.	Operating Expenses - Consumables											
	Utilities											
1.	Electricity			325000		14096	60919	88288		6768		
2.	Telephone			5000	5000	28567	33969	38486		39079		
3.	Rent			18870	82500	15240		18870	32000			
	Total			348870	87500	107903	94888	145644	32000	45847		
C.	Metallurgical Chemicals & Supplies											
	Chemicals											
1.	Hypo				76452	300187	131657					
2.	Salt				37260	374520						
3.	Sulfuric Acid					2592	1545					
4.	Nitric Acid							1870				
5.	Lime			21052		13730		7105				
6.	Zinc			14755		1228						
7.	Sodium Sulfite				34571	21518	18571					
8.	Sodium Hypochlorite							36690	38891			
9.	Cyanide					55906	67811	19388	13795			
10.	Misc. Chemical Reagents for Lab Work			68900	106980	72620	234614	43961	18582			
11.	Other Chemicals (D.E., etc.)			104707	255163	622201	457228	109014	61268			
	Total			1215982	927554	1867196	1479848	1053042	871194	207597		
	Page Totals											

FILE 418 Tomlinson

B.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	LINE TOTAL	% OF TOTAL	CUMMULATIVE TOTAL
	2500000	2500000	2500000	1750000	1650000	1711500	750000							13421500		
			750000	750000			1500000							3000000		
3185	363042	551021	424052	201535	505075	22911488								62173 44		
	200000	200000	2500000	200000	200000	120000								1170000		
	370405	22177	259485		138734									790801		
	50000	81089	631195	45932	30000									270216		
	90000	120000	170000	140000	140000	175000	70000							905000		
	16000	92000	142500	120000	120000	90000								580500		
	160000	69625	251912	395300	167400	208350	70000							1178587		
	20000			29500	2250	31300	9600							92650		
						66780								66780		
						68200								68200		
						18296	12150							30446		
	762405	584891	1137092	930732	798384	777926	161750							5153180		
	325000		14096	60919	88288		6768							495071		
	5000	5000	28567	33969	38486		39079							150101		
	188870	82500	65240		188870	32000								217480		
	348870	87500	107903	94888	145644	32000	45847							862652		
		76452	80087	131657										288196		
		37260	37420											411780		
			2592	1545										4137		
					1870									1870		
	21052		13730		7105									41887		
	14755		1228											15983		
		34571	21518	18571										74660		
					3690	38891								75581		
			55906	67811	19388	13795								156900		
	68900	106880	72620	234644	43961	18582								535587		
	104707	255163	622201	454228	109014	61268								1606581		
	1215982	927554	1867196	1479848	1053042	871194	207597							7622413		

003

FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV.	DEC	JAN	FEB	MAR	LINE TOTAL	% OF TOTAL	CUMMULATIVE TOTAL
						13773								13773		
						13773								13773		
	64830	14609	90529	1854	29748	15370								221939		
	3599764	62764	56088	170139		49567								698512		
	35000	70000												105000		
	2094		103039	4363	8444									117937		
	114454	25201	18513	135801	1614									294583		
	49900			68887										118787		
	626242	172873	268169	386034	38803	64937								1556758		
						9600								9600		
		56000		100000		300000								456000		
				50000		75000								125000		
	85000	85000	75000	75000			29000							349000		
		70000				42500								112500		
	711242	383573	343169	611034	38803	505810	29000							2622631		

902

		JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT
C. cont'd	SUPPLIES										
	1. OFFICE EQUIPMENT								13773		
	2.										
	3.										
	4.										
	TOTAL								13773		
D.	CAPITAL EQUIPMENT - HYDROMETALLURGICAL PLANT										
	1. PUMPS, MOTORS & ELECTRICAL EQUIPMENT			64830	14608	90529	6854	29748	15370		
	2. PVC PIPE & COUPLINGS & ASSOCIATED SUPPLIES			359964	62764	56088	170129		49567		
	3. TANKS			35000	70000						
	4. PIPE - OTHER THAN PVC			2094		103039	4363	8444			
	5. FILTERS & ASSOC. EQUIP. (NOT CONSUMABLES)			114454	25201	18513	135801	614			
	6. PLANT BUILDINGS - TRAILER RENT			4990			6887				
	TOTAL			626242	172573	268169	386034	38803	64937		
E.	CAPITAL EQUIPMENT - CRUSHING - COMMINUTION										
	1. CRUSHER - JAW										
	2. CRUSHER - ROLL										
	3. SCREENS										
	4. CONVAYERS - ELEVATORS										
	TOTAL										
F.	CAPITAL EQUIPMENT - MINING Pump								9600		
	1. BULL DOZER - CAT D-6				56000		100000		30000		
	2. BULL DOZER - T.D. 20						50000		75000		
	3. EUCLID SCRAPER										
	4. BACKHOE JD 310			85000	85000	75000	75000			29000	
	5. FRONT END LOADER										
	6. DRILLS										
	A. JACK HAMMER & COMPRESSOR										
	B. AIRTRACK										
	7. TRUCK				70000				42500		
	PAGE TOTALS			711242	383573	343169	611034	38803	505810	29000	

EB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV.	DEC	JAN	FEB	MAR	LINE TOTAL	% OF TOTAL	CUMMULATIVE TOTAL
			7700	17863	13750									39313		
			7700	17863	13750									39313		
				20704	117888									138592		
	73708		61745											135453		
				5000										5000		
		24263				3381								27644		
			3721			87978								91699		
							42439							42439		
	73708	24263	65466	25704	117988	91359	42439							440827		
	19325	4375												23700		
	5000	6000												11000		
	600	10500												11100		
	24925	20875												45800		
	31640	1404	2566		731									36281		
	23443					18000								41443		
	1950	4593												6543		
	45744	92760												138204		
	3890	14310												18200		
	112000	77000												189000		
				9175	332220	70800								403995		
	75000	284378												359378		
	9951	7761	9390		2370		3000							23516		
00000		750000	750000	750000			1500000							4350000		
000	392995	1277344	835062	794542	466959	180159	1545439							6092500		
	23202191	25884471	30454271	29854241	15588041	15571631	17820361							163375144		

006

		JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NO
FCONT	8. MISC EQUIP RENTAL					7700	17863	13750				
	TOTAL					7700	17863	13750				
G.	MINING SUPPLIES & EXPENSE ITEMS											
	1. FUEL & LUBRICATION						20764	117888				
	2. PARTS			73708		61745						
	3. EXPLOSIVES						5000					
	4. FIRST AID SUPPLIES				24263				3381			
	5. MISC SUPPLIES					3721			87978			
										42439		
	TOTAL			73708	24263	65466	25704	117888	91359	42439		
H.	GEOLOGICAL & METALLURGICAL TESTING EXPENSE											
1.	CONSULTING-GEOLOGICAL - S.E.A.											
	A. GEOLOGIST - R.P.G. - J.A. BRISCOE @ $45/HR											
	B. GEOLOGIST - WES, BAM, VDD, TEW @ $30/HR			19325	4375							
	C. ASSIST. GEOLOGIST - JMT, BMP, ETAL @ $20/HR			15000	6000							
	D. FIELD ASSISTANT @ $15/HR			600	10500							
	TOTAL			24925	20875							
2.	EQUIPMENT & EXPENSES - S.E.A.											
	A. FIELD VEHICLES - $0.40/MILE + $12 OFF PAVEMENT			31640	1404	2506		731				
	B. FOOD & LODGING - EST. USE $35/MAN DAY			23443					18000			
	C. SAMPLE SACKS & SUPPLIES											
	D. MISC. EQUIPMENT											
	1. MEASURING & SURVEYING DEVICES											
	2. UNDERGROUND EQUIPMENT											
	3. GEOPHYSICAL EQUIPMENT											
	E. DRAFTING			1950	4593							
	F. TYPING - REPORTS			45744	92760							
	G. LITERATURE RESEARCH			3890	14310							
	H. LAND RESEARCH			112000	77000							
I	OTHER EXPENSES - JOHN DEAN - ASSAYS						975	332220	70800			
	A. STATE LAND LEASES - PROSPECTING PERMITS			75000	284378							
	B. POSTAGE			995	7761	9390		2370		3000		
	ROYALTY FEES		600000		750000	750000	750000			1500000		
	PAGE TOTALS		600000	392995	1277344	835062	794542	466959	180159	1545439		

Tombstone Exploration Company
Proforma Budget
For 10 month Period

4-12 FILE P-415 Tombstone

	Yards, Tons (000)	1	2	3	4	5	6	7	8	9	10	11	12
Metallurgy + Laboratory	55	[illegible]	25000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	500	500	500
Plant Purchase	72				9000	18000	27000	18000					
Geological	150		12500	12500	12500	12500	25000	25000	25000	25000			
Mining - Crushing, moving + stacking etc - Contracted	480	40000	40000	[illegible]	40000	40000	40000	40000	40000	40000	40000	40000	40000
[illegible]	150	12500	12500	12500	12500	12500	125	125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Consultants	50	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200
Accounting + Office overhead	30	[illegible]	[illegible]	00	00	00	00	00	00	00	00	00	00
Lease Payments	102	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rent + Utilities	18	15	15	15	15	15	15	15	15	15	15	15	15
Supplies	504	[illegible]	[illegible]	[illegible]	[illegible]000	[illegible]000	[illegible]2000	[illegible]000	[illegible]00	[illegible]000	[illegible]000	[illegible]000	[illegible]00
Contingent	374.4	312	312	312	312	312	312	312	312	312	312	312	312
Travel	24	2	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	7	7	7	7
Total Expenses	2009.4	109700	181.9	157.4	166.4	175.4	196.9	187.900	[illegible]	[illegible]	1419	1297	1297
Cash Flow Small Plant				[illegible]	[illegible]	[illegible]	[illegible]	22500	22500	22500	22500	22500	22500
1st [illegible]						[illegible]	[illegible]	67500	67500	67500	67500	67500	67500
2nd							[illegible]	67500	67500	67500	67500	67500	67500
3								[illegible]	67500	67500	67500	67500	67500
4								[illegible]	67500	67500	67500	67500	67500
[illegible]	2047.5			[illegible]	[illegible]	[illegible]	152500	225500	225500	225500	[illegible]	[illegible]	225500
		(851300)	(436[illegible])	(630[illegible])	(715500)	(754700)	650300	(527700)	(405100)	(262500)	(199[illegible])	[illegible]	

868

4-11

RECEIVED OCT - 9 1979

REVIEWED
OCT 10 1979
By

FILE P-418 Tombstone

NATURAL
RESOURCE FUND

1500 W. SHAW / SUITE 404
FRESNO, CA 93711
PHONE (209) 226-5513

October 5, 1979

Mr. Jim Briscoe
Southwestern Exploration Assoc.
4500 E. Speedway, Suite 14
Tucson, Arizona 85712

Dear Jim:

We certainly appreciate you sending us the data for the Tombstone Arizona properties. I have forwarded a copy of the report for evaluation to Mark Lakter. I presume he has gotten the report by this time even though he is in the field in northwest Nevada.

Just as soon as he gets back to me, I will let you know what our preliminary feelings are on the property and our degree of interest.

Feel free to submit anything to us that you feel will be of interest.

Cordially,

Jack Shelburne

J.R. Shelburne
President
Natural Resources

JRS/gw

897

4-10

Consultants in:
- Hydrometallurgical recovery
- Heap and conventional leaching
- Precious and base metals
- Uranium/Vanadium
- Tungsten
- Worldwide Mobilization

Division of
Southwestern Exploration Associates

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

[redacted]

S.E.A. Hydromet, Inc.

October 3, 1979

Arizona State Land Department
1624 West Adams
Phoenix, Arizona 85007

Attention: 4th Floor, Counter

RE: FILING OF APPLICATIONS FOR PROSPECTING PERMIT ON SECTION 19, TOWNSHIP 20S, RANGE 22E

Dear Sir/Ma'am,

Enclosed are three (3) separate Applications for Mineral Prospecting Permits for various portions of Section 19, Township 20 South, Range 22 East, Cochise County.

A check for $75.00 is also enclosed to cover the application costs. Company Articles of Incorporation for Arizona and Letter of Authorized Signeties are on file with your office.

Thank you for your assistance.

Sincerely,

Clark D. Green
Geologist/Landman

CDG/slr
P-418
encs. Three (3) Applications for
Prospecting Permit
S.E.A. Check #1129
Purchase Order #5588

896

Consultants in:
• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
• interpretation-image processing
Worldwide Mobilization

4-9
4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 3, 1979

Christine Rhodes
Cochise County Recorder
Office of the Recorder
Bisbee, Arizona 85603

RE: FILING OF LOCATION MAP FOR T.D.C. CLAIM GROUP

Dear Mrs. Rhodes,

Enclosed please find the claim group location map for the T.D.C. unpatented lode mining claim group, located in the Tombstone Mining District, Cochise County, Arizona.

We are requesting that this instrument be recorded in your county, so that we will be in compliance with Section 27-210 of the Legal Statues for the State of Arizona, concerning the filing of a location map for unpatented lode mining claims, located prior to September 3, 1978. For information related to local county filing, Bureau of Land Management serial numbers and legal descriptions for originally recorded Location Notices, please see Attachment 1 of map.

A check for $9.00 is also enclosed to cover the recording fee.

Respectfully submitted,

Clark D. Green
Geologist/Landman

CDG/slr
P-L418
encs. Location Map
S.E.A. Check #1131
Purchase Order #5586

895

4-8

RECEIVED OCT - 9 1979

JOHN G. DEAN

401 -- 934-0060 Elmdale Road, Box 230, Route 2, North Scituate, Rhode Island 02857

Oct. 3, 1979

REVIEWED
OCT 8 1979
By

Memo to: T. H. Schloss, FAMCO; cc J. A. Briscoe, SEA

From : J. G. Dean

Subject: Working Agreement Plans for TEI.

Dear Tom:

My association with the TEI project over the last six months has reaffirmed the vast potential in the Tombstone area, but the bottleneck to its realization has clearly resided in personnel and associated interrelationships.

The meteoric rise in the price of gold and silver, while encouraging on the one hand, is symptomatic of basic economic problems such as inflation, taxes, welfare, declining productivity, lack on incentive, etc. Perhaps our real basic challenge is to find a new way to offset all these negatives in the dealings with personnel.

I have been trying in an amateur way to find a new key for applying my specialized services to struggling projects with big potential responsive to dedicated talent, but short on financial resources. My basic plan, as you know, has been to charge for just enough time to cover my tax deductible overhead, and apply whatever additional time seemed needed toward an equity interest which might eventually yield a capital gains reward.

It is recognized that this plan is simplistic and may be laced with pitfalls, but it is still hoped that at least the objective can be realized if enough qualified experts put their shoulders to the wheel. Thus far it hasn't seemed to work not because of legal or tax difficulties, but because of lack of belief and support.

One thing now seems clear: there must be reciprocal agreements with the other parties involved. For example, a formula between time and investment money and equity interest should be developed to assure that everyone has maximum incentive for making his contributions. For example, I have now applied 20+ unpaid days to the project with a value of, say, $300/D or $6000+. If this contribution is related to a percentage equity interest, it would seem worthwhile to develop the accounting base and confirm it in a meaningful way. Each special arrangement with key personnel must be both well conceived and have full credibility to be effective in stimulating incentive.

JGD

JGD:bm

894

DAY/TIMER time-Saver

LETTER

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712
(602) 795-8227

IN REFERENCE TO: P-418
ppt. to Tom Schloss

FIRST CLASS MAIL ☐ INTER-OFFICE ☑

FOR Sue Rue

HOW TO USE THIS DAY/TIMER time-Saver LETTER TO SAVE TIME.
Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

FOLD

DATE: 10.2.79

FOLD

Sue, could you please see ~~that~~ this package get out in the mail To Tom Schloss. Please repackay and send it registered to him with $2000.00 Insurance. These are the ppts from Tombstone and Tom has rejected I we send them to his N.Y office.

Thanks

FOLD

FOLD

BY Tom

REPLY

DATE: 10/2/79

Done

BY Sue Rue

893

DAY/TIMER Time-Saver

LETTER

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712
(602) 795-8029

IN REFERENCE TO: P-418
ppts to Tom Schloss

FIRST CLASS MAIL ☐ INTER-OFFICE ☑

FOR Sue Rue

HOW TO USE THIS DAY/TIMER Time-Saver LETTER TO SAVE TIME.
Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

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DATE: 10-2-79

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Sue could you please see ~~that~~ this package get out in the mail To Tom Schloss. Please repackage and send it registered to him with $2000.00 Insurance. These are the ppts from Tombstone and Tom has expired I've send them to his N.Y office

Thanks

FOLD

FOLD

BY Tom

REPLY

DATE: 10/2/79

Done

BY Sue Rue

892

Consultants in:
• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
• interpretation-image processing
• Worldwide Mobilization

4500 E. Speedway, Suite 14
Tucson, Arizona 85712
(602) 795-6097

James A. Briscoe, President
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 2, 1979

Arizona State Land Department
1624 West Adams
Phoenix, AZ 85007

Re: P.P. Application No. 76160

Dear Sir/Madam:

Enclosed is our signed Restoration and Damage Bond for $2,000 on P.P. Application No. 76160 (Bond No. 67S40034BCA). Also enclosed is our rental on the property -- Section 18, Township 20 South, Range 22 East, 280.00 acres, Cochise County -- in the amount of $560.00 (Check No. 1130, P.O. No. 5587).

If you have any questions about this submittal, please contact Mr. Clark Green of this office.

Thank you.

Sincerely,

Christine M. Dodson

Christine M. Dodson
Mgr., Business Services

/cmd
P-418
encl. Bond No. 67S40034BCA
P.O. No. 5587
Check No. 1130
cc: Clark Green

891

• base & precious metals • uranium
• coal • geothermal • environment
• remote sensing • color aerial photography
• interpretation-image processing
Worldwide Mobilization

4-b

Tucson, Arizona 8571
(602) 795-609

James A. Briscoe, Presiden
Registered Professional
Geologist

Southwestern Exploration Associates, Inc.

October 2, 1979

Mr. Thomas H. Schloss
FAMCO
1700 Broadway
22nd Floor
New York, NY 10019

Re: Transmittal of Billings for June, July, August, 1979

Dear Tom,

Enclosed are the billings for June 20, 1979, July 20, 1979, and August 31, 1979. You will notice that the August billing is quite different in format and appearance -- it's our first billing off our new computer! We have bound these three billings together for your convenience.

Also, we have enclosed a copy of our May billing. Apparently, the originals of this billing were hand delivered to you on your trip to Tucson in June, but we have no record of this and are sending this copy 'just in case.'

Talk to you soon,

Christine M. Dodson
Mgr., Business Services

/cmd
P-418
encl.

890

4-5

RECEIVED OCT - 4 1979

JOHN G. DEAN

401 -- 934-0060 Elmdale Road, Box 102, Route 2, North Scituate, Rhode Island 02857

Oct. 1, 1979

REVIEWED

OCT 10 1979

By JHB

Mr. J. A. Briscoe
Southwestern Exploration Assoc's.
4500 E. Speedway, Suite 14
Tucson, Arizona 85712

Dear Jim:

Enclosed is an article on the Micropanner which we discussed. It is quite a remarkable tool, but as you will note, the samples take a bit of preparation. It works most accurately with uniform sized particles, so you really need a lab with grinding and sizing equipment.

The one we have was imported from Chs. W. Cook & Sons, Ltd., University Works, 97, Birmingham, England about 10 years ago at a cost of about $800. Importation took a bit of doing, but it was worth it for special projects.

The chunky vein sample you gave me from the Contention cut may be an ideal material for micropanning. I haven't been able to work on it yet, but an examination of the loose material that fell out in transit revealed the presence of well-defined galena. Identification of mineral components of this type would certainly be of interest to the project.

I am sorry the project seems to be evolving through such a painful stage, but the heap leaching seems to be working, and a little cash flow may work miracles.

The checks for my July and August statements was appreciated more than I can possibly say. I have tried very hard to help get the project successfully underway, but all efforts to be generous seem to have a way of backfiring, and I haven't yet been able to find a good plan.

With kindest regards,

John

John G. Dean

JGD:bm

889

J. A. Brusse

The Micropanner—An Apparatus for the Gravity Concentration of Small Quantities of Materials*

L. D. MULLER,† B.Sc.

622.767.53
622.7.001.4

SYNOPSIS

The micropanner, a small-scale version of the Haultain superpanner, is designed for the gravity concentration and separation of very small quantities of minerals or other materials, and is intended primarily for use on the stage of a stereoscopic microscope. The panner, its method of operation, and some applications are described and discussed; the alternative use of both heavy and light liquids is indicated.

THE DETERMINATIVE MINERALOGIST, mineragrapher and sedimentary petrologist are among many who frequently have need to separate small multi-component mineral fractions into their individual constituents or, alternatively, to concentrate from such a fraction one specific mineral. Many classic techniques are available for these purposes among which may be cited magnetic and electrostatic separation, the use of heavy liquids, dielectric separation and, when a pure sample is called for, the tedious and time-consuming technique of hand-picking under a binocular microscope. Additional to these well-known methods, there exists the Haultain superpanner—a tool widely used within the field of mineral dressing but which does not appear to have become so well-established outside this field, possibly because it has not been adapted for use with the very small quantities of materials so often met with in the mineralogical laboratory.

Haultain[1] has described his superpanner as being a mechanized and sensitive development of a combination of the vanning shovel, 'sichertrog' ('saving trough', for catching minerals) and shaking trough. It is essentially a batch concentrator for the recovery of small percentages of heavy minerals, and water is normally used as the liquid medium. Under certain conditions it can separate minerals or other materials having a specific gravity differential of only 0·5. For maximum efficiency, sized or sorted fractions within the range of 65 to 325 mesh Tyler are preferable, though it has been found at Lake Shore[2] that, using samples containing minerals having large gravity differentials, quantitative results are obtainable down to 14μ, with qualitative results for smaller sizes. A minimum weight of about 1 g is usually required. Taggart and others[3–5] have given descriptions of the Haultain superpanner together with a brief mention of its

*Paper received on 25th April, 1958, by the Institution of Mining and Metallurgy and published on 2nd October, 1958; to be discussed at a General Meeting of the Institution to be held on 16th October, 1958.

†Mineralogist, Mineral Dressing Group, United Kingdom Atomic Energy Authority, Atomic Energy Research Establishment, Harwell.

[1]etc. See list of references at the end of the paper.

applications de Rycker and Rey[6] describe modifications to the superpanner and in a further paper[7] de Rycker *et al.* outline its uses in the field of geology; Edwards[8] has also contributed a short note on the apparatus and its uses.

The micropanner, unlike the superpanner, is designed primarily for use with very small quantities of materials. It incorporates the same basic principles of operation as the superpanner and, although its construction differs, it possesses similar variables and controls. Due to its comparatively small size, suitably chosen heavy liquids (and liquids with densities less than unity) may be used on it in economic amounts so that materials having gravity differentials of less than 0·5, and ranging into very fine sizes, may often be successfully separated. As it is mainly intended for use with milligram quantities of fine materials, it is normally operated mounted on the stage of a stereoscopic binocular microscope to facilitate control of the concentration or separation being attempted.

DESCRIPTION OF THE MICROPANNER

The micropanner (Figs. 1, 2, 3, Plates I and II) consists essentially of a shallow rectangular V-section metal deck covered with linoleum and carried on a reciprocating shaft which is supported in three bearings secured to a frame. This frame is hinged to a base plate and has a pair of cams which enables the slope of the frame, and thus of the deck, to be varied.

The reciprocating shaft is actuated by an 18-tooth ratchet-wheel which is driven, through a pair of gears, by a fractional h.p. electric motor.* The shaft is spring-loaded and also carries a threaded stop-nut and lock-nut which enables the amplitude of the shaft movement to be varied from zero to $\frac{3}{32}$ in., the maximum depth of the ratchet-wheel teeth. A second milled nut on the shaft allows the compression on the return spring to be varied. A rocking motion, transverse to the axis of the shaft, is applied to the deck through a linkage mechanism and an adjustable eccentric mounted on the ratchet-wheel spindle.

Two types of deck may be used, a weired deck (Fig. 2, Plate II) on which the depth of the pool at the rear end may be varied, and an open-ended deck (Fig. 3, Plate II). The weired deck is fitted with a small Terry clip to hold a bent capillary tube connected, through a bottle trap, to a suction point.

Ancillary to the micropanner is the electric motor which is adjustably mounted on a bracket and stand (Fig. 1, Plate I); a short length of rubber tubing forms an adequate and flexible coupling between the motor drive shaft and the main shaft to the gear train. The motor speed is controlled by a Variac, and water or other liquids are siphoned as required to the micropanner deck, through a glass stop-cock and capillary tube, from a container fitted to the stand carrying the motor.

The following variables can be imposed on the micropanner deck:

(i) Length of stroke; by adjustment of the stop-nut and thus the

*Klaxon, Type EK3UBI-W.3, 100/110 V, A.C./D.C., cont., 100 r.p.m., geared.

degree of engagement of the shaft with the ratchet-wheel teeth.

(ii) Frequency of stroke; by variation of the motor speed.

(iii) Rate of return and force of impact; by alteration of the return spring compression.

(iv) Amplitude of transverse motion; by adjustment of the eccentric.

(v) Speed of transverse motion; by variation of the motor speed.

(vi) Longitudinal slope; by rotation of the frame cams.

(vii) Amount of wash liquid.

(viii) Depth of pool on weired deck; by height adjustment of the glass capillary tube.

SOME BASIC PRINCIPLES UNDERLYING OPERATION OF THE MICROPANNER

To the several variables ascribed to the micropanner must be added those due to the materials to be separated or concentrated, as these also introduce factors which affect their behaviour on the deck; the most important are those of specific gravity, shape and size. The majority of all these variables cannot readily be quantified so that it is not possible to detail a standard set of operating instructions applicable to all heterogeneous mixtures of materials, and each separation must be treated as an individual problem; successful operation is thus a matter of experience based on a knowledge of certain underlying fundamental principles.

In both the superpanner and micropanner the basic principle affecting separation is that known as film-sizing, wherein a liquid film, normally water in laminar flow across a surface, in this case the panner deck, has zero velocity at its contact with this surface and a maximum velocity just below the liquid-air-interface. In such a film particles of differing specific gravities in an open bed tend to sort and stratify themselves in order of their densities. Hence the heaviest particles are in contact with the deck surface and in the region of zero velocity while the lighter particles lie in the regions of increasing velocity. Thus the flow of the liquid film down the sloped deck of the panner tends to separate the light and heavy particles, the light ones travelling faster down the deck. If, in addition to the action of the liquid film flow, the deck is in reciprocating motion the momentum developed in the heavy particles in contact with the deck jerks them preferentially towards the head as the motion of the deck is sharply arrested at the completion of each cycle. The two factors thus combine to give maximum separation of the heavy and light particles. Therefore in a sample comprising several different minerals, the minerals eventually tend to separate along the length of the deck into adjacent fractions, the order of specific gravity increasing towards the head of the deck.

The micropanner is designed to make use of these two factors, and its operating variables are such that the two factors may be adjusted relative to each other by variation of the liquid flow rate, deck slope, amplitude and speed of longitudinal stroke, rate of return and force of impact. The two factors can, however, only operate successfully to produce

separation if the mineral particles form a loose or open bed on the panner deck. As particles settling in a liquid medium have a natural tendency to form a closed or packed bed it is essential to prevent this occurring during operation of the panner. The transverse motion imposed on the deck by the eccentric and linkage is designed to aid in maintaining this required condition, the degree of which may be controlled to a certain extent by adjustment of the eccentric.

As already stated, in addition to specific gravity, the size and shape of the mineral particles themselves also introduce factors which affect their behaviour on the deck, though, as de Rycker[6] has pointed out, a natural unsized feed is often perfectly adequate, particularly when the gravity differentials are large. For difficult separations, for example where the gravity differentials are small, a screen-sized feed markedly increases the performance of the panner; ultimate efficiency is generally obtained using a hydro-sized or hydraulically classified material.

Heavy liquids may also be used in difficult cases to increase the probability of separation. A gravity differential of 0·5, as between a given pair of minerals, is often accepted as the lower limit for satisfactory separation in water, but, by increasing the density of the operating liquid, the Taggart 'concentration criterion'[3] existing for such a pair of minerals may, at times, be increased sufficiently above the stipulated lower limit of 1·25 to enable a separation to be achieved which may otherwise be impossible using water. Similarly, liquids with densities less than unity may be used with advantage with very fine materials, as the apparent densities of the particles are increased and they thus tend to settle more readily into contact with the deck.

OPERATING TECHNIQUES

As the micropanner is virtually a small-scale version of the Haultain superpanner the method of operation used is very similar to that used on the superpanner, and for those familiar with the superpanner and its use the micropanner presents no difficulties, though it may be stressed that, as with the superpanner, successful operation is a matter of experience.

The method of operation normally used on the superpanner is applicable only to the weired type of deck which enables quantities of up to about 4 g to be handled. The material to be separated is placed in a pool of water formed at the foot of the deck using the maximum slope; side-shake and end-bump are applied to allow the material to stratify. Water flow is then commenced and the deck slope and other variables are adjusted as necessary to draw the heavy minerals up towards the head of the deck. Adjustment of the height of the capillary tube enables the level of the pool to be varied as required during operation; the tube may continuously remove the light tailings fraction which is retained in the bottle trap.

The open-ended deck is suitable for use with very small quantities of materials of the order of 50 mg; it is operated rather differently from the normal procedure in that the material is initially placed in a small pool of liquid, usually water with a little wetting agent, formed at the head of the deck. The cams controlling slope are designed to give a reverse slope to

the deck to enable this pool to be formed in the first instance. Having allowed the material to stratify in the pool, by applying side-shake and end-bump, the deck slope is reversed to a suitable gradient, water is fed to the deck and the apparatus is operated to wash the light fraction of the material down the deck and to retain the heavy fraction at the head. If necessary the concentrate may be cleaned by washing or by carefully brushing it a short distance down the deck and then working it back towards the head. In a normal separation, and due to the small amounts of material on the deck, concentration is generally complete before the tailings fraction overflows the end of the deck, but in any case it is convenient to allow it to wash off into a suitably placed Petri dish (Fig. 1).

With either deck, the normal speed of operation is in the range of 350 to 550 strokes/min—considerably higher than that used with the super-panner—while for most separations, the water flow-rate is in terms of drops/min rather than as a continuous flow.

When using heavy liquids as an aid to separation the optimum density of the liquid required for the separation being attempted must be empirically determined in each instance, owing to the fact that such a density must be related to the gravity differential existing between the minerals to be separated and also to the order of their specific gravities. Although application of the 'concentration criterion' formula gives a guide to the liquid density required, something below the theoretical optimum must normally be used, the 'heavies' otherwise tending to become too buoyant and ceasing to be controllable on the deck. Present experience has shown that an operating liquid of sp. gr. 1·6 to 1·8 has proved satisfactory in separating minerals with differentials of the order of 0·5 and with sp. gr. in the range 2·7 to 5·3. With liquids having densities less than unity, such as acetone or benzene, care should be exercised in choosing a suitable liquid as it has been found that, with some minerals, flocculation of the very fine particles may occur, thus vitiating any possibility of successful separation; however, the use of a suitable wetting agent might overcome this difficulty.

In either case, when using organic liquids, the lino-covered decks cannot be employed, as the adhesive securing the lino tends to be dissolved; an aluminium deck makes an effective substitute.

Experience has shown that although there are many variables that may be altered during operation of the equipment, in most separations undertaken it is normally only the slope of the deck, speed of impact and the wash water that need to be adjusted. It is also thought that, for most separations, a coarse feed requires a relatively long slow longitudinal stroke, the converse applying for fine materials.

To obtain experience of the use of the micropanner in the first instance, it is suggested that a $-65 + 150$ mesh Tyler synthetic mixture of quartz, sphalerite (or pyrite) and galena, containing a few per cent of the sulphides, is a very suitable feed for experiment. With this feed, using quantities appropriate to the type of deck fitted, a clean galena tip followed by sphalerite (or pyrite) and a clean quartz tailing should be obtainable easily and rapidly (Fig. 4, Plate III). A few tests should be sufficient to provide experience of the general order of flow-rate, length of stroke, rate of

end-bump and the impact force required; maximum side-shake is normally used.

To collect and remove from the deck the small amounts of concentrates usually made it is convenient to use a short capillary tube, fitted with a rubber teat or connected to a suction point.

SOME EXAMPLES OF THE USE OF THE MICROPANNER

The illustrations reproduced in Figs. 4 to 8 (Plates III and IV) demonstrate some of the applications of the micropanner and its flexibility in dealing with a variety of problems of separation and concentration. Their significance is described and discussed below.

Fig. 4.—The photograph illustrates a simple type of separation using the weired deck and water. 4 g of a synthetic mixture of quartz, pyrite (5 per cent) and galena (3 per cent) in the size range 72 to 150 mesh Tyler, have been used to give a clean galena tip followed by pyrite and a clean quartz tailing. This type of separation is readily achieved owing to the relatively large gravity differentials existing between each pair of minerals. Concentration was obtained in about four minutes and gave an almost 100 per cent recovery of the two heavy minerals.

Fig 5.—The monazite concentrate was recovered from a $-36+100$ mesh 'sinks' fraction of a heavy-liquid separation (bromoform; $\rho = 2{\cdot}9$). The weired deck and water were used; concentration was obtained in 10 minutes. The fraction, which comprised major ilmenite (sp.gr. 4·68-4·79), with minor zircon ($>$ 4·5-4·86), rutile (4·25), garnet (4·02-4·12), spinel (3·58-3·68) and hornblende (3·05-3·47), was initially panned as received but failed to give a clean monazite concentrate. It was therefore hydrosized using a small hydraulic classifier, the flow-rate being adjusted to give an overflow fraction comprising about half (by weight) of the original fraction. This fraction (1·5 g approx.) was repanned to give the monazite tip illustrated. Much of the hornblende, spinel, garnet and rutile was removed as a tailings fraction. This type of separation illustrates the use of the micropanner as an additional means of further separating small amounts of 'black sands' concentrates beyond the range of the normal heavy liquids and the need, in certain instances, of using hydraulically classified material.

Fig. 6.—The photograph shows a -325 mesh zircon tip derived from a 56-mg -42 mesh fraction of a Glen Urquhart gneiss. The fraction, initially obtained as a superpanner concentrate, contains a little coarse to fine kyanite (sp.gr. 3·7), coarse to fine rutile (sp.gr. 4·25) and fine zircon (sp.gr. 4·7); a lino-covered open-ended deck and water were used to obtain a zircon tip which was developed in rather less than five minutes. It is this tip which is illustrated. As the tip was contaminated with very fine rutile it was transferred to the open-ended aluminium deck and repanned to give a clean zircon tip using a bromoform/acetone mixture of density 1·7; only a few ml of the heavy liquid were used. In this instance, as the zircon was eventually required for age-determination studies, the use of Clerici solution was considered undesirable owing to the possibility of lead contamination by the solution.

Fig. 7.—The secondary uranium mineral tip (probably saleeite; sp.gr. 3·27) was concentrated from a small quantity of a -100 mesh $+43\ \mu$ feed comprising essentially a brown mica and iron-stained silicates (sp.gr. 2·7). The feed was a low-grade concentrate representing the best separation that could be obtained using the Haultain superpanner. Further up-grading on the micropanner was not possible using water, but was achieved using a heavy liquid (bromoform/benzene of density 1·8) and the aluminium deck; about 10 ml of the heavy liquid was required. For purposes of photography, the tip was rendered fluorescent using an ultra-violet source (2537 Å).

Fig. 8.—The black ilmenite concentrate was recovered from a 72-mg synthetic mixture of $-10+4\ \mu$ quartz and a few per cent of $-7\ \mu$ ilmenite. Acetone and the open-ended aluminium deck were used to obtain concentration; the alternative use of water failed to produce a satisfactory tip. Each mineral was initially prepared by separate elutriation under the same conditions to give, when mixed, the equivalent of a hydrosized product. Similar tips were obtained using quartz/monazite and quartz/riebeckite mixtures.

Acknowledgements.—The author wishes to thank Mr. C. G. Whettam of Engineering Services (A.E.R.E. Harwell) to whose craftsmanship and design modifications much is due.

REFERENCES

1. HAULTAIN, H. E. T. Splitting the minus-200 with the superpanner and infrasizer. *Trans. Canad. Inst. Min. Metall.*, 40, 1937, 229–40.

2. THE LAKE SHORE STAFF. Milling investigations into the ore as occurring at the Lake Shore mine. *Trans. Canad. Inst. Min. Metall.*, 39, 1936, 279–434.

3. TAGGART, A. F. *Handbook of mineral dressing.* (N.Y.: John Wiley and Sons, Inc., 1953.)

4. JONES, W. R. Notes on the infrasizer and the superpanner. *Trans. Instn Min. Metall., Lond.*, 49, 1939–40, 715–7.

5. GRÜNDER, W., and GEYER, G. Der Haultain-Superpanner. *Z. Erzbergb. Metallhüttenw.*, 10, 1957, 370–3.

6. DE RYCKER, H., and REY, M. The Haultain superpanner improved. *Engng Min. J., N.Y.*, 141, Dec., 1940, 47.

7. DE RYCKER, H., CALEMBERT, L., and MONTFORT, F. The superpanner and its use in geology. *Ann. Soc. géol. Belg.*, 65, 1941–42, B 109.

8. EDWARDS, A. B. Haultain superpanner. *Chem. Engng. Min. Rev.*, 31, 1939, 2–3.

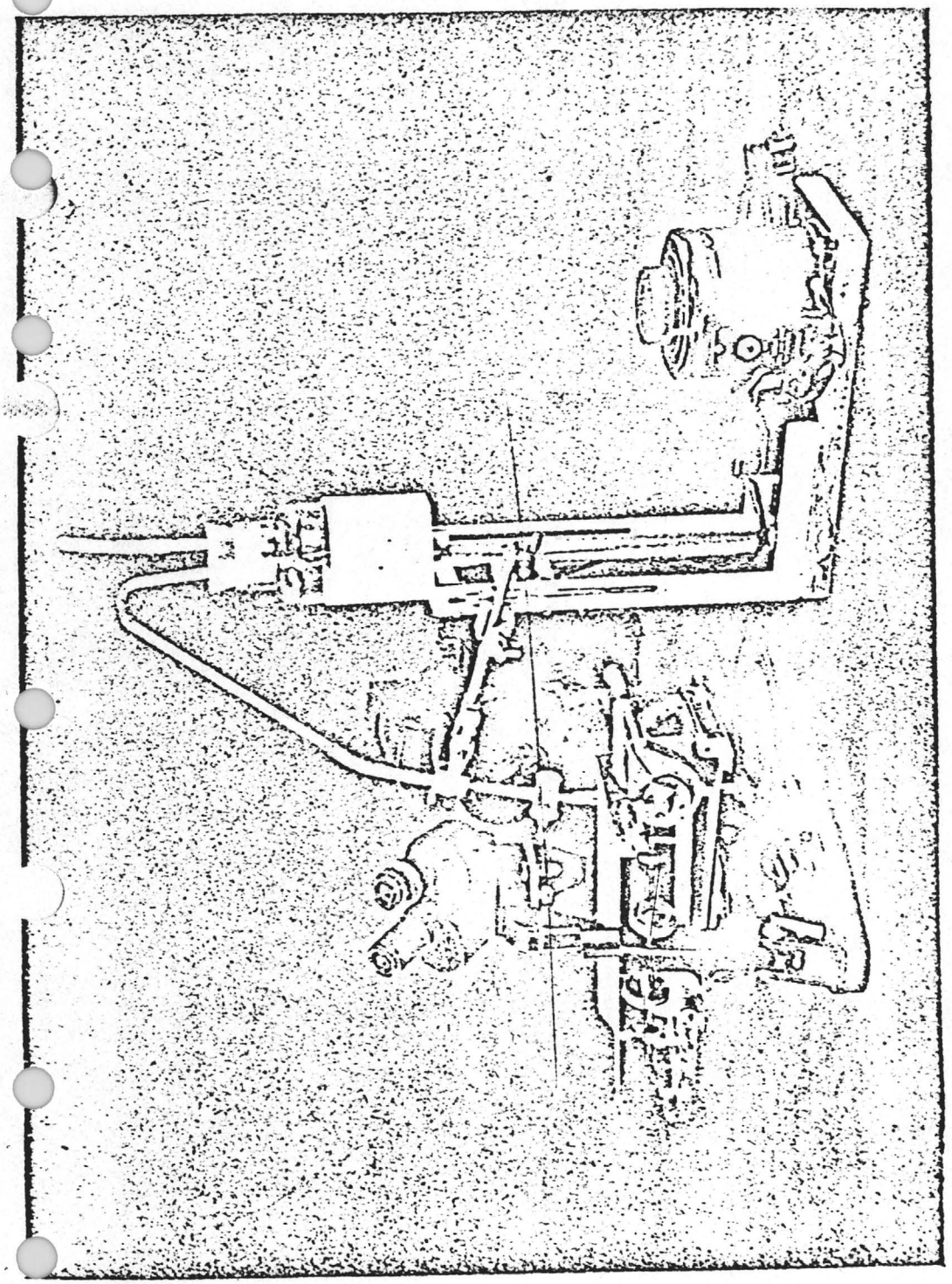

Fig. 1.—The micropanner and ancillary equipment, ready for use.

(*facing p. 4*)

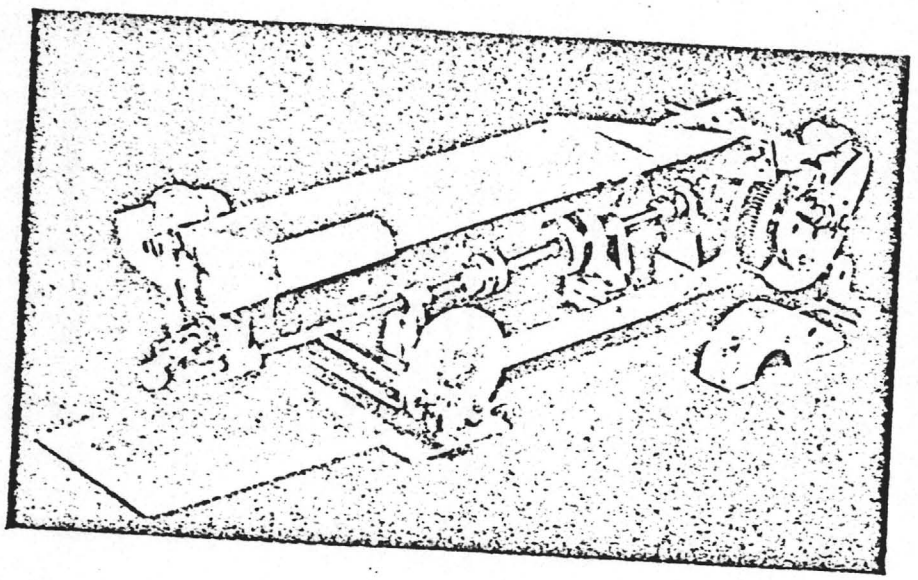

Fig. 2.—The micropanner fitted with the weired type lino-covered deck. × ½.

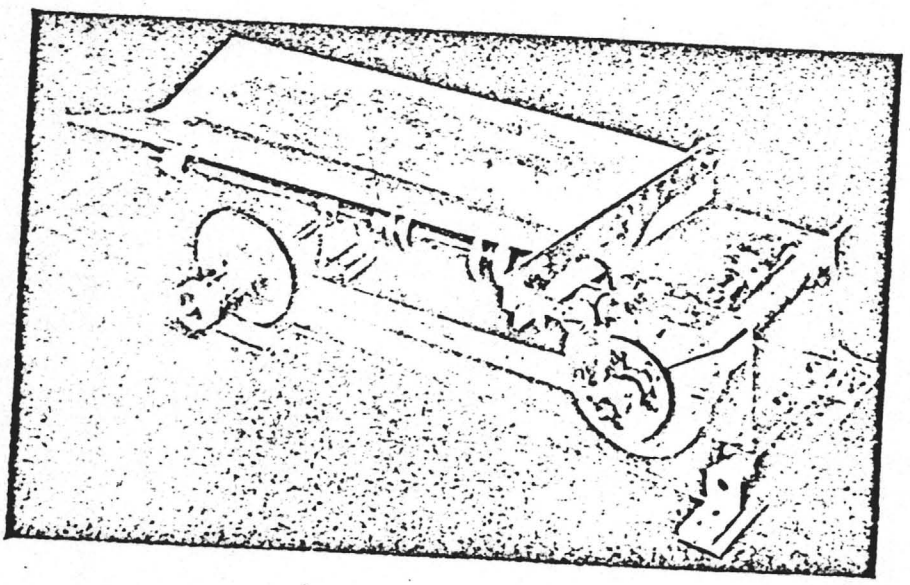

Fig. 3.—The micropanner with the open-ended aluminium deck; for use with organic liquids. × ½.

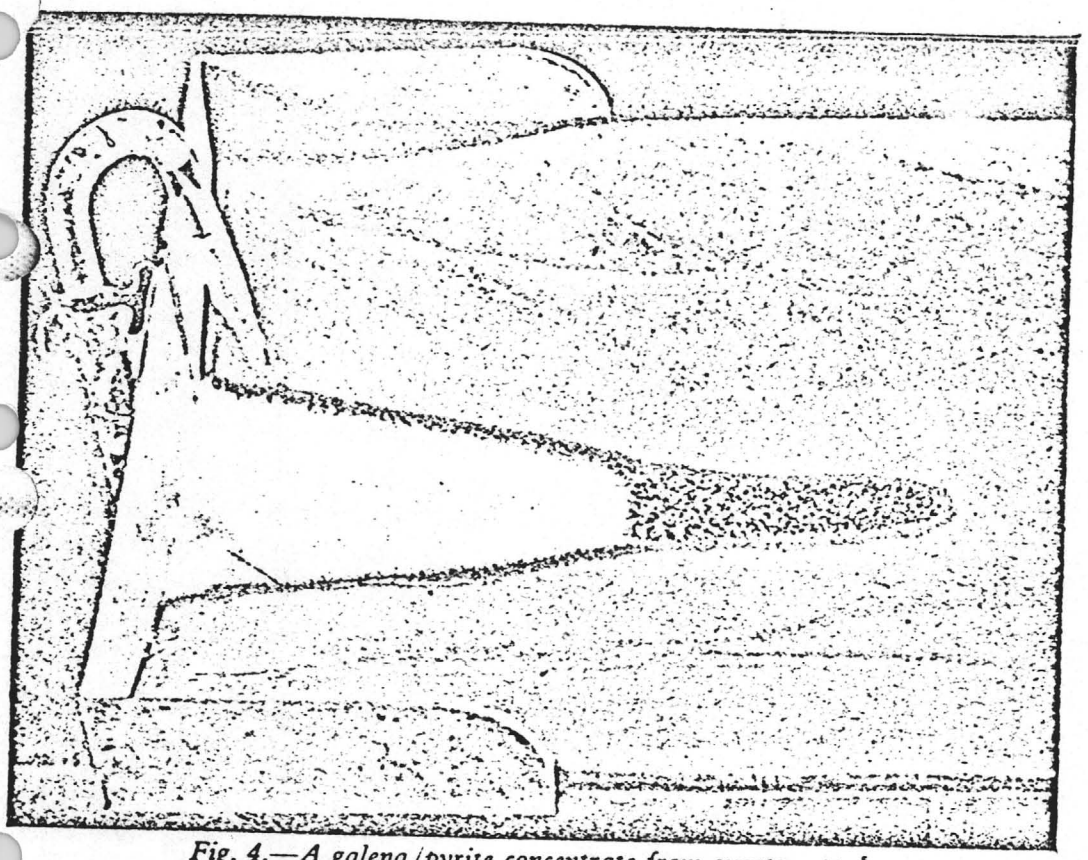

Fig. 4.—A galena/pyrite concentrate from quartz. × ⅝.

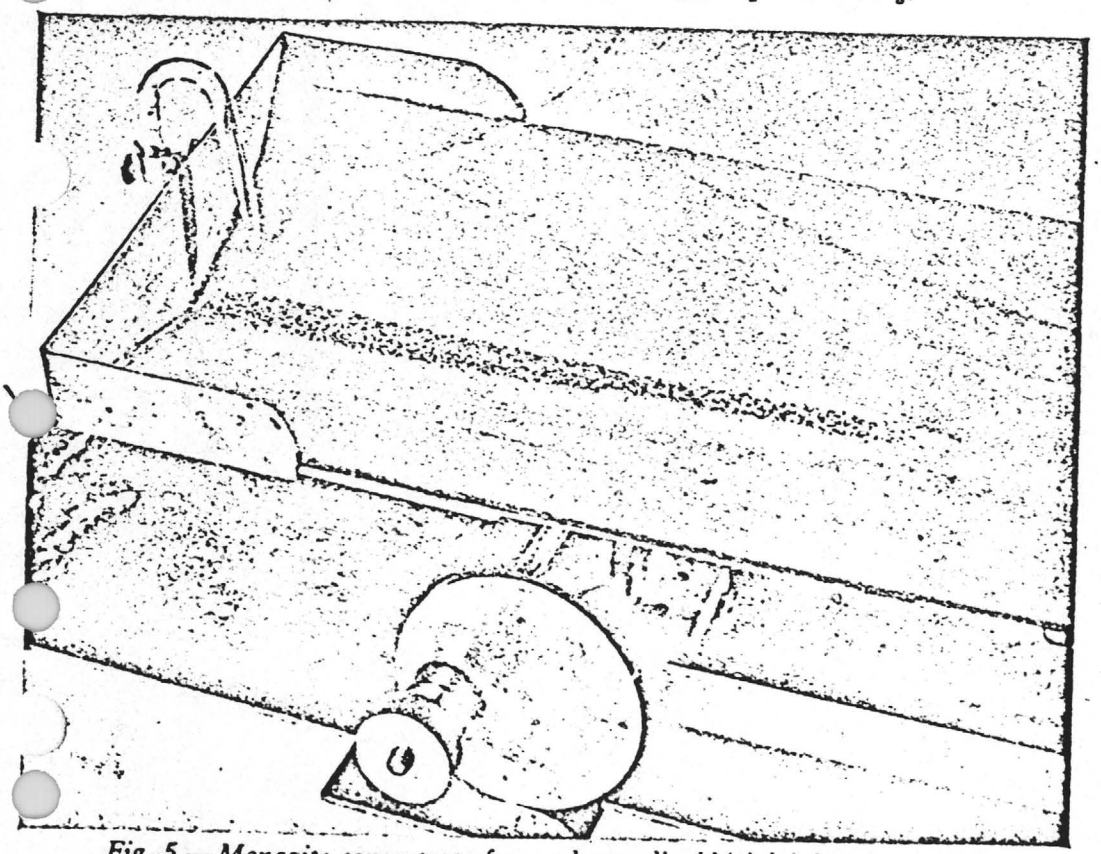

Fig. 5.—Monazite concentrate from a heavy-liquid 'sinks' fraction. × ½.

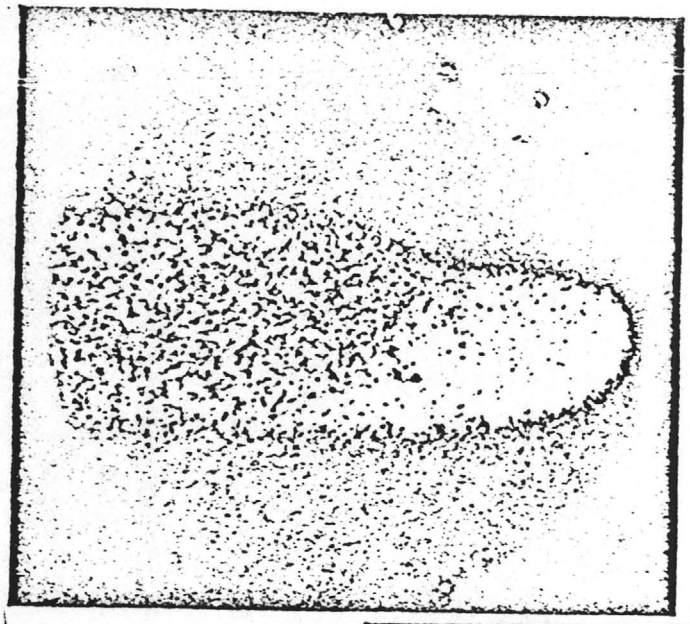

Fig. 6.—A −50μ zircon tip (white) with part of a coarse rutile middlings (black). A little white kyanite is present with the rutile. × 5

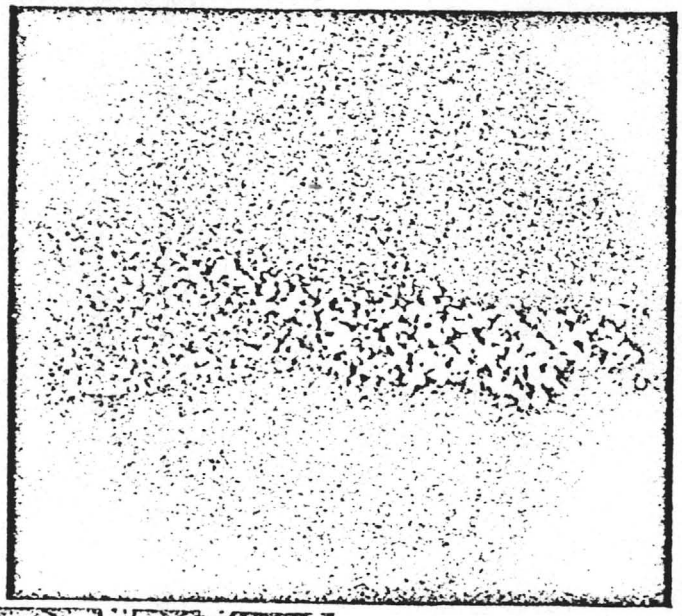

Fig. 7.—A secondary uranium mineral tip. A small part of the gangue tailing is in the field of view. × 4

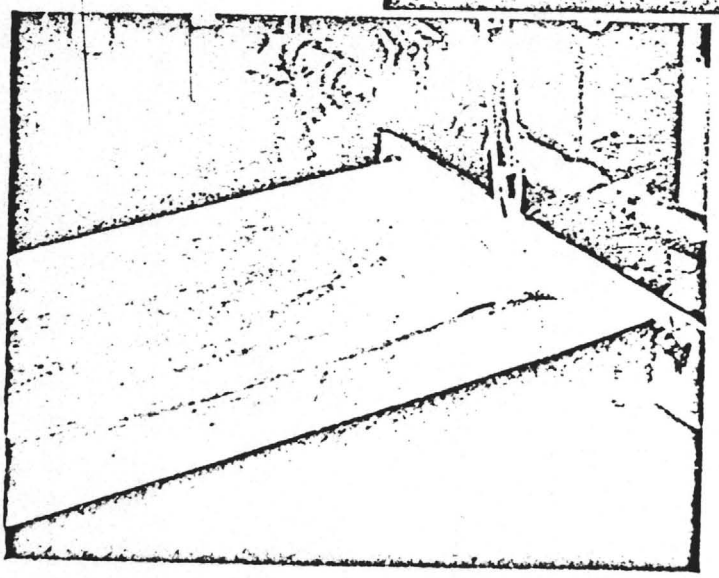

Fig. 8.— Minus 7μ ilmenite (black) and quartz tailing (white) on the aluminium deck. × 1

JAB
four cp

TOMBSTONE EXPLORATION - MAIN ACCOUNT
Account 5-16344
Balance Forward $1,158.98

DATE	PAID TO	PURPOSE	CHECK #	AMOUNT
10/2/79	U.S. Postmaster (P.O. 6427)	Package sent to Tom Schloss	1132	20.12
10/2/79	Mine Safety Appliances Co. (P.O. 6429)	2 comfort respirators 10 repl. canisters	1133	44.52
10/2/79		VOID	1134	VOID
10/2/79	U.S. Postmaster	Postage-Overnight delivery	1135	7.50
10/3/79	Eldred Watterson	Expense reimbursement	1136	9.59
10/3/79	Dustin Escapule	Expense reimbursement	1137	57.03
10/3/79	U.S. Postmaster	Postage-Overnight delivery	1138	8.04
10/3/79	Steve Henderson (P.O. 6438)	Contract labor	1139	49.00
10/3/79	Tombstone Exploration-Salary Account	To cover payroll	1140	880.00
9/5/79		DEPOSIT WIRED INTO ACCOUNT		600.00
10/4/79	McKesson Chemical Co. (P.O. 6441)	Supplies	1141	363.12
10/4/79		Void check #1099-Deposit		113.72
10/5/79	Achies Auto Park (P.O. 6463)	Equipment	1142	58.89
10/5/79		DEPOSIT WIRED INTO ACCOUNT		11,000.00
10/5/79	State of Maine Mining Co. (P.O. 6465)	Down payment on ppt.	1143	8,000.00
10/5/79	McKesson Chemical Co. (P.O. 6462)	Chemicals	1144	71.40

878

4-4

DATE	PAID TO	PURPOSE	CHECK #	AMOUNT
10/5/79	Super City Discount Office Furniture (P.O. 6466)	Equipment	1145	127.18
10/5/79	Merchandise Research (P.O. 5675)	Supplies	1146	173.50
10/5/79	Irrigation & Sprinkler Supply Co. (P.O. 5650)	Supplies	1147	189.53
		BALANCE:		2,813.28
		Expenses:		
		Payroll: Week ending 10/12/79 (approx.) (Dusty & Eldred's wages)		560.00
		Martin Periotte wages 7 days @ 8hrs/day x $4.00/hr.		224.00
		Bill Henderson wages 7 days @ 8hrs/day x $4.00/hr.		224.00
		Day ppt. Plant Operator 7 days @ 8hrs/day x $4.00/hr.		224.00
		Steve Henderson 17 hrs @ $7.00/hr.		119.00
		Expenses for Dusty & Eldred (est.)		100.00
		Bureau of Geology and Mineral Technology P.O. 5731, Consulting and Assay fees		137.54
		Modern Machinery Co. One month rent on front end loader		2,668.55
		Transportation to Tombstone for front end loader (est.)		300.00
		Griffloyn Co. Plastic liners, leachpads and preg ponds (est.)		3,500.00
		Expense reimbursements for lumber, pipe, fittings, food & lodging (see attached list)		1,824.52
		Loan reimbursement to S.E.A.		600.00
		Secretary 40hrs/week @ $4.00/hr (est.)		160.00
		Bisbee Salvage Deposit for $7,500.00 crusher		1,500.00
		McKesson Chemical Co. (est.)		350.00

Expenses (con't.)

Robert Cowin	
Rental charges for D.6.B. cat	980.00
Robert Cowin	
Rental charge for road grader	245.00
Robert Cowin	
Rental charges for tractor trailer	100.00
McKesson Chemical	
Arizona State taxes on previous invoices	92.00
Skyline Labs	
Assay work (est.)	150.00
Mt. Bell	
Phone bill	142.51
AMOUNT REQUIRED TO COVER EXPENSES:	11,387.84

REVIEWED
OCT 10 1979
By

EXPENSE REIMBURSEMENTS

7/27/79	406 Mi. @ .40/Mi 4 WHD Field Vehicle	162.40
7/27/79	120 Mi. @ .40/Mi 4 WHD Field Vehicle	48.00
7/27/79	JAB Expense reimbursement	130.61
8/03/79	JAB Expense reimbursement	12.89
8/03/79	163 Mi. @ .40/Mi 4 WHD Field Vehicle	65.20
8/24/79	JAB Expense reimbursement	18.90
8/31/79	JAB Expense reimbursement	222.24
8/31/79	JAB Expense reimbursement	273.81
8/31/79	TEW Expense reimbursement	67.35
8/31/79	TEW Expense reimbursement	163.02
8/31/79	TEW Expense reimbursement	108.98
8/31/79	TEW Expense reimbursement	427.42
8/31/79	JDK Expense reimbursement	94.55
8/31/79	JCB Expense reimbursement	29.15
	TOTAL	1,824.52

SUBMITTED FOR SECOND TIME

873

RECEIVED OCT - 4 1979 JAB 4-3

JOHN G. DEAN

401 – 934-0060 Elmdale Road, Box 230, Route 2, North Scituate, Rhode Island 02857

October 1, 1979

FAMCO, Inc.
1700 Broadway
New York, N. Y. 10019

Attention: Mr. T. H. Schloss, Chairman of the Board

Statement for Sept., 1979 re: Tombstone gold and silver project

SERVICES:

Continued development work on the Tombstone project, planning conferences and phone discussions(12 hours), and visit to the project.

Five day portion of time on project @ $300/day		$1500.00
EXPENSES:		
Trip to Tucson and Tombstone, 9/22-26 -- no charge		
Long distance telephone, 8/21 SEA -----	$23.00	23.00
Total for September -------		$1523.00

Respectfully submitted,

John G. Dean

John G. Dean, Ph. D.
Consultant

JGD:bm
cc: JABriscoe, SEA-TEI

Jain –
I gather Tom is taking over the paying of bills in N.Y., so this statement is just for your information. Hopefully, it is last under the present arrangement and rate!

Best
John

872

9/79

Tombstone Capitalization Report

Attachments

1. Location Map.

2. Early day Mining activity

3. Silver price chart 1850 – 1979
4. Au " " 1790 – 1979

~~5. Butler Preface.~~ in body

6. Photo of Newmont maps with property overlay
7. T.D.C. overlay

30 copies

From the Desk of ...

Jim Briscoe

: File **Date:** Oct 1979

- ☐ For your information or interest.
- ☐ For your future consideration.
- ☐ Please note and destroy.
- ☐ Please supply more details.
- ☐ Please advise present status.
- ☐ Please take necessary action.
- ☐ Please investigate and report.
- ☐ Please write reply for my signature.
- ☐ Please reply. Send copy to me.
- ☐ For your comments.
- ☐ For your signature.
- ☐ For your approval.
- ☐ For immediate action.
- ☐ For your files.
- ☐ Please note and file.
- ☐ Please note and return.
- ☐ Please note and see me.
- ☐ Please advise.

Notes: These are notes used in the preparation of the "Proposal for additional capitalization at Tombstone" Dictated by JAB for Tom Schloss.

Southwestern Exploration Associates, Inc. Tucson, Arizona

☐ Over, please.

870

During 1916 and 1917 the Bunker Hill Mines Company shipped a large tonnage of smelting ore and milled nearly 40,000 tons, producing bullion, lead concentrates, a little wulfenite concentrates, chemical manganese, and silver-manganese tails. The Silver Bar, Solstice, Randolph, and Old Guard also produced small amounts.

In April, 1918, the mill was closed and the mines of the Bunker Hill Company were turned over to lessees. Most of the production of the district from 1918 to 1932 was by lessees on this property. Intermittent operations were carried on at the Ingersol, Herschel, Mellgren, State of Maine, Sunset, Old Guard, and Rocky Bar properties. Most of the output was smelting ore. Small local mills treated old gob and dump material and a little ore. The Grand Central Mining Company, headed by Lewis Douglas and Harry Hendrickson, treated tailings from the old Grand Central mill in a 150-ton flotation plant at Fairbank from June, 1924, to September, 1926.

The Tombstone Extension Mine, which started production in 1930, was the largest producer of lead ore in Arizona during 1932-33 and second in 1934. It was operated by the American Smelting and Refining Company during fifteen months in 1933-34 and subsequently by its original owners, the Tombstone Mining Company, and by lessees.

In June, 1933, the holdings of the Phelps Dodge Corporation in the Tombstone district were taken over by the Tombstone Development Company, with Ed. Holderness as Superintendent. This company and its lessees have since carried on the most extensive operations of the district and, to the end of 1936, produced $830,644 worth of ore. From early 1934 to May, 1937, the U.S. Smelting, Refining, and Mining Company did considerable underground work in the northeastern part of the district, on claims leased from the Tombstone Development Company, and shipped some ore.

The increased price of gold has led to development in the part of the district highest in gold. It has also encouraged lessees to treat old stope fillings and dumps in small local mills.

Production summary

The production of the Tombstone district prior to 1908 is not accurately known. According to estimates by John A. Church,[30] who was superintendent of the Tombstone Mill and Mining Company, the yield up to the end of 1901 amounted to about $25,000,000. Unpublished figures and estimates compiled by J. B. Tenney from old company reports and other sources indicate that the total to the end of 1907 was approximately $28,400,000 distributed about as follows:

[30] John A. Church, "The Tombstone, Arizona, Mining District" (Am. Inst. Min. Eng. Trans.), XXXIII (1902), 34.

608,345 × 165.70 = 100,800,000
1879-1907 approx 10x price increase 284,400,000
7,729,105
392.929.

Year	Ag Value	Ag Oz produced	Total value
1879-80	1.15	2,016,145.20	$ 2,318,567
1881	1.13	4,460,737.2	5,040,633
1882	1.19	4,523,922.3	5,202,876
1883	1.11	2,594,306.3	2,881,900
1884	1.11	1,243,952.2	1,380,788
1885	1.07	1,234,557.0	1,320,976
1886	.99	1,060,606.1	1,050,000
1887	.98	612,244.9	600,000
1888	.94	638.297.9	600,000
1889	.64	265,957.5	250,000
1890	1.05	571,428.6	600,000
1891	.99	681,467.7	674,650
1892	.89	563,218.4	490,000
1893	.78	576,923.1	450,000
1894	.63	476,190.5	300,000
1895	.62	461,538.5	300,000
1896	.68	441,176.5	300,000
1897-1901	.60	573,333.3 /year	1,539,610
1902-1906	.59	864,406.8 "	2,550,000
1907	.66	833,333.3 "	550,000
Total, 1879-1907			$28,400,000

As recorded in the *Mineral Resources of the United States*, the production from 1908-34, inclusive, was as follows:

Year	Tons	Gold (value)	Silver (ounces)	Copper (pounds)	Lead (pounds)	Zinc (pounds)	Total value
1908	51,266	$ 84,866	357,414	7,608	1,770,794	173,313	$ 357,819
1909	27,123	47,119	201,700	27,706	1,535,637	713,116	260,145
1910	4,619	21,947	116,520	31,163	305,876	.....	102,285
1911	8,797	44,554	224,098	68,209	982,010	.....	216,042
1912	7,405	28,177	158,377	27,723	617,820	.....	157,956
1913	5,760	25,415	126,392	10,657	334,923	36,503	120,189
1914	6,063	28,532	108,868	14,217	234,345	39,324	101,772
1915	9,003	25,135	100,115	36,075	164,136	63,386	97,780
1916	57,200	81,654	343,453	131,546	983,983	.....	411,592
1917	57,474	69,721	444,139	229,488	1,278,754	.....	608,315
1918	19,507	28,719	283,412	41,503	457,183	.....	354,892
1919	27,445	40,220	450,366	290,182	289,424	.....	613,943
1920	28,946	36,953	456,855	144,010	243,946	.....	550,939
1921	18,594	31,141	423,688	132,688	678,946	.....	502,498
1922	44,347	48,005	613,700	196,740	744,529	.....	729,214
1923	32,770	63,924	495,943	195,485	465,914	.....	531,947
1924	15,448	50,820	247,642	72,836	465,323	.....	263,508
1925	27,760	55,328	241,381	77,340	1,527,019	32,592	369,157
1926	47,708	61,796	220,579	113,476	1,970,986	.....	373,003
1927	31,196	64,757	159,944	68,876	900,178	.....	221,179
1928	24,172	47,471	164,161	135,643	247,316	.....	177,382
1929	15,601	34,530	99,423	86,793	843,817	.....	155,959
1930	8,734	38,746	74,937	32,903	936,862	.....	118,717
1931	15,623	45,555	101,504	62,440	476,814	.....	98,315
1932	5,067	10,030	48,021	24,810	1,166,700	.....	60,136
1933	7,016	36,836	100,323	27,875	1,744,270	.....	138,261
1934	3,701	129,529	296,737	70,512	2,400,324	.....	415,627
Total	608,345	$1,281,480	6,659,692	2,358,504	23,767,829	1,058,234	$8,138,571

0,1008 10.95 3.87 39.01 1.73

Subsequent production, as stated by the Tombstone Development Company and the Tombstone Mining Company, has been as follows:

Au 300 Zn .35
Ag 10
Cu 1
Pb .55

Au Ag Cu Pb
30.24 109.50 3.87 21.48 0.61
165.7

RECORD OF SAMPLE TRANSMITTAL

Job. No

TFO-061

AUG 29 1979

Samples Sent to:

SKYLINE LABS, INC.
HAWLEY & HAWLEY, ASSAYERS AND CHEMISTS DIVISION
P.O. BOX 50106 • 1700 WEST GRANT ROAD
TUCSON, ARIZONA 85703
(602) 622-4836

P-418

Samples Submitted By:

SEA Inc.
Attn. J.A. Brisky

(Report and invoice in duplicate will be sent to above address unless otherwise instructed)

SHIPMENT NO.:
DATE SHIPPED:
SHIPPED VIA:
NO. OF CARTONS:
NO. OF SAMPLES:

Send Additional Report(s) of Analysis to:
(or Special Instructions:)

LIST SAMPLE NOS.	DESCRIBE MATERIAL	LIST ELEMENTS TO BE DETERMINED (Give anticipated range of values, if possible) Describe any special sample preparation procedures desired.	INDICATE METHOD OF ANALYSIS*	✓ IF 31 – ELEMENT EMISSION SPEC SCAN DESIRED
B-3 24 hr.	Cyanide Solutions	Au & Ag in oz/ton of solution	AA	[redacted]
B-7 48 hr.			"	
B-6 48 hr.			"	
B-11 36 hr.			"	
B-13 36 hr.			"	
B-14 6 hr.			"	
B-18 48 hr.			"	
B-19 48 hr.			"	

INSTRUCTIONS *(Use Continuation Sheet If Necessary)*

*METHOD OF ANALYSIS: G—Geochem, S—Single
V—Verified, F—Fire Assay

†SAMPLE STORAGE: Pulps stored 90 days pending instructions, bulk rejects stored 30 days pending instructions.

Enclose yellow original with samples, send white copy by mail, retain pink copy. White copy will be returned to shipper as an acknowledgement that shipment has been received.

INDICATE DESIRED DISPOSITION OF SAMPLES	Bulk Rejects	Pulp
Return at customer's expense via:		
Retain pending instructions †		
Discard		

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RECORD OF SAMPLE TRANSMITTAL

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SKYLINE LABS, INC.
HAWLEY & HAWLEY, ASSAYERS AND CHEMISTS DIVISION
P.O. BOX 50106 • 1700 WEST GRANT ROAD
TUCSON, ARIZONA 85703
(602) 622-4836

P. 418

Samples Submitted By:
SEA Inc.
Attn. J. A. Brisley

(Report and invoice in duplicate will be sent to above address unless otherwise instructed)

SHIPMENT NO.:
DATE SHIPPED:
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NO. OF SAMPLES:

Send Additional Report(s) of Analysis to:
(or Special Instructions:)

LIST SAMPLE NOS.	DESCRIBE MATERIAL	LIST ELEMENTS TO BE DETERMINED (Give anticipated range of values, if possible) Describe any special sample preparation procedures desired.	INDICATE METHOD OF ANALYSIS*	✓ IF 31 – ELEMENT EMISSION SPEC SCAN DESIRED
	Cyanide Solutions	Au & Ag in oz/ton of Solution	AA	[redacted]
B-3 - 1hr			"	
B-7 48hr			"	
B-6 48hr			"	
B-11 36hr			"	
B-12 36hr			"	
B-4 6hr			"	
B-10 48 hr			"	
B13 18 hr				

(Use Continuation Sheet If Necessary)

INSTRUCTIONS

*METHOD OF ANALYSIS: G—Geochem, S—Single
V—Verified, F—Fire Assay

†SAMPLE STORAGE: Pulps stored 90 days pending instructions, bulk rejects stored 30 days pending instructions.

Enclose yellow original with samples, send white copy by mail, retain pink copy. White copy will be returned to shipper as an acknowledgement that shipment has been received.

INDICATE DESIRED DISPOSITION OF SAMPLES	Bulk Rejects	Pulp
Return at customer's expense via:		
Retain pending instructions †		
Discard		

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VALUES OF ORES
1850-1970

Year	Gold/oz.	Silver/oz.	Lead/lb.	Zinc/lb.	Copper/lb.
1850	$20.67	$1.32	$0.05	$-----	$0.220
1851	+	1.34	.05	-----	.166
1852	+	1.33	.05	-----	.220
1853	+	1.35	.06	.055	.220
1854	+	1.35	.06	-----	.220
1855	+	1.34	.07	-----	.270
1856	+	1.34	.066	-----	.270
1857	+	1.35	.060	-----	.250
1858	+	1.34	.06	-----	.230
1859	+	1.36	.055	-----	.220
1860	+	1.35	.056	-----	.230
1861	+	1.33	.05	-----	.220
1862	+	1.35	.06	-----	.220
1863	+	1.345	.06	-----	.340
1864	+	1.345	.07	.139	.470
1865	+	1.337	.066	-----	.392
1866	+	1.339	.07	-----	.342
1867	+	1.330	.065	-----	.254
1868	+	1.326	.065	-----	.230
1869	+	1.325	.06	-----	.242
1870	+	1.328	.06	-----	.212
1871	+	1.325	.06	-----	.241
1872	+	1.322	.064	-----	.356
1873	+	1.297	.06	-----	.280
1874	+	1.278	.06	-----	.220
1875	+	1.240	.058	.07	.227
1876	+	1.160	.061	.072	.210
1877	+	1.200	.055	.06	.190
1878	+	1.150	.036	.049	.166
1879	+	1.120	.042	.052	.186
1880	+	1.150	.05	.055	.214
1881	+	1.130	.048	.052	.192
1882	+	1.140	.049	.053	.191
1883	+	1.110	.043	.045	.165
1884	+	1.110	.037	.044	.130
1885	+	1.070	.040	.043	.108
1886	+	.990	.046	.044	.111
1887	+	.980	.045	.046	.138
1888	+	.940	.044	.049	.163
1889	+	.940	.039	.05	.135
1890	+	1.050	.045	.055	.156
1891	+	.990	.043	.05	.128
1892	+	.870	.041	.045	.116
1893	+	.780	.037	.04	.108
1894	+	.630	.033	.035	.095
1895	+	.650	.032	.036	.107
1896	+	.680	.03	.039	.108
1897	+	.600	.036	.041	.120
1898	+	.590	.038	.046	.124
1899	+	.600	.045	.058	.171
1900	+	.62	.044	.044	.166

VALUES OF ORES (cont.)

Year	Gold/oz.	Silver/oz.	Copper/lb.	Lead/lb.	Zinc/lb.
1951	34.95	$0.894	$0.242	$0.175	$0.180
1952	+	.849	.242	.165	.162
1953	+	.852	.288	.138	.109
1954	+	.853	.297	.141	.107
1955	+	.891	.375	.151	.123
1956	+	.908	.418	.160	.135
1957	+	.908	.296	.147	.114
1958	+	.890	.258	.121	.103
1959	+	.912	.312	.122	.115
1960	+	.914	.321	.120	.130
1961	+	.925	.299	.109	.115
1962	+	1.084	.306	.096	.116
1963	+	1.279	.305	.111	.120
1964	+	1.293	.323	.136	.141
1965	+	1.293	.355	.160	.150
1966	+	1.293	.366	.151	.150
1967	+	1.549	.380	.140	.144
1968	+	2.146	.437	.132	.140
1969	+	2.146	.506	.149	.152
1970	+	1.771	.590	.157	.158

All prices quoted from New York Metal Market, except for zinc years 1936 to 1963.

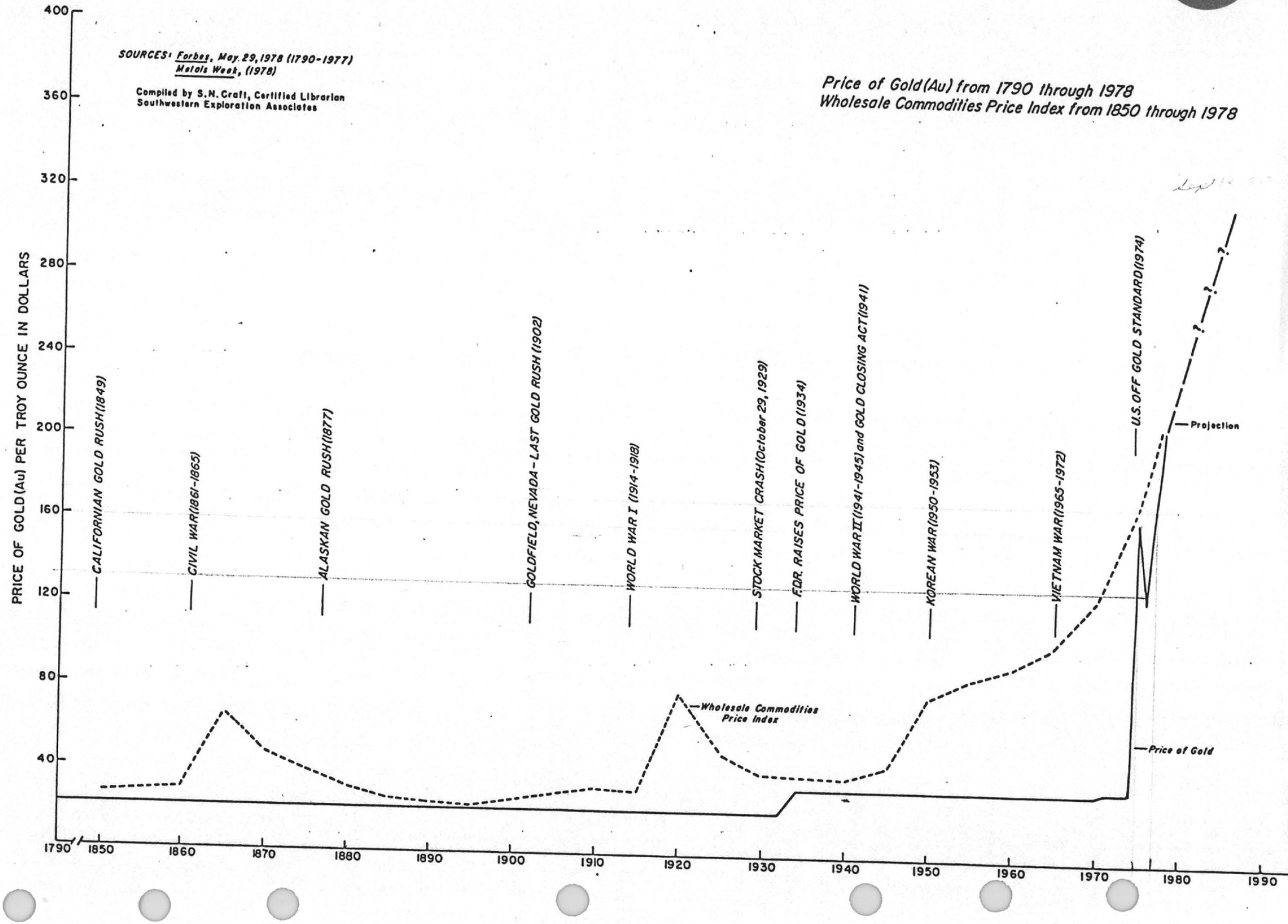
VALUES OF ORES (cont.)

Year	Gold/oz.	Silver/oz	Copper/lb.	Lead/lb.	Zinc/lb.
1901	$20.67	$0.60	$0.176	$0.043	$0.041
1902	+	.53	.122	.041	.048
1903	+	.54	.137	.042	.054
1904	+	.58	.128	.043	.051
1905	+	.61	.156	.047	.059
1906	+	.68	.193	.057	.061
1907	+	.66	.200	.053	.059
1908	+	.53	.132	.042	.047
1909	+	.52	.130	.043	.054
1910	+	.54	.127	.044	.054
1911	+	.53	.125	.045	.057
1912	+	.615	.165	.045	.069
1913	+	.604	.155	.044	.056
1914	+	.553	.133	.039	.051
1915	+	.507	.175	.047	.124
1916	+	.658	.246	.069	.134
1917	+	.824	.273	.086	.102
1918	+	1.00	.247	.071	.091
1919	+	1.12	.186	.053	.073
1920	+	1.09	.184	.080	.081
1921	+	1.00	.129	.045	.050
1922	+	1.00	.135	.055	.057
1923	+	.82	.147	.070	.068
1924	+	.67	.131	.080	.065
1925	+	.694	.142	.087	.076
1926	+	.624	.140	.080	.075
1927	+	.567	.131	.053	.064
1928	+	.585	.144	.058	.061
1929	+	.533	.176	.063	.066
1930	+	.385	.130	.050	.048
1931	+	.290	.091	.037	.038
1932	+	.282	.063	.030	.030
1933	25.56	.350	.064	.037	.042
1934	34.95	.646	.080	.037	.043
1935	+	.643	.087	.041	.043
1936	+	.451	.095	.047	.049
1937	+	.449	.132	.060	.065
1938	+	.432	.100	.047	.046
1939	+	.391	.109	.051	.051
1940	+	.347	.113	.052	.063
1941	+	.348	.118	.058	.075
1942	+	.383	.118	.065	.083
1943	+	.448	.118	.065	.083
1944	+	.448	.118	.065	.083
1945	+	.519	.118	.065	.083
1946	+	.802	.138	.081	.087
1947	+	.718	.210	.147	.105
1948	+	.744	.220	.181	.136
1949	+	.719	.192	.154	.121
1950	+	.742	.216	.133	.139

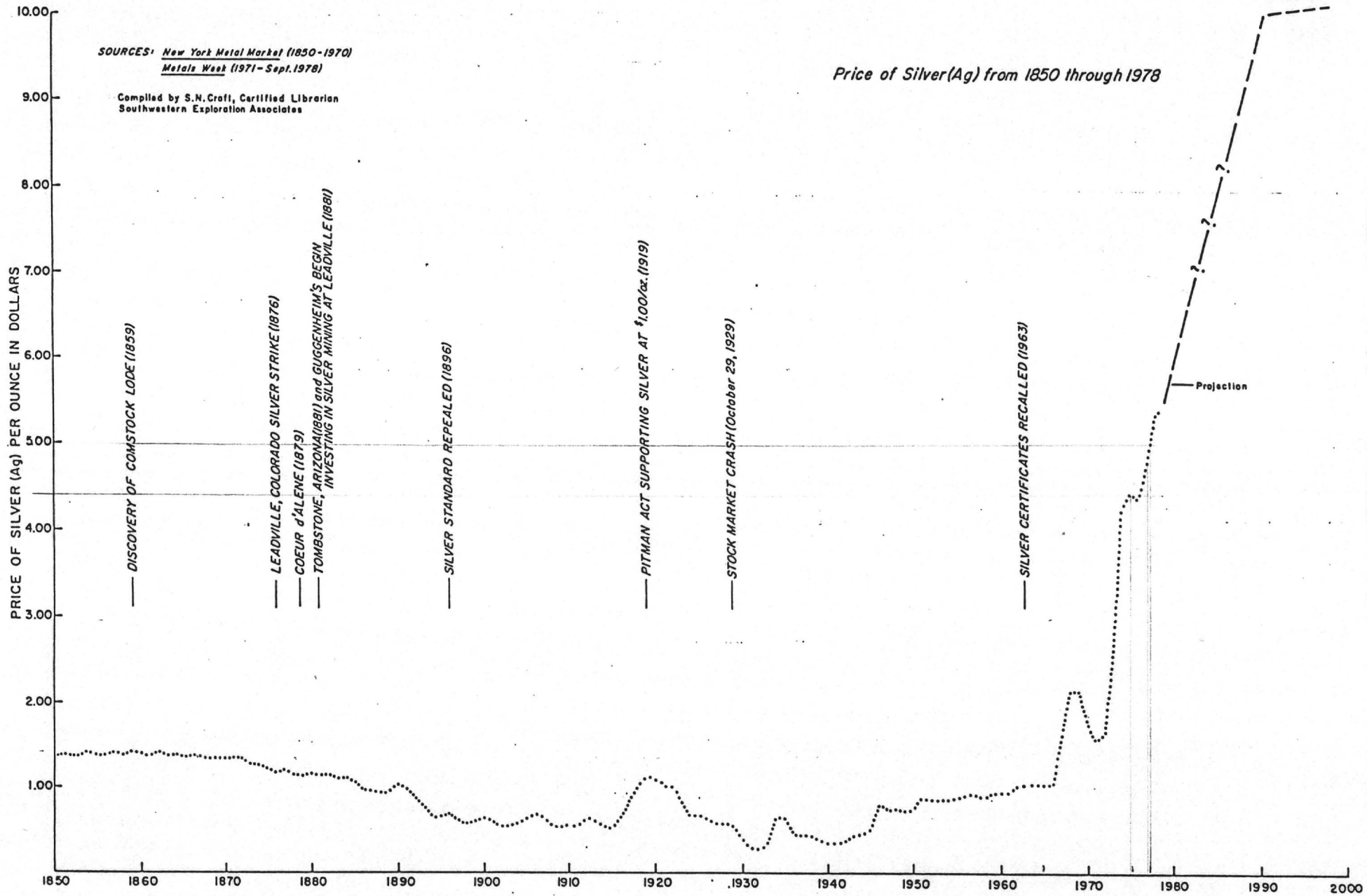
SOURCES: Forbes, May 29, 1978 (1790-1977)
Metals Week, (1978)

Compiled by S.N. Craft, Certified Librarian
Southwestern Exploration Associates

Price of Gold (Au) from 1790 through 1978
Wholesale Commodities Price Index from 1850 through 1978



862


Price of Silver(Ag) from 1850 through 1978
SOURCES: New York Metal Market (1850-1970)
Metals Week (1971-Sept. 1978)
Compiled by S.N. Craft, Certified Librarian
Southwestern Exploration Associates
PRICE OF SILVER (Ag) PER OUNCE IN DOLLARS
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
1850
1860
1870
1880
1890
1900
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
DISCOVERY OF COMSTOCK LODE (1859)
LEADVILLE, COLORADO SILVER STRIKE (1876)
COEUR d'ALENE (1879)
TOMBSTONE, ARIZONA (1881) and GUGGENHEIM'S BEGIN INVESTING IN SILVER MINING AT LEADVILLE (1881)
SILVER STANDARD REPEALED (1896)
PITMAN ACT SUPPORTING SILVER AT $1.00/oz. (1919)
STOCK MARKET CRASH (October 29, 1929)
SILVER CERTIFICATES RECALLED (1963)
Projection

Year	Tons	Gold (value)	Silver (ozs.)	Copper (lbs.)	Lead (lbs.)	Total value
1935.....	12,907	$120,581	243,087	103,574	2,228,288	$343,680
1936.....	9,305	102,234	147,218	53,962	969,017	220,757

The total production by the district to the end of 1936 is, therefore, as follows:

1879-1907.....	$28,400,000
1908-1934.....	8,138,571
1935-1936.....	564,437
Grand total.....	$37,103,008

MINERALOGY[31]

General statement

A detailed study of the mineralogy of the Tombstone mining district has shown a large number and wide variety of minerals. In addition to the minerals of the copper mining districts of the state, a great variety of lead, silver, and zinc minerals is found together with manganese, tellurium, molybdenum, and vanadium minerals. Some of the minerals are exceedingly rare. Tombstone is the only place in Arizona from which tellurides have been described. The contact zone formed by the intrusion of the granodiorite stock into the Paleozoic limestones is a source of rare calcium silicate minerals.

The arrangement in Dana's *System of Mineralogy* is followed in the following discussion of the minerals. An alphabetical list of the minerals is given for general reference.

Actinolite
Alabandite
Allanite (orthite)
Andesine
Andradite
Anglesite
Apatite
Argentite
Aurichalcite
Augite
Azurite
Barite
Beaverite
Bindheimite
Biotite
Bornite
Bournonite
Brochantite
Bromyrite
Calamine (hemimorphite)
Calcite
Cerargyrite
Cerussite
Chalcocite
Chalcopyrite
Chlorite
Chrysocolla
Clinozoisite
Connellite
Copper (native)
Covellite
Cuprite
Descloizite
Diopside
Embolite
Emmonsite
Epidote
Ettringite
Famatinite
Fluorite
Galena
Gold (native)
Grossularite
Gypsum

[31] Abstracted from C. A. Rasor, "Mineralogy and Petrography of the Tombstone Mining District, Arizona," unpublished doctorate thesis, University of Arizona, 1937.

Hematite
Hessite
Hessonite (?)
Hetaerolite
Hillebrandite
Hollandite group (?)
Hornblende
Hydrozincite
Iddingsite
Idocrase (vesuvianite)
Jarosite
Kaolinite
Labradorite
Limonite
Magnetite
Malachite
Manganite
Merwinite (?)
Microcline
Monticellite
Mottramite (cuprodescloizite)
Muscovite
Olivine
Oligoclase
Opal
Orthoclase
Pigeonite
Plumbojarosite
Polianite
Psilomelane
Pyrite
Pyrolusite
Pyromorphite
Quartz
Rhodochrosite
Rosasite
Serpentine (chrysotile)
Silver (native)
Smithsonite
Sphene (titanite)
Sphalerite
Stromeyerite
Sulphur
Tellurium (native)
Tenorite
Tetrahedrite
Thaumasite
Tremolite
Vanadinite
Wollastonite
Wulfenite
Zircon
Zoisite

Native elements

Sulphur (*S*).—Resinous yellow sulphur, somewhat resembling yellow sphalerite, occurs replacing anglesite and galena from the Skip shaft fissure on the fourth level of the Empire Mine.

Tellurium (*Te*).—Microscopic blebs of a silver-white mineral in tellurium-bearing galena are thought to be native tellurium.

Gold (*Au*).—Gold was most abundant in the Grand Central, Contention, Flora Morrison, Yellowjack, Head Center, and Tranquility mines, all situated along the Empire-Contention dike. The Tribute and Herschel mines also yielded considerable gold. Native gold occurs as thin flakes and foils on fractures in altered shales and dike rock and as flakes resting on masses of horn silver. Some of the kaolinized dike rocks show innumerable small scales of gold on fractured surfaces. Such occurrences of gold indicate that it was deposited from supergene solutions.

Assays of hypogene sulphides show gold in varying quantities depending on the kind of sulphide. Pyritic ore from the Sulphuret stope close to the Arizona Queen fissure assayed 0.04 ounce in gold. Galena-sphalerite ore from the same stope assayed 0.38 ounce. Clean galena ore from the Skip shaft fissure on the fourth level of the Empire Mine assayed 2.46 ounces in gold. Quartz-bournonite ore from another fissure on the fourth level of the Empire Mine assayed 1.50 ounces of gold. These assays show that more gold is associated with the later sulphides than with the earlier. Galena probably owes its high gold content to the presence of gold tellurides which have not been positively identified.

Silver (*Ag*).—Small specimens of gougy slickensided material from the Empire Mine are heavy with disseminated flakes of

		Amin Troy oz	Tons	Avg. grade in oz/t				
1908		4243.3	51264	.0828				
"		2355.35	27123	.0869				
1912		1097.35	4619	.2376				
"		2227.7	8797	.2532				
"		1408.85	7405	.1903				
"		1270.25	5760	.2206				
"		1426.6	6053	.2353				
15		1256.75	9073	.1396				
"		4082.7	57203	.0714				
"		3986.95	57211	.0607				
18		1485.95	19507	.0736				
19		2011.0	27445	.0733				
20		1847.65	28946	.0638				
21		1557.75	18594	.0837				
22		2477.25	44347	.0541				
23		3182.2	32770	.0975				
24		2581	15748	.1645				
25		2726.9	27760	.0997				
26		3089.8	47708	.0648				
27		3237.85	31196	.1038				
28		2403.85	24172	.0987				
29		1726.59	15601	.1107				
30		1957.97	8734	.2218				
31		2277.75	15623	.1458				
32		501.5	5067	.0990				
33		1841.8	7016	.2625				
34		3700.11	3701	.9997				
Total		61297.55	608345	.1008				

	Au in Troy oz	Tons	Avg / Ton		
1908	4,243.3	51,266		32	501.5
09	2,355.95	27,123		33	1,841.8
10	1,097.35			34	3,700.0
11	2,227.7				
12	1,408.85				
13	1,270.75				
14	1,426.6				
15	1,256.75				
16	4,082.7				
17	3,486.05				
18	1,435.95				
19	2,011.0				
20	1,847.65				
21	1,557.05				
22	2,400.25				
23	3,196.2				
24	2,541				
25	2,766.4				
26	3,089.8				
27	3,237.85				
28	2,373.55				
29	1,726.50				
30	1,939.30				
31	2,277.75				

4. cont. Exploration Technology - Why are additional reserves present

I Price - Dist. disc. of mining prod. took place during period of prolonged price decline in Silver. Mines were never exhausted but simply became unprofitable to mine because of continually dec. Ag price and inexorably increasing inflation rate. Att. 3 #4, & Appendix ~~Attach~~ 1 #2.

II Technology

A. The early day miners did not understand the geology and the ~~reas~~ technical reasons for why the ore bodies were emplaced.

Therefore they did not clearly understand how to explore for additional ore.

B. &. Three years of effort on the part of U.S. Geol. Survey, and Ariz. Bureau of mines & engineers, spanning the period of time between 1911 & 1938, detailed geologic mapping determined why known ore bodies were present and how additional ore bodies could be located.

No action was taken on this new geologic information because of:

a. Low silver prices

b. The closing of all precious metal mines by presidential decree in 1941, to assist the war effort

c. Increased mining costs due to inflation after WW II without offsetting

metal price increases.

3. Advances in Exploration Technology since 1938 will Allow more precise ~~definition~~ and less costly definition of targets identified by the 1938 Butler-Wilson study. and ~~additional targets~~ New, previously unrecognized targets will be delimited. These new techniques will include:

1. Color aerial photography & pressron photogrammetry to make highly accurate surface maps.
2. Geochemical techniques
3. Geophysical techniques including
   a. proton precession magnetometer surveys
   b. Induced Polarization

electrical surveys

c. Electromagnetic techniques of various types

d. Radiometric surveys.

4. Rapid drilling techniques — including.

a. Reverse circulation, air hammer drilling.

b. Diamond core drilling using equipment ~~###~~ yielding high core recovery.

Tombstone Exploration Company
Outline of Proposal

I. History of the Tomb. District

A. Very briefly when discovered.

B. mined up to what date.

C. What were the mines like?
1. Geography of how close they were to each other + each owned by different groups
2. Methods used in extraction of ore.
3. Communication between each group inhibited overall knowledge.
a. miners were secretive + would ~~shoot someone who tried on property~~.
b. Modern day Tombstone has become a tourist attraction because of this history-wide Exposure.

Size 1/2 sq miles
major mines
Contact park

D. Why did they stop mining?

E. What has happened since then?

(1). Ore prices - briefly

(2) mining - Technology

(3) Large companies found reserves but prices too low to be economical.

Since then silver up 18X + gold up 10X. 36X 17

.35¢ in 1945 vs. $12.75 1979

→ in 1954 An up 75% 35¢ to 35

Ag up 81. .35 oz to 85 + 2.5X vs 21 v London

Have a lot of Newmont records

Page 3 of 7

II. Butler & Wilson report finished in 1938
long out of print & not readily available
~~a monograph~~ It is ~~not well known~~, but it is the most extensive combination of ore types maps etc in the area.

A. Over the last 5 years we have had the opportunity to verify some of these facts & conclusions

1. The methods they used were accurate & very carefully done and although further testing is need this is a strong base to make projections.

2. It was first time anyone had combined the knowledge of all three mines.

3. no ~~further~~ significant mining has been done in this area since the report so there was no need to refer to it again the economic picture has completely changed

4. as the price of silver & gold has gone up 18X & ~~50~~ respectively 36 since then.

III Definition of the areas we have under lease with a map & description of how accurately close each of them are to each other; Do each of these areas overlay.

A. Description of how much ore & current dollar is in each.

B. Geological interpretation of unexplored possibility of ore for each according to your interpretation & Bentham Mines

C. Why is the amount taken out of these areas a valid indication of how much is left in the rock?

Price { 1. Silver ~~10~~ 36 X
2. Gold ~~10~~ 17 X

Technology { 3. Mining ~~technique~~ technology
4. ~~Mining methods~~ Exploration Technology
5. ~~Smelting methods~~ Metallurgical Technology

See Supp. #7

In highest year of known production (1912) ore production averaged 190 TPD. We have done test cuts at a rate of ~~400~~ 1,200 T.P.D. using ~~Steel~~ but small modern backhoe & truck equip.

1912; Mr

IV Tom. Devil Corp.

A. FAMCO - projected investors in venture capital, tax shelter and mining operations over a 10 year period.

B. SEA. - description

C. John Dean - reputation for integrity etc.

I Current method of verifying above hypothesis

A. Maps -

1. a group before we brought the dumps (define) from each of these mine sites removed ~~from~~ ——,

2. dumps are from old mines that with there current price they could throw away + we can procure at a profit.

2. The previous owners of which some of FAMCO's privates had a small piece used poor leaching techniques which we now believe left a considerable amount in the ore.

a. 25-30 foot lifts
b. not enough oxygen
c. no cracking
d. poor placement of ore
e. a heap that has set for 9 months rejuvinates.
f. channeling from fines

3. Procedure to check hypotheses:

a. area 1

(1). number of tons
(2) 20' lean from top of heap.
(3) replaced on new lift.
(4.) test with use of production 100 Ton/day Bioxi. plant on large scale test.

b. Top of Heap -

(1) 4 20' hand dug with large excavation
(2.) 320 more hand tests with screen analysis currently underway.

B. Open Pit

1. We have so many potential targets that with our limited budget we have confined ourself to one area The Coldenton

(a) With shaker test - (defin in appendix) we have 200,000 tons with a value of about $200,000 through surface sampling - see map.

(b.) located additional areas where we have done shaker test and barrel test (see appendix) indicating an area with $20 ore or higher that can be high graded to increase cash flow

(c) doing cross cuts to further define area with barrel test

(C.) ordered small production plant to process high grade ore. anticipate cash flow from current Sept. 13, 1979 known ore to pay our current overhead and part of exploration budget so we can get delivery of plant.

VI From Amco the two viable choices or combination, We can continue to "boot strap" operation from cash flow from heap and open pit. Or capitalize for full exploration budget, capital budget for large scale mining of ores to take advantage of high metal values and very large potential ore in this area.

VII Full exploration alternative:

Current our conservative indicated ore reserves are [redacted]. This needs to be tested to verify the hypotheses. If one area proves to not be worthwhile it is equally possible that another may be more valuable.

A. A large scale operation allows us to operate with the economies of scale to achieve a lower breakeven which translates into a larger low grade tonage that can be processed at a higher

B. The more exploration we do will have cumulative knowledge on the adjoining areas which may allow us to further pick where we believe may be an offset from the current known area to an area which may be larger than the original Tombstone basin.

C. What is needed is funds to capitalize a budget to do the following:

1. extensive drilling program.
   a. six stages based upon results.
2. Surveying
3. lab for - sampling, & production
4. Plants
   (1) multiple plants.
   (2) pads & ponds
   (3)
5. Excavation equipment.
   (1) excavator
   (2) off road truck
   (3) front end loader
   4. [illegible]

PREFACE

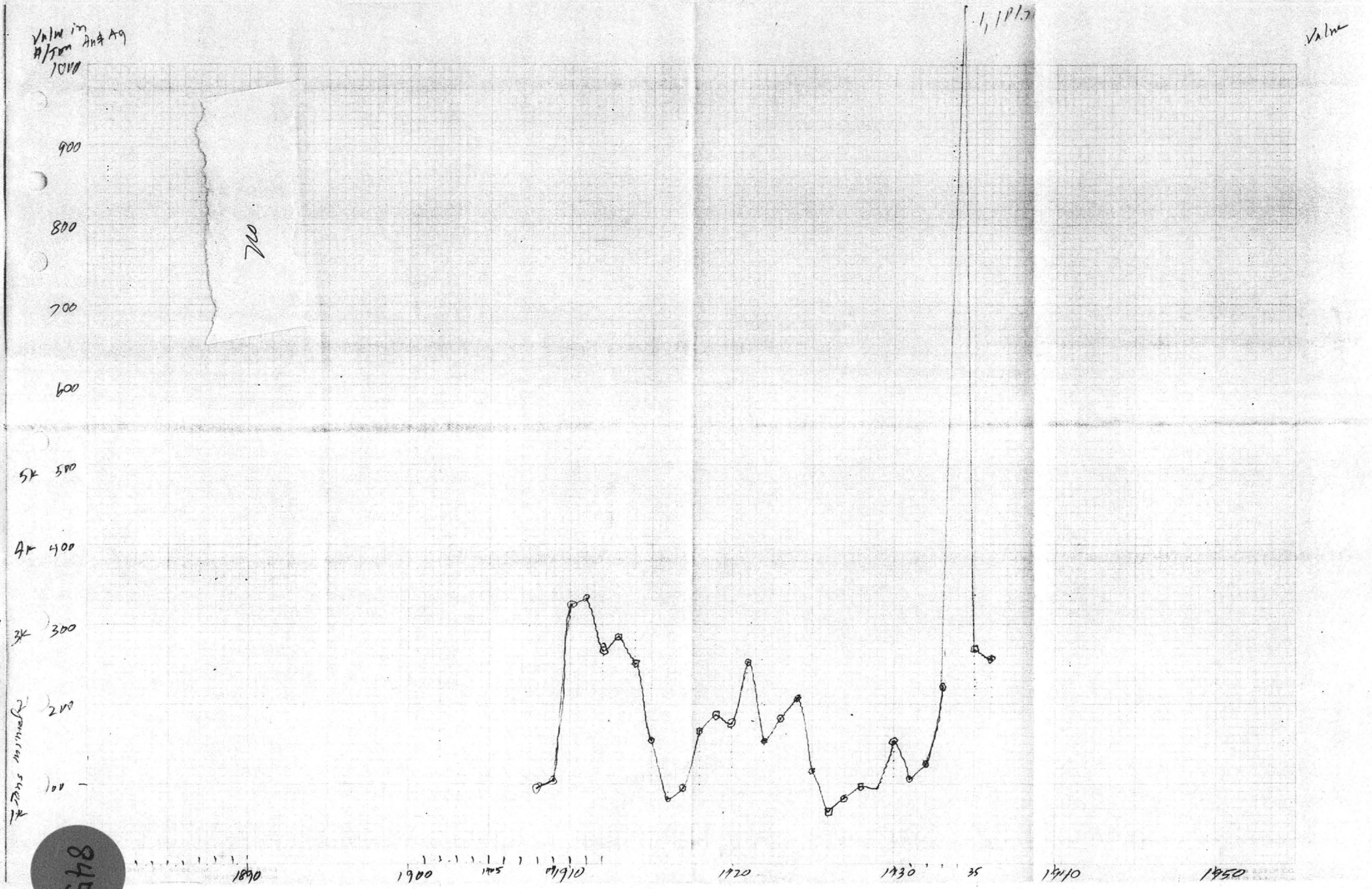
Through the co-operation of the United States Geological Survey, the Arizona Bureau of Mines has been able to present this bulletin to the persons interested and to those who may become interested in further development of the old mining camp of Tombstone. If the Survey had not supplied the services of Dr. B. S. Butler and made available the data collected years ago by Dr. F. L. Ransome, the Bureau would have been unable to complete the project at this time. The Bureau is glad to acknowledge its indebtedness to the Survey for this splendid co-operation and for numerous courtesies extended in the past.

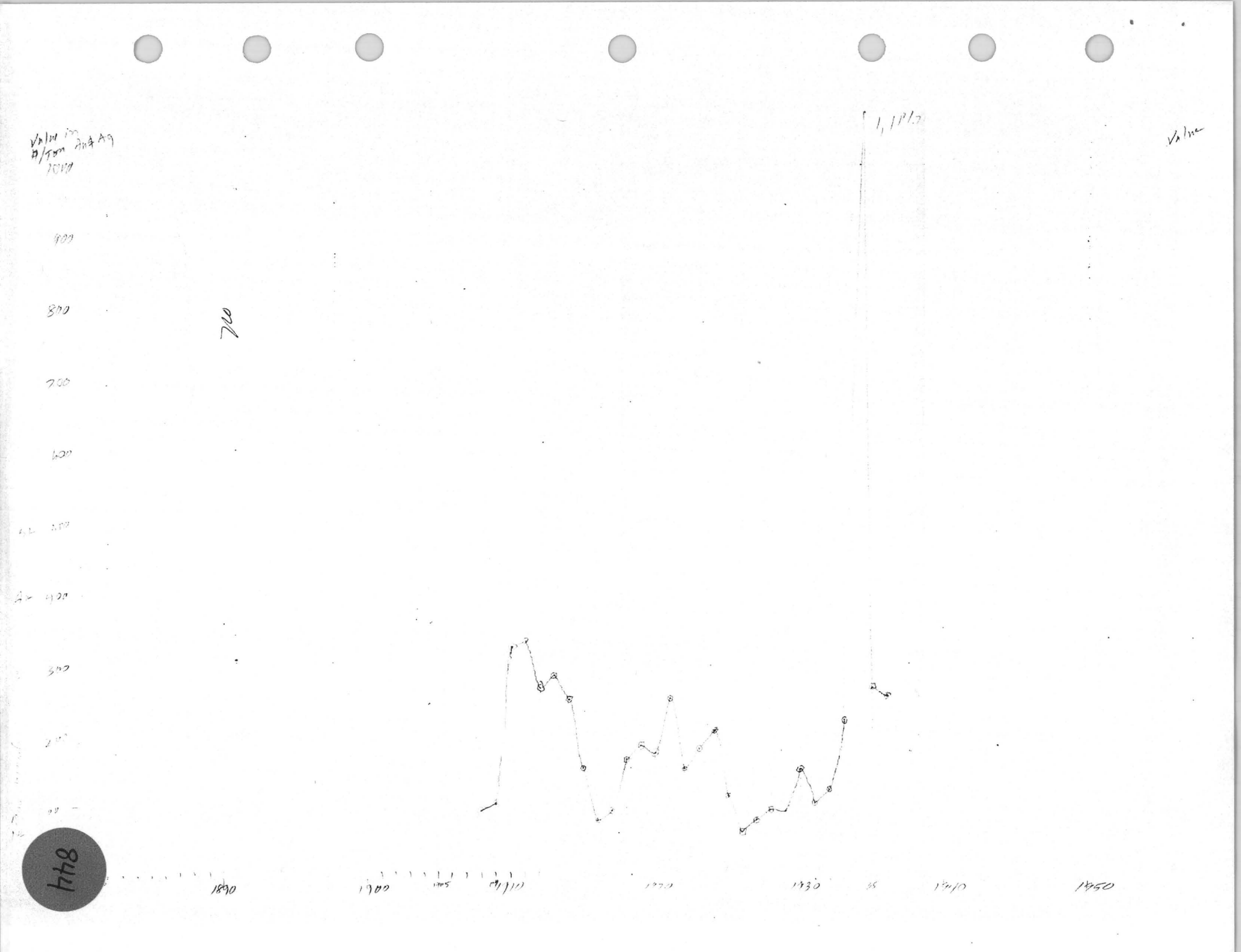
When a detailed investigation of an old mining camp is begun, it is always uncertain whether the report will be of any practical value. Too often such an investigation indicates that the ore deposits have been exhausted, and the report shows that further work in the camp is not justified by the conditions found.

Fortunately, that is not true of this report. The authors have demonstrated that the positions of the ore bodies are determined by definite structural conditions that are plainly set forth herein, and that numerous favorable areas remain unexplored. A good mining geologist who familiarizes himself with the geology of the district can, by following the suggestions offered in this bulletin, ascertain where new ore bodies are likely to be found, and it is confidently believed that the development of such ore bodies will eventually mean a great deal to the district and the state.

G. M. BUTLER

December 27, 1937.


Value in $ from Ant Ag
1000
900
800
700
600
500
400
300
200
100
5K
4K
3K
Production Stock
1890
1900
1905
1910
1920
1930
35
1940
1950
Value



		1	2	3	4	5	6	7	8	
			Au in Troy oz	Tons	Avg. grade in oz/T	Au in Troy oz	Avg. grade Min troy oz/ ton	Au Value/T @ $300 /oz	Au Value/T @ $10 /g	Sum of 78
1	1908		4243.3	51266	.0828	357414	6.97	24.84	69.70	94.54
2	09		2355.25	27123	.0869	201700	7.77	26.09	77.70	103.77
3	1910		1097.35	4619	.2376	111520	25.23	71.28	252.23	323.51
4	11		2227.7	8797	.253	224098	25.47	75.90	254.70	330.60
5	12		1908.85	7705	.1902	158377	21.39	57.06	210.39	267.45
6	13		1270.75	5760	.2206	126392	21.94	66.18	219.48	285.58
7	14		1426.6	6063	.2353	108868	17.96	70.59	179.60	250.19
8	15		1256.75	9003	.1396	100115	11.12	41.88	111.20	153.08
9	16		2082.7	57207	.0714	343453	6.00	21.42	60.00	81.42
10	17		3286.25	51[illegible]21	.0607	444139	7.73	18.21	77.30	95.51
11	18		1435.95	19507	.0736	283412	14.52	22.08	145.20	167.28
12	19		2011.8	27,475	.0733	450366	16.41	21.99	164.10	186.09
13	20		1847.35	28946	.0638	456855	15.78	19.14	157.78	176.92
14	21		1557.75	18,594	.0837	423688	22.78	25.11	227.80	252.91
15	22		2270.25	44397	.0541	613700	13.84	16.23	138.40	154.63
16	23		3[illegible]35	32,770	.0975	495943	15.13	29.25	151.30	180.55
17	24		2[illegible]41	15,448	.1645	247692	16.03	49.35	160.30	209.65
18	25		2[illegible]39	27,760	.0997	241381	8.70	29.91	87.00	116.91
19	26		3089.8	47,708	.0648	220579	4.62	19.44	46.20	65.64
20	27		2237.85	31196	.1038	159944	5.13	31.14	51.30	82.44
21	28		2373.55	24,172	.0982	164161	6.79	29.46	67.90	97.36
22	29		1726.59	15,601	.1107	99423	6.37	33.21	63.70	96.91
23	30		1337.37	8734	.2218	74937	8.58	66.54	85.80	152.34
24	31		2277.75	15623	.1458	101504	6.50	43.74	65.00	108.74
25	32		501.5	5067	.0989	48021	9.48	29.67	94.80	124.47
26	33		1841.8	7016	.2625	100323	14.30	78.75	143.00	221.75
27	34		2700.12	3701	.9997	296737	80.18	299.91	801.80	1101.71
28						6659692	10.95			
29	Total		61297.55	608345	.03945	6659692	42767	131.835	4.1636	5481.95
30										
31	35		3445.17	12907	.2669	243087	18.83	80.07	188.30	268.37
32	36		2920.97	9,305	.3139	147218	15.82	94.17	158.20	252.37
33			6366.67							
34			1,910001			3,903,050				
35										
36										
37										
38										

843

REVIEWED

SEP 20 1979

By

September 20, 1979

Mr. Vernon Dale
Deputy Mine Inspector
Office of the State Mine Inspector
705 West Wing
Capitol Building
Phoenix, AZ 85007

Re: Notice of Change of Entity

Dear Mr. Dale:

This letter is to inform you that the operating entity at the Contention mine and 71 Minerals leach area near the town of Tombstone, Cochise County, Arizona, has been changed from S.E.A. Hydrometallurgy, Inc. to The Tombstone Exploration Corporation, a New York corporation. Please strike the names of James A. Briscoe as President, and Thomas E. Waldrip, Jr. as Assistant Manager. Mr. Thomas H. Schloss is President of the new operating entity, The Tombstone Exploration Company, while Al Waterson remains General Superintendent and Dustin Escapule remains Mine Superintendent.

Aside from the above, all other data included in your inspection

842

report of August 27, 1979 remains accurate.

Very truly yours,

Thomas H. Schloss

THE TOMBSTONE EXPLORATION COMPANY

JAB:cmd

P-418

00-021

September 20, 1979

REVIEWED
SEP 20 1979
By

S.E.A., Inc
or
S.E.A. Hydromet
Letterhead?

Mr. Thomas H. Schloss
FAMCO
1700 Broadway
22nd Floor
New York, NY 10017

Re: Tombstone Project 418 - Notice of Resignation of Southwestern Exploration Associates, Inc. and S.E.A. Hydromet, Inc. from Further Management Responsibilities on the Tombstone Project

Dear Tom,

This is my formal notice to you that Southwestern Exploration Associates, Inc. and S.E.A. Hydromet, Inc. has elected to resign from further management responsibilities on the Tombstone Project.

On numerous occasions, both in person and on our myriad of long-distance telephone calls between my office in Tucson and your office in New York, I have pointed out the need for a definite chain of command. I have repeatedly indicated that without clear authority, and adequate professional tools and

budget to exercise that authority, I could not perform a professional, nor what I consider in my personal estimation, an adequate job in any type of management role. After our meeting in Tucson last week and ensuing events during the first part of this week, it is clear that you feel it is a necessity to manage the project yourself, to the most intimate detail.

A duality of management simply is unworkable and, therefore, I think it is an absolute necessity that I and other members of Southwestern Exploration Associates, Inc. divorce ourselves completely from any management role.

Currently, the operating personnel, Mr. Al Waterson and Mr. Dustin Escapule, are under the employ of S.E.A. Hydromet, Inc. It is imperative that they be employed directly by the operating company; thus, ten working days from today, I will terminate them from employee status of S.E.A. Hydromet, Inc. so that they may become full time employees of the Tombstone operating entity. On all operation problems you can coordinate directly with them. Of course, the payroll and all other expenditures must, of necessity, be handled from New York. In addition, it will be a necessity for you to coordinate your bookkeeping operation with the various Arizona laws which pertain to Workman's Compensation insurance and mine safety regulations. I am sure that the firm of Verity and Smith can assist you in these details.

Southwestern Exploration Associates, Inc. will continue to be

available to the project on a consulting basis, when a suitable work plan and adequate funding has been obtained.

As soon as is practicable, but in no less than ten (10) days, we will pass all financial records over to your hands and notify suppliers, etc. concerning the change in management. We will retain a record on microfilm of all documents here in our office. If there is any other action or data that is necessary to effectuate this changeover, please let me know immediately by telephone or by written communication so that it may be transmitted or performed in a timely manner.

Very truly yours,

James A. Briscoe
President

JAB:cmd
P-418
00-021

THE TOMBSTONE EXPLORATION COMPANY

PROPOSAL

FOR INCREASING CAPITALIZATION

Prepared by

James A. Briscoe
and
Thomas H. Schloss

THE TOMBSTONE EXPLORATION COMPANY

and

SOUTHWESTERN EXPLORATION ASSOCIATION, INC.
4500 E. Speedway, Suite 14
Tucson, Arizona 85712

September 19, 1979

HISTORY OF THE TOMBSTONE MINING DISTRICT

The Tombstone Mining District is located in southeastern Arizona, approximately 64 miles southeast of the City of Tucson, and approximately 28 miles north of the Mexican border. It lies on the north edge of the Tombstone hills in western Cochise County, in high Arizona-Sonora desert terrain.

Tombstone was discovered in 1876 by prospector-Indian scout, Ed Schieffelin. Schieffelin named the area Tombstone in recognition of army friends' warnings that all he would find in the then-Appache-ravaged territory was his tombstone.

His recognition of high-grade silver mineralization in outcropping rocks led to a claim staking rush and rapid development of the district. Tombstone in the early 1880's was the largest town in Arizona and was the county seat of Cochise County, which has subsequently been moved to the town of Bisbee some 20 miles distant. By 1881, the camp was booming and produced some $5 million in gold and silver. Under today's prices ($300 gold, $10 silver), this would equate to approximately $50 million.

Mining production from between 10 and 30 operating shafts flourished from the late 1880's through the late 1920's on

high-grade silver, gold, and lead ores. However, steadily decreasing silver prices, coupled with the increasing depths of the mines and the encountering of water below the 600' level, caused production to decrease in the 1920's and to falter and die out during the late 1930's. In 1941, all precious metal mines were closed down by Presidential edict in order to assist the war effort, and they remained closed until the end of World War II. Increased labor and mining costs, coupled with decreasing metal prices, precluded reopening of the mines to the present date (Attachments 3 & 4).

It is a common misunderstanding that the district ceased production because of the encountering of water in the deeper level workings. We have carefully researched production records and find that this is not the case. The mines slowly died because of decreasing metal prices and increasing mining costs as exemplified on Attachments 3 & 4. Specifically, when the mines were discovered in 1877, the price of silver was $1.20/ounce and miners were paid $3/day. By 1932, the price of silver had decreased almost continuously to $0.28/ounce while the wholesale commodities price index had increased some 30%. By the early 1950's, after the Gold Closing Act of World War II had been rescinded, wages and operating costs had more than tripled, while silver prices had increased from $0.35/ounce in 1945 to approximately $0.74/ounce. Disparity between costs and metal prices continued to increase until the early 1970's,

when the price of silver reached and then began to exceed the price level that it had been in the 1850's, some one hundred years before. As a further example of this disastrous price drop during the life of the mines, the price of silver at the time the mines were discovered in 1877 dropped steadily during the productive history of the mines until, in 1941 at the time of the Gold Closing Act, silver had decreased by 72% to $0.34/ounce while the wholesale commodity price index had increased during the 1920's by over 120% and, as a result of the depression, by 1941 had still increased some 20% over prices in the 1870's, Attachments 3 and 4.

Mining and metallurgical techniques underwent substantial changes during the productive history of the district. However, even more profound changes have occurred in the approximately 40 years the district has lain dormant. During the period from the 1880's through 1940, all mining was done by underground methods. The early miners used human and mule power for drilling, loading, and hauling ore. Later, steam-powered air compressors were used to drive drills and other equipment, and in the later days of productivity in the district electric power was used throughout. Early metallurgical plants consisted of stamp mills of the same type used in the California Gold Rush days and progressed through to vat-leach cyanide plants, the so-called "sand leach" tanks, in the early 1900's. Some small CCD (countercurrent decantation) cyanide plants were installed in the 1920's, and a small amount of froth

flotation milling (circa the same period) was also done. Modern mining technology and the efficient cost effective heap leaching techniques in common usage today were simply unavailable during any of the productive history of Tombstone.

Modern day Tombstone, the town "too tough to die" has, since the early 1950's, become a tourist attraction. The mines, with still abundant precious metal ores, essentially dormant since the Gold Closing Act of 1941, have awaited favorable price and technological conditions.

RECENT HISTORY

Between 1941, when significant mine production in the district ceased, and the present time, various renewed exploration efforts have been made within the Tombstone District. These have included exploration programs by the U.S. Smelting and Refining Company, the Eagle Pitcher Company, The Newmont Mining Company, and The Duval Corporation. While these efforts had some technical success from a geologic standpoint, economic conditions were simply not yet right for the rejuvenation of the district. For example, when The Newmont Mining Company purchased The Tombstone Development Corporation in the early 1950's, the price of gold was the same as it had been in 1941, still $35/ounce. The price of silver had increased from

$0.35/ounce in 1941 to $0.85/ounce, or approximately 2.4 times. Unfortunately for Newmont's exploration efforts, mining costs had increased because of the post-war inflation, and effectively offset the increased silver price. Thus, while encouraging silver and gold values were identified, it was felt to be not economic to put the mines into production. The Duval Corporation, examining the district in the early 1960's, was saddled with the same problems, namely, precious metal prices which were not keeping up with increased mining costs due to inflation. While these exploration efforts were confounded by unfavorable prices, important geologic data was collected. Most of this geologic information from drilling and geologic research work has been collected and is now in the files of The Tombstone Exploration Company.

CURRENT PRICE CONDITIONS AND FUTURE POTENTIAL FOR THE DISTRICT

Since the early 1970's, the price structures of both gold and silver have changed drastically. Whereas in 1940 when the Tombstone District ceased economic production gold was at $35/ounce and silver was at $0.34/ounce, the price of gold from 1974 has rapidly escalated to the current price of approximately $335/ounce, or an approximate tenfold increase, while the price of silver has

increased to $12.75/ounce, a 36-fold increase. Under these price conditions, gold- and silver-bearing material in the Tombstone District which was sub-economic as recently as 1970, will comprise extremely profitable ore bodies today.

United States Geological Survey - Arizona Bureau of Mines, Butler-Wilson Report

One of the most significant technical factors regarding the Tombstone Mining District and its future potential under current price and technological conditions is the Butler-Wilson report, published jointly by the United States Geological Survey and the Arizona Bureau of Mines in 1938. This report is a summation of studies started by U.S.G.S. geologist F. L. Ransome in 1911 and occupied many man-years of geologic studies until its publication in 1938.

From the time of the first discovery by Ed Schieffelin in 1877 through the cessation of production in 1941, technical geologic studies by the operators of the various mines were, for practical purposes, non-existant. They, for the most part, followed the technique of, in the vernacular, "keeping their nose in ore" and following it until it petered out. During most of the productive history of the district, each mine was under separate ownership and the mine operators were secretive about the locations of ore bodies

and the character or type of mineral-bearing rock. Thus, rock types which were the hosts for significant ore bodies were not known from mine to mine by the same name and it was therefore difficult, if not impossible, to project ore trends into adjacent, unexplored areas. Since the miners did not know the origin of the ore bodies, it was difficult for them to explore for new ore zones. Parallels can be drawn in medicine. For example, until it was discovered that yellow fever was carried by mesquitos, it was impossible to control the disease. In the Tombstone District, until the reason for ore occurrence was known, it was impossible to project ore bodies into unexplored areas. Thus, ore search was accomplished by the laborious and inefficient technique of tracing ore leads out through driving underground tunnels or sinking shafts blindly into areas in which miners hoped or thought they might encounter paying mineralization.

During the period 1911 through 1938, geologists from the U. S. Geolgical Survey and the Arizona Bureau of Mines carefully mapped underground workings and correlated rock formations from mine to mine. By the time of publication in 1938, a coherent understanding of the Tombstone Mining District had been achieved. Unfortunately,

the Butler-Wilson report only preceded the termination of production in the district by the Gold Closing Act (L-208) of 1941 by some four years, and coincided with the lowest metal prices experienced during the preceding 90 years. However, the Butler-Wilson study laid the framework for the geologic understanding necessary to the rejuvenation of the district at a time when precious metal prices would again allow economic production. In summary, the Butler-Wilson study has revealed the following geologic picture:

1. The precious and base metal mineralization in Tombstone is related to igneous intrusive rocks which penetrate Paleozoic limestones and Mesozoic Bisbee Group sandstones, siltstones, and limestones.

2. Ore is localized by igneous dike rocks which have filled fault breaks in the sediments, and northeast-trending fissures which cut both sediments and the igneous dike rocks.

3. Where the Paleozoic and Mesozoic sediments have been bent and contorted into folds, particularly favorable ore horizons are created. These folds, which were known by the early miners as "rolls", are through-going structures that can be traced by geologic mapping, and probably by modern

day geophysical and geochemical techniques developed within the last 15-20 years, throughout the district. Only a small percentage of these folds have been thoroughly prospected. Numerous exploration targets have been identified in the Butler-Wilson report which, if tested and found to contain ore zones similar to those mined in the early days, will yield ore bodies with gross precious metal values in the range of $1 million to $5 million per target. Extension of the Butler-Wilson study, using current exploration and drilling technology, will undoubtedly yield additional targets of similar nature. Studies to date indicate that significant numbers of these targets may be near surface, while others may lie deeper but still within economic mining range.

Butler's enthusiasm for the district is evidenced in his preface to the Butler-Wilson report included herein as Attachment 5.

"... When a detailed investigation of an old mining camp is begun, it is always uncertain whether the report will be of any practical value. Too often such an investigation indicates that the ore deposits have been exhausted, and the report shows that further work in the camp is not justified by the conditions found.

"Fortunately, that is not true of this report. The authors have demonstrated that the positions of the ore bodies are

determined by definite structural conditions that are plainly set forth herein, and that numerous favorable areas remain unexplored.[1] A good mining geologist who familiarizes himself with the geology of the district can, by following the suggestions offered in this bulletin, ascertain where new ore bodies are likely to be found, and it is confidently believed that the development of such ore bodies will eventually mean a great deal to the district and the state."

G. M. Butler, December 27, 1937.

Since Butler penned these words prior to the New Year in 1938, silver prices have increased 30-fold and gold prices have increased tenfold. Coupled with this orders-of-magnitude price increase, significant mining and milling technology advancements have been made which allow substantially increased productivity per day of man effort. Modern excavating and trucking equipment will allow open pit mining of near-surface material, while innovative heap leaching techniques will allow production of gold and silver bullion for a documented one-tenth of the capital cost of counter-current decantation cyaniding plants which were the industry standard from the time of the Butler-Wilson report until the mid-1960's.

[1]The underlining in the above passage has been added by the author of this proposal.

THE TOMBSTONE EXPLORATION COMPANY WORK IN THE DISTRICT

As is typical in the history of most western mining camps, early mines were developed on separate claims under different ownership. This fractionated ownership precludes efficient, thorough development on a district-wide basis. During the early high grade phase of development, this fractionated ownership can be tolerated but generally leads to a rapid decline in the productivity of the small factionated mine operations. Many of today's large integrated mining companies started as companies which consolidated fractionated mining ownership in important districts. The Anaconda Company, which consolidated the mining operations at Butte, Montana is one of the better-known examples of such consolidation. Detrimental to the exploitation at Tombstone, was the fact that such consolidation did not take place until 1933, when The Tombstone Development Company, under the management of Mr. Ed Holderness, consolidated the fractionated ownership of the Tombstone mines into one entity. In spite of the increased efficiencies effectuated by the consolidation of the Tombstone Development Company, declining precious metal prices during the Great Depression tended to nullify any efficiency gains. However, this consolidation has greatly benefited The Tombstone Exploration Company's efforts.

After the prolonged dormancy of the mines during the war years, The Tombstone Development Company was sold to Newmont Mining Company, who performed the previously mentioned exploration in the early 1950's. Since economic conditions at the time did not then warrant rejuvenation of the district, The Tombstone Development Company was sold to a group of investors from Nebraska who have held the property to the present day. The Tombstone Development Company, while not holding all mining claims in the Tombstone District, has consolidated all of the significant mines which have accounted for most past production and which comprise the best areas for future production. In February, 1979, The Tombstone Exploration Company acquired a favorable lease on all the mineral rights and lands of The Tombstone Development Company.

Studies by Southwestern Exploration Associates, Inc. personnel of the Tombstone District and its general environs during the period 1970 through the present, has corroborated the conclusions of the Butler-Wilson report and have indicated areas in which ore bodies of bonanza proportions under current economic conditions can be located using modern exploration and drilling techniques.

From a period of 1973 through 1976, the 71 Minerals Ltd. exploration and mining venture partnership, in which some of the partners of FAMCO have a small interest, spent in excess of $1 million collecting approximately 1 million tons of old dumps from the previous mining operations within The Tombstone Development Company's claims over which they at that time had a mineral lease.

71 Minerals Ltd. leached the large accumulation of dump material, extracting some of the contained silver and gold values using a cyanide leach process. In 1977, this operation was abandoned as the management of 71 Minerals Ltd. felt they had extracted all of the economic values from the heap. Because of their lack of expertise in the geology in the district and their emphasis on quick returns on the heap leaching dump operation, they ignored the potential for outlining new ore bodies. Between the cessation of operations of the 71 Minerals leach and the present time, precious metal prices continued to increase from their then level of $6 silver and $120 gold to the current $12.75 silver and $350 gold. Because of changes in the precious metal prices, and recent advances in the understanding of heap leaching technology, it is the opinion of The Tombstone Exploration Company and its advisors that the million ton heap accumulated by 71 Minerals Ltd. can be economically reactivated to yield a substantial profit. Reasons that futher metal extraction from the heap is feasible include the following:

1. The manner in which the heap was stacked in 25 to 30 foot lifts by 71 Minerals Ltd. resulted in poor saturation by leach solutions, resulting in poor extraction of metal values. Cyanide solutions traveling through the heap tended to follow channels in which certain areas were excessively leached while other areas remained untouched by the solvent solution. It is now felt that lifts not exceeding 6 feet will achieve a higher percentage recovery.

2. Oxygen is required in the precious metal dissolving process and excessive thickness of heap material prevented sufficient oxygen from coming in contact with the leach solution, causing poor extraction of precious metal values.

3. Precious metal-bearing rocks were not crushed to a uniformly small size, leaving possibly significant precious metal values tightly locked within impermeable bolders. Crushing of these larger fragments, it is felt, will yield profitable precious metal extraction.

4. The dump has been dormant for approximately 1-1/2 years, allowing precious metal values to migrate to the outside of rock fragments within the dump, where they can again be dissolved by leach solutions.

5. The substantial increase in precious metal prices in the last 18 months will allow extraction of values that were not profitable when 71 Minerals Ltd. ceased operations.

Certain test work is being carried out to test the validity of the above assumptions. A description of this test work and its results may be found in Appendix 2.

The Contention Open Cut Area

The Tombstons Exploration Company has limited its scope of exploration to the Contention open cut because it is thought to contain significant potential for production in the area of the old Contention mine, which was one of the first locations identified by Ed Schieffelin. The Contention dike, which is one of the intrusive features cutting the sedimentary rocks of the Tombstone Basin, stretches from the Grand Central shaft in the south, northwards to the Tranquility, and Silver Thread shafts near the outskirts of Tombstone to the north. This system of veins has produced approximately 25% of the total production of the district which, at today's precious metal prices, would be valued at approximately $100 million. Wide zones of precious metal-bearing rock which could not be handled by the early day miners in the 1880's and early 1900's formed valuable ore bodies under today's price and technological conditions.

Preliminary test work has been done in the Contention area since mid-July of 1979. At the date of this writing, this test work is in its very initial stages; however, to date we have encountered considerable encouragement by delimiting rock which can be profitably mined. At this time, in the old Contention cut area, limited surface sampling on available exposed mine openings has delimited approximately 200,000 tons of ore valued at $10/ton for a gross contained metal value of $2 million. The central portion of the vein in this area has not yet been sampled, and we feel that,

when such sampling is accomplished, significant increases in value will be obtained. Further to the north along the same structure, we have been able to use a backhoe excavator to cut through accessible portions of the vein. From initial samples, we have indications that ore may average in the range of $50/ton and be subject to open cut mining over a distance in excess of 120 feet and a width of approximately 40 feet. This 4,800 tons of rock will have a gross contained metal value in the range of $240 thousand for each 13 feet in depth. Since the Contention dike and vein are exposed at or near the surface for the greater part of one mile, we envision that, conservatively, several millions of dollars in precious metal values can be extracted from inexpensive surface operations. Indeed, test mining and cyanide heap leach procedures have indicated that mining rates of 1,200 tons per day can be attained, and that combined mining and heap leaching costs will approximate $5/ton. Mining and processing of this material is currently underway and is expected to yield a profitable operation which will pay the ongoing expenses of the operation and support a small exploration program. Backhoe trenching along the Contention vein is continuing. Vein material exposed in these trenches is sampled, assayed, and undergoes metallurgical testing to determine its suitability for the heap leach extraction process. The details of this testing procedure may be found in Appendix 3.

Exploration Program for Additional Ore Reserves

The previously mentioned Butler-Wilson report defines numerous exploration targets within the Tombstone District almost without exception confined to the Tombstone Development Company ground held under lease by The Tombstone Exploration Company. For the most part, these reserves will be high grade bonanza type ore bodies that will have to be mined by underground methods. However, there are some indications that near-surface ore zones might also be found. Such zones could include high grade bonanza deposits covered by soil, overburden, or unfavorable sedimentary units. There might also be zones of disseminated precious metal mineralization in Bisbee group sediments, which could justify an intermediate sized open pit operation. In spite of this potential for previously unrecognized near-surface reserves, the history of the district and geology from the Butler-Wilson report suggests the best potential for the largest volume and highest grade ore bodies will be along rolls (anticlines) and fissures similar to those ore bodies mined during the district's early productive history.

The documented production of the entire district from discovery in 1877 to 1937 was $37 million. In today's prices, this translates to a production total of approximately $500 million (see Appendix 4). It is axiomatic in the mining industry that the best place to look for new ore zones is around old, previously productive mines. As mentioned earlier in this report, depressed metal prices resulted in the closing of the Tombstone mines, not exhaustion of ore reserves. Documentation in the Butler-Wilson report indicates

numerous untested zones above, below, and adjacent to previously mined ore bodies. Under today's price and technological conditions, these ore zones can be mined at a substantial profit. Further, geologic extrapolation indicates that there are numerous areas with favorable geology that have been completed untested. In fact, the area between the Tombstone Basin and the Tombstone Extension Mine area lying to the east, lay under cover and was completely unreachable by the early day miners. This area alone could contain as much reserves as the central part of the old Tombstone Mining District. Thus, it is reasonable to assume that, at minimum, new reserves which might be discovered would be equilivent to reserves previously mined.

The exploration for these additional reserves will be laborious and necessitate meticulous, painstaking devotion to detail. However, it will not be technologically difficult. In brief summary, required steps will be as follows:

1. Surveying of a base triangulation grid, and the preparation of a detailed photogrametrically prepared topographic map at a scale of 1"=200' with 5' contour intervals. A matching ortho photo base will provide cultural features for this map.

2. Detailed surface geologic features will be mapped using this accurate base, and underground workings will also be tied to the surface base map.

3. Underground geology available through early records related to the Butler-Wilson report will be tied to surface geology.

4. Geochemical rock chip and soil sample surveys will be run over the surface. Computer techniques will be used to reduce this data and tie it to the surface geology and underground data.

5. Closely spaced profile lines using a proton precession magnetometer will be used to delineate faults, fissures, dikes, and anticlinal features (rolls).

6. Initial drilling will be conducted using a reverse circulation down-the-hole-hammer percussion drill with drill holes penetrating to an initial depth of 500'. Coreboards from these drill holes will be used to make geologic correlations with potential ore-bearing horizons. Followup drilling will be conducted with diamond coring equipment, and the need for deeper drilling determined.

7. During the drilling program, detailed cross sectional logs will be compiled so that increasing accuracy in delineating ore bodies will be attained through the cumulative geologic data.

The program outlined above would cost in the range of $500 thousand, but should delimit at minimum ore zones between zero and 500 feet containing not less than $100 million in gross contained base and precious metals. Some of these ore bodies should be similar to bonanza ore zones developed during the early history of the Tombstone Mining District, with ore values at present prices ranging in the $300 to $500 range. Lower grade ore zones exploitable by modern bulk underground mining techniques are also expected to be delimited. While the existence of such ore bodies is suspected, because the early day miners concentrated on high grade material, there is no data from which to extrapolate possible size or grade of such anticipated ore zones. Because of the similarities in rock type between the Bisbee group sediments at Tombstone and the disseminated precious metal ores in sediments in other areas of the West, as well as indications from preliminary surface sampling undertaken within the district to date, there is relatively strong supportive evidence for the existence of such as yet unproved ore zones.

APPENDIX 2

HEAP LEACH TEST WORK

During the period between 1975 and 1978, the 71 Minerals Ltd. partnership collected all the old mine waste dumps which contained low grade gold and silver values from most of the old shafts in the Tombstone District and moved them to a large leach pad. This dump material was then leached by using a standard cyanide leach solution with a Merrill Crowe precipitating unit with large filter presses used to filter the precious metal precipitates. The heap accumulated by 71 Minerals Ltd. is approximately 1,500' long and 400' wide with a height of approximately 100'. It contains approximately 1 million tons of mine-run dump rock accumulated from the various shafts in the Tombstone District. The cost of transportation of dump material to the 71 Minerals heap is estimated conservatively at $1 million. This heap, we believe, forms one of the major assets of the current work by The Tombstone Exploration Company.

The heap was leached from 1975 through 1977. However, because of various technical and economic factors, it is probable that significant amounts of recoverable precious metal still remain in the heap material. Technical reasons for the incomplete leaching of the 71 Minerals Ltd. heap included the following:

1. Material was not crushed nor sizes segregated for efficient treatment. Precious metal prices (silver - $4.50 in 1975 to $5.00 in 1977; gold - $125 in 1975 to $170 in 1977) would not justify such treatment.

2. Layers of dump material were placed in lifts averaging 25' in thickness - a thickness too great to allow for efficient leaching because of: a) poor oxygen penetration resulting in inefficient dissolving power of the cyanide solution, b) development of channels in which leached solution coursed rapidly through more porous areas, leaving areas between the channels completely unleached. Through research conducted in the last two years, we know that heap depths should be limited to approximately five feet.

3. Lack of efficient management.

APPENDIX 2 (cont'd)

Coupled with the substantially increased precious metal prices of $12.75 silver vs. $5.00 silver, and $335 gold vs. $170 gold, when the 71 Minerals Ltd. leach was terminated, as well as the above reasons, we believe that there are substantial additional profitably recoverable precious metal values in the dump. Further, it is known that after heap leach dumps have lain dormant for weeks or years, additional precious metal values are soluablized and available for releaching.

In order to test the 71 Minerals Ltd. heap to determine more exactly the recoverable precious metal content, the following work is currently ongoing:

1. Approximately 10,000 tons of dump material has been pushed from the surface of the heap off the north side where it has been thoroughly mixed and reconstituted. It is believed that this remixing will allow fresh mineral surfaces to be exposed to the cyanide leach solutions. A small 100 ton per day Merrill Crowe cyanide plant of a new innovative design will be used to spray and test leach this material as an indication of what can be done to the remainder of the heap.

Appendix 2 (Cont'd)

2. A sampling and metallurgical test program on rock from the heap will be made. If results are encouraging, the test work will continue. This test work will be done as follows:

   a. A large backhoe will be used to make cuts in the surface of the heap at each corner of a 100' square. Samples will be taken of material from 0'-10' and from 10'-20' in depth. A minimum 10 ton sample will be taken from each interval so that, for each corner of the square, 20 tons will be taken, or a total of 100 tons for the sample block.

   b. Each 10 ton sample will be split using the backhoe so that two 5 ton splits of each interval will be available.

c. Screen tests on a 250-500 pound sample split from one of the five-ton ~~splits~~ piles will be made. The screen analysis will be of dump-run rock, which is +1-1/2", -1-1/2", -1", -3/4", -1/2", and -1/4". A 50-pound barrel test will be made to determine the soluable amount of silver and gold in each of these size fractions. Further, one additional barrel test on ~~mine~~ dump-run rock, which is not screened, will also be made.

The purpose of these tests is to determine which size fraction contains a significant amount of gold and silver, or whether all size fractions contain approximately equal amounts. In most mining operations, it is found that the precious metal is concentrated in a particular size fraction; e.g. 50% of the ore values might be found in the -1/2" +1/4" fraction, and 30% might be found in the -1/4" fraction. If this were the case, then 80% of the gold and silver might be contained in the -1/2" fraction, suggesting that by a simple and inexpensive screening process a large percentage of the material need not be treated. If we find this to be the case at Tombstone, then a simple screening plant can be installed to separate out the high grade rock from the lower grade rock, and leach operations can be concentrated on the high grade size fraction.

d. A second 200-500 pound sample will be taken from one of the five-ton ~~splits~~ piles in a manner like that for the sample described in c. This material will be run through the test-screen system as

was done for the sample described in c. However, in this case, the +1-1/2" fraction, the minus 1-1/2" fraction, the 1" fraction, the 3/4" fraction, and the 1/2" fraction will be run through crushing units and crushed to a variety of sizes, probably 1", 3/4", 1/2" and 1/4", and then barrel test leached. This series of tests will show whether crushing to various sizes will liberate a justifiably significant amount of gold and silver to make the crushing operation a logical and economically feasible procedure. For example, if we find that crushing all of the material that is larger than 1-1/2" to a size that will pass through a 3/4" screen will yield additional gold and silver greater than the cost of crushing, then a profit for the crushing is indicated and the Tombstone operation can profitably screen all of the mine-run rock and crush that fraction that is above 1-1/2" down to ~~1/4"~~ -3/4".

By following the above outlined procedure, we can determine the optimum screening and crushing sizes and relate that to the costs of crushing and screening and thereby install the most cost effective metallurgical plant for the Tombstone heap leach.

APPENDIX 3

Contention Vein Test Work

The Contention dike, one of the north-trending intrusive features which contains the Contention vein system, stretches for approximately one mile between the Grand Central Shaft on the south and the Empire Shaft near the outskirts of Tombstone to the north. The Contention mine was one of the first areas discovered by Ed Schieffelin in 1877. The Contention dike and vein system is probably the singularly most productive zone within the

district and has accounted for approximately 25% of the total production. Under today's price conditions of $10/ounce silver and $300/ounce gold, production from the Contention mineral zone would be worth approximately $100 million.

Initial test work performed by Southwestern Exploration Associates, Inc. consisted of sampling of wall rock in the Contention mine open cut. The open cut is actually an area where rock has been removed from beneath by underground mining methods, resulting in an opening along the Contention dike averaging about 40' in width and 600' in length. Underground openings of unknown location and size below this area make it too dangerous to run heavy mining equipment across. Therefore, this area will be mined by dragline equipment.

Sampling around the edge of the Contention open cut indicates that for every 13' in depth, approximately 200,000 tons of material averaging $10/ton in contained silver and gold at a $10/ounce silver and $300/ounce gold price. Because some of the original vein material will be encountered during the mining operation, we believe that actual values will be much higher than those obtained in the initial sampling operation. However, the exact grade of this material is subject to a number of uncertainties, which make putting a dollar figure to it unrealistic.

The Contention vein continues northward from the north edge of the Contention open cut to the vicinity of the 71 Minerals leach operation, a distance of approximately 1,000'. Initial test work of this extension of the Contention vein system has been undertaken using a track-mounted backhoe. This backhoe has the capability of cutting approximately 20' in depth into the vein, opening a trench two or more feet wide so that geologists can map and sample the vein system. This work is continuing. To date, however, several backhoe cuts have been made which have exposed unmined vein material, as well as backfilled mine

openings which probably date back to the late 1870's. Vein material tested so far averages up to $50/ton (Ag $10/ounce, Au $300/ounce) over a widths of up to 50'. One high grade zone which went undiscovered by the early day miners, averaged $142/ton over a 2' width. Also, a small pod of massive lead ore, containing approximately $1,000/ton in lead, silver, and gold values was encountered. While this occurrence was too small to be mined itself, it does indicate that similar but larger zones may be encountered.

Further test work will obviously have to be performed on the extension of the Contention vein north of the Contention open cut, and indeed, this additional test work is currently underway. However, reasonable geologic projections suggest that similar mineralization may be found over a length of at least 1,000' between the north end of the Contention open cut, and the south end of the 71 Minerals leach area. Assuming a width of 20' of vein material that would be economical to mine, 20,000 tons of material would be generated for each 13' in depth. The backhoe equipment currently in use can easily mine down to a depth of 20-26' so that 40,000 tons of material will easily be available. Assuming this material would contain $50 in recoverable values per ton, which seems to be indicated by preliminary work, $2 million in gross metal values should be obtainable. Including the material mineable from the Contention open cut, which as already stated contains 200,000 tons at an average grade of $10/ton for each 13' in depth, there should easily be $4 million in recoverable gold and silver available at "grass roots" along the central part of the Contention vein.

Ongoing test work to delimit these reserves includes the following:

1. continue backhoe trenching to a depth of 20' spaced at 50' interv

2. geologic mapping of the vein exposures.

3. assay sampling across the exposed vein.

4. cyanide leach tests including crushing and screening tests and barrel testing of the various size fractions relating to determination of the optimum processing plant.

P-418

MEMO

To: S.E.A. Staff

From: JAB

Date: August 9, 1979

Re: RESIGNATION OF RICHARD F. HEWLETT AS PROGRAM MANAGER OF P-418 AND VICE PRESIDENT, S.E.A. HYDROMET, INC.

This memo will serve as notice to all S.E.A. personnel that, effective August 7, 1979 at 5:30 p.m., Richard F. Hewlett is no longer associated with S.E.A. Hydromet, Inc., Southwestern Exploration Associates, Inc., or the Tombstone Project, (P-418).

This resignation was mutually agreed upon by Dick and myself, as his association with the Tombstone Project was simply not working out as originally planned.

Tom Waldrip will be handling much of the Tombstone Project in the future, with myself as backup to this activity. This will, of course, put a strain on the workloads of both of us and will necessitate our being out of the office with greater frequency during the coming months. Your cooperation with this management change will be most appreciated.

Be assured that the Tombstone Project still holds good potential for S.E.A. -- our trip to Tombstone yesterday, August 8, 1979, re-assured both Tom and myself that we have the cooperation of the workers and the townspeople and suppliers with whom Dick had worked. We're confident that, with this cooperation and the changes in management, the Tombstone Project can be turned around.

JAB:cmd
P-418

DAY/TIMER time-Saver

Southwestern Exploration Associates
4500 E. SPEEDWAY, SUITE 14
TUCSON, ARIZONA 85712
(602) 795-6097

LETTER P-418

IN REFERENCE TO: Tombstone Proj. Cochise Co, Ariz.

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FOR Mr. Jack Shelburne
Mineral Management Inc.
1500 W. Shaw Ave. Suite 404
Fresno California, 93711

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Type or write your reply in the space below. Then mail the white copy to us and keep the pink copy for your files. You'll save time and effort, and we'll have your answer much faster! Thank you.

MESSAGE

FOLD

DATE 9/20/79

Dear Jack;

As per our telephone conversation of yesterday enclosed is a draft of our proposal on the Tombstone Project. If you find it of interest I'll supply you with more info as it is available.

Also enclosed is a brochure on SEA Inc.

SIGNED J. A. Brunson

REPLY

DATE FOLD

SIGNED

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