



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](mailto:inquiries@azgs.az.gov)

The following file is part of the JABA, Inc. Tombstone Mining Records

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**FILE**

Tombstone M.D., Cochise Co. AZ  
TDC Correspondence

Friday, October 18, 1996

Jerry Niedfelt  
Tombstone Development Company Inc.  
P.O. Box 1445  
1028 S. Adams  
Grand Island, NB 68802

Dear Jerry:

I've looked through all my files for the correspondence that you and Barry requested and have found nothing - not surprising as you have an exact copy of our files. Neither was I able to find copies of my field sheets showing the overall locations of the samples taken by Gary Lindroos for cyande content. However, I am sending you orthophotos of the area, and Gary's field sheets can be re-created on the master orthophotos.

Sincerely,



James A. Briscoe

**TOMBSTONE  
DEVELOPMENT  
CO.  
Active Files  
Jan. 1993 -  
Dec 31, 1993**



**JABA (US) Inc.**  
**Mining Exploration**



2766 North Country Club Road  
Tucson, Arizona 85716-2204  
(520)327-7440 Fax(520)327-7450

October 18, 1996

Mr. Jerry Niedfelt, President  
Tombstone Development Company, Inc.  
P. O. Box 1445  
1028 South Adams  
Grand Island, NE 68802  
(308) 382-7480

*Faxed -  
orig. never sent  
JJS*

RE: History of the water diversion around the "dump" line to the west of the old assay building.

Dear Jerry:

If you will refer to the memo to Jesse Grassman from James A. Briscoe and Thomas E. Waldrip, Jr., December 6, 1993, you will find concise directions on the various clean up procedures that were taken. These were largely completed. Additionally, during the spring of 1994, we received permission from the Arizona Department of Environmental Quality (ADEQ) to cover the large mine tire dump on the northwest end of the runway mine dump. These mine tires, in excess of 36" in diameter, were covered using a bulldozer. The area of coverage was then marked with aerial photo flagging, so that it could be identified and located at any point in the future. Other documents of which we have provided copies trace the history recited below.

A wildcat trash dump with a rather long and involved history was started to the west of the old assay house. This area had apparently been used by TEI and later by Cowichan/PBR Minerals as a waste dump, and its use for that purpose preceded permitting laws that would be required today. After TEI had abandoned the property, the dump was cleaned up at the request of Mr. Bill Hight by the TEI mine contractor. Some minor dumping may have been done by Cowichan/PBR Minerals, but to only a minor extent. After Cowichan/PBR Minerals went into bankruptcy, Mr. Dustin ("Dusty") Escapule contracted for demolition of several houses in the town of Tombstone. He used this dump site to dispose of the demolition material from these private residence homes. He had no permission from any one to do so, and was observed in the act by a senior member of the Tombstone Volunteer Fire Department. He was subsequently charged with wildcat dumping, and brought to trial, and convicted. His sentence included some

Page 1 of 2

JABA (US) Inc. is a subsidiary of JABA Inc., a public company, ASE, Canada, Stock symbol JBA  
James A. Briscoe, President JABA (US) Inc. (CEO JABA Inc.), Registered Geologist Arizona #9424 California #518  
John M. Guilbert, Ph.D., Chairman of the Board JABA Inc., Professor Emeritus University of Arizona  
Donald A. Sharpe, President JABA Inc., Geophysicist/MBA

restitution for the dumping activity, but probably insufficient to clean up his wildcat material.

As part of Jesse Grassman's cleanup activity, we consolidated all flammable materials, i.e., brush and wood, old telephone posts, as well as all of the demolition material from Dustin Escapule's activity. This was consolidated and a burn of this material was conducted by the order of the Tombstone Volunteer Fire Department, thus destroying all flammable material. Remaining metal, ash, etc. were picked up and taken to the Tombstone City Dump - the same location of all other solid waste material taken from the mine site. Because the bulldozer was available, we then cleaned up the roads below the dump that were filled with boulders and pushed them up against the face of the dump on both sides of the ravine in which the dump resides. Bulldozer cuts were made along the north and south sides of the dump area to channel surface water away from the face of the dump and channel it back into the canyon below the dump site. The dump was smoothed off on the top. However, because there was no closure plan and permission to close, the front face of the dump was left open and remains so today.

Very truly yours,

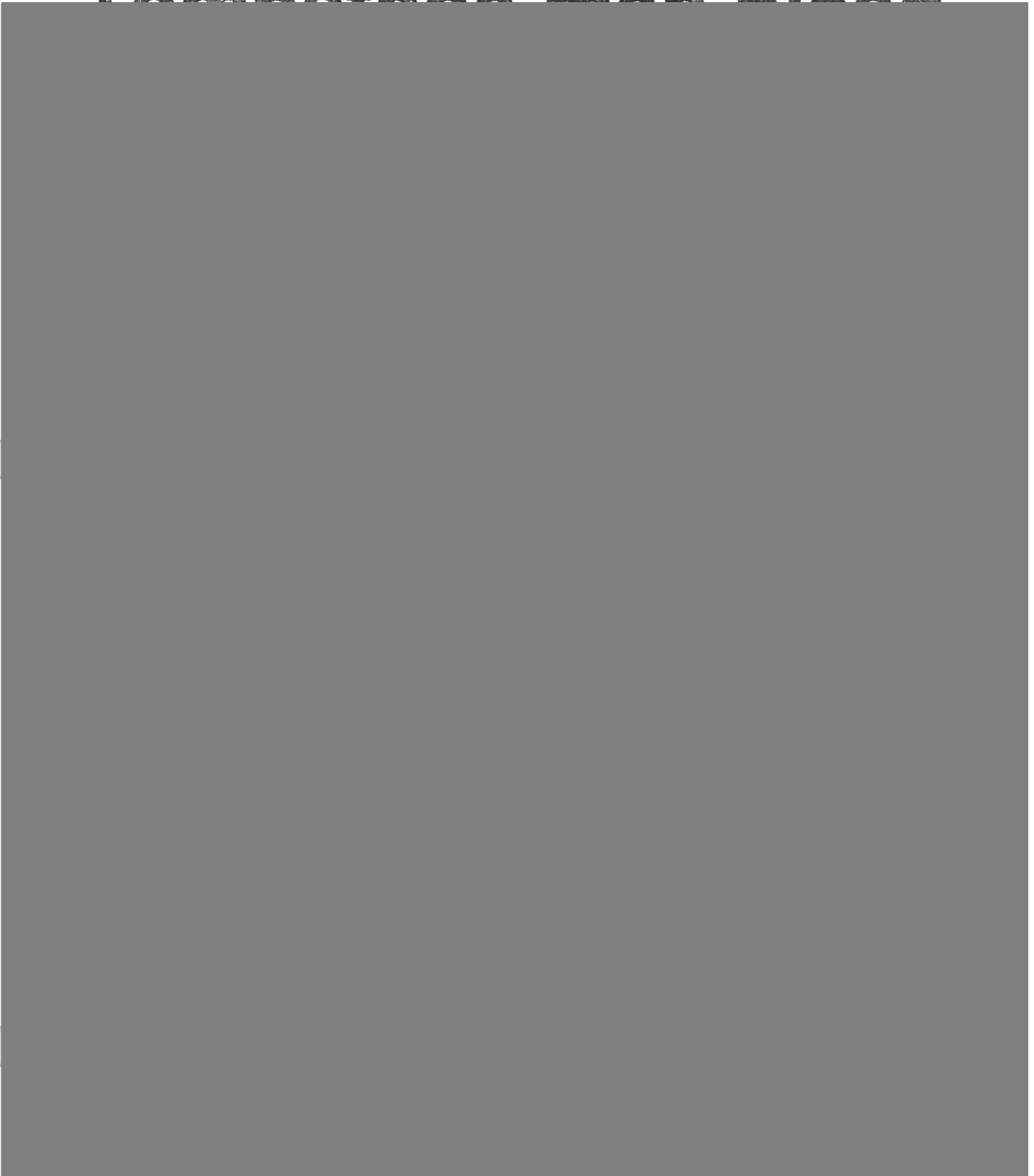
A handwritten signature in dark ink, appearing to read "James A. Briscoe", written in a cursive style.

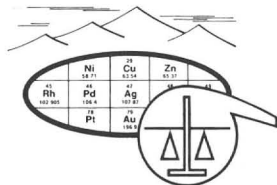
James A. Briscoe

JAB/msb

Sierra Vista Herald/Bisbee Review, Thursday, January 27, 1994

## Tombstone men plead





SKYLINE LABS, INC.  
1775 W. Sahuarro Dr. • P.O. Box 50106  
Tucson, Arizona 85703

JOB NUMBER TFO078

July 6, 1994

HN03 1-3

PAGE 1 OF 1

JABA, INC.

Attn: Mr. James Briscoe

5610 E. Sutler Lane

Tucson, AZ 85712

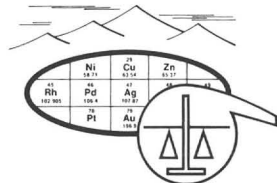
REPORT OF ANALYSIS

Analysis of 3 Solutions

ITEM	SAMPLE NO.	As (mg/L)	Cd (mg/L)	Hg (mg/L)	Se (mg/L)	Zn (mg/L)	Ba (mg/L)	Cr (mg/L)
1	HNO3 1	< .1	< .05	< .05	.08	29.	1.0	29.
2	HNO3 2	< .1	< .05	< .05	< .05	29.	1.1	41.
3	HNO3 3	< .1	< .05	< .05	< .05	36.	7.9	30.

ITEM	SAMPLE NO.	Ni (mg/L)	Sb (mg/L)	Ag (mg/L)	Be (mg/L)	Cu (mg/L)	Pb (mg/L)	Tl (mg/L)
1	HNO3 1	67.	< .1	.03	< .05	43.	28.	< .01
2	HNO3 2	71.	< .1	.02	< .05	47.	30.	< .01
3	HNO3 3	71.	< .1	.02	< .05	49.	24.	< .01

REGISTERED ASSAYER  
CERTIFICATE NO. 9425  
William L. Lehmbek  
Manager  
7/6/94



SKYLINE LABS, INC.  
1775 W. Sahuarro Dr. • P.O. Box 50106  
Tucson, Arizona 85703

JOB NUMBER TFO078  
July 6, 1994  
HN03 1-3  
PAGE 1 OF 1

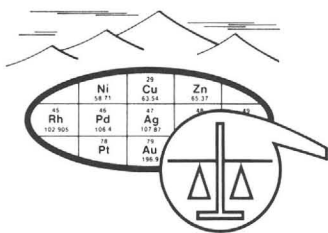
JABA, INC.  
Attn: Mr. James Briscoe  
5610 E. Sutler Lane  
Tucson, AZ 85712

REPORT OF ANALYSIS

Analysis of 3 Solutions

ITEM	SAMPLE NO.	As (mg/L)	Cd (mg/L)	Hg (mg/L)	Se (mg/L)	Zn (mg/L)	Ba (mg/L)	Cr (mg/L)
1	HNO3 1	< .1	< .05	< .05	.08	29.	1.0	29.
2	HNO3 2	< .1	< .05	< .05	< .05	29.	1.1	41.
3	HNO3 3	< .1	< .05	< .05	< .05	36.	7.9	30.

ITEM	SAMPLE NO.	Ni (mg/L)	Sb (mg/L)	Ag (mg/L)	Be (mg/L)	Cu (mg/L)	Pb (mg/L)	Tl (mg/L)
1	HNO3 1	67.	< .1	.03	< .05	43.	28.	< .01
2	HNO3 2	71.	< .1	.02	< .05	47.	30.	< .01
3	HNO3 3	71.	< .1	.02	< .05	49.	24.	< .01



# SKYLINE LABS, INC.

1775 W. Sahuaro Dr. • P.O. Box 50106  
Tucson, Arizona 85703  
TEL. (602) 622-4836 FAX: (602) 622-6065

## INVOICE NET 15 DAYS

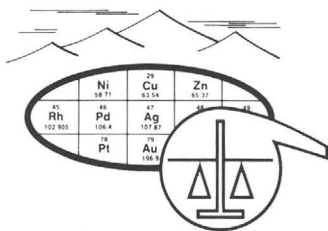
Job No. TFO 078  
July 6, 1994  
HN03 1-3

JABA, INC.  
Attn: Mr. James Briscoe  
5610 E. Sutler Lane  
Tucson, AZ 85712

### Analysis of 3 Solutions

3 As (mg/L) @ \$6.30	.....	\$18.90
3 Cd (mg/L) @ \$3.45*	.....	\$10.35
3 Hg (mg/L) @ \$7.95	.....	\$23.85
3 Se (mg/L) @ \$6.30	.....	\$18.90
3 Zn (mg/L) @ \$3.45*	.....	\$10.35
3 Ba (mg/L) @ \$6.30	.....	\$18.90
3 Cr (mg/L) @ \$6.30	.....	\$18.90
3 Ni (mg/L) @ \$6.30	.....	\$18.90
3 Sb (mg/L) @ \$6.30	.....	\$18.90
3 Ag (mg/L) @ \$6.30	.....	\$18.90
3 Be (mg/L) @ \$6.30	.....	\$18.90
3 Cu (mg/L) @ \$3.45*	.....	\$10.35
3 Pb (mg/L) @ \$3.45*	.....	\$10.35
3 Tl (mg/L) @ \$6.30	.....	\$18.90
Total		\$235.35

\* Multi Element Discount



# SKYLINE LABS, INC.

1775 W. Sahuaro Dr. • P.O. Box 50106  
Tucson, Arizona 85703  
TEL. (602) 622-4836 FAX: (602) 622-6065

## INVOICE NET 15 DAYS

Job No. TFO 078  
July 6, 1994  
HN03 1-3

JABA, INC.  
Attn: Mr. James Briscoe  
5610 E. Sutler Lane  
Tucson, AZ 85712

### Analysis of 3 Solutions

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3 Hg (mg/L) @ \$7.95	.....	\$23.85
3 Se (mg/L) @ \$6.30	.....	\$18.90
3 Zn (mg/L) @ \$3.45*	.....	\$10.35
3 Ba (mg/L) @ \$6.30	.....	\$18.90
3 Cr (mg/L) @ \$6.30	.....	\$18.90
3 Ni (mg/L) @ \$6.30	.....	\$18.90
3 Sb (mg/L) @ \$6.30	.....	\$18.90
3 Ag (mg/L) @ \$6.30	.....	\$18.90
3 Be (mg/L) @ \$6.30	.....	\$18.90
3 Cu (mg/L) @ \$3.45*	.....	\$10.35
3 Pb (mg/L) @ \$3.45*	.....	\$10.35
3 Tl (mg/L) @ \$6.30	.....	\$18.90
Total		\$235.35

\* Multi Element Discount

COPY

TO WILBSTONE

Development

COMPANY

Files 1993

2006-01-0153



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<b>JANUARY</b>	
<b>FEBRUARY</b>	
<b>MARCH</b>	
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<b>JULY</b>	
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<b>DECEMBER</b>	

FILE

Proj. File

FAX TRANSMITTAL

# of Pages 7

TO: Terry Niedfelt FROM: J.A. BRISCOE

CO: Tombstone Dev. Co. JABA, INC.

DATE: 2/9/93 PHONE: (602) 721-1375

FAX # (308) 382-7482 FAX # (602) 298-6688 \*2

COMMENTS \_\_\_\_\_



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

February 9, 1993

Mr. Jerry Niedfelt  
President  
Tombstone Development Company Inc.  
P.O. Box 1445  
Grand Island, NB USA 68802

Dear Mr. Niedfelt,

Re: Bill for services and expenses Jan. 1 through Jan. 31, 1993

Submitted with this letter is our bill for services over the above time period.

As before there are certain itemized payments to individuals and companies that are under the heading "Additional charges:" and marked no charge. This means there is no charge from JABA Inc. but remuneration should be made as specified in the notes.

The current charges directly payable to JABA as of the end of January are \$5,176.51.

Very truly yours;

A handwritten signature in cursive script, appearing to read "James A. Briscoe".

James A. Briscoe  
JN 02/09/93



JABA Inc.  
2100 N. Wilmot Rd. Suite 218  
Tucson AZ 85712

Submitted to: Jerome Niedfelt

Tombstone Development Co.  
P. O. Box 1445  
Grand Island, NE 68802

February 9, 1993

RE: January 1993 Billing

Environmental Consulting for Aquifer Protection Permit (APP) for  
Closure/Opening Tombstone Development Co. Properties, Tombstone Mining  
District, Cochise Co., AZ

		<u>Hours</u>	<u>Amount</u>
01/02/93	JAB Telephone call from Don Bell, Re: Tombstone.	0.25	12.50
	JAB Telephone call from Gary Lindroos, Re: Results of Sampling.	0.25	12.50
01/04/93	JAB Telephone call from Jerry Niedfelt, Re: Update on Tombstone.	0.50	25.00
01/06/93- 01/08/93	TEW Memo & letters on claim problems - request for information. Review notebook info on water permit. Copy title info and put into notebooks with Pete listing info need to continue work on title search.	12.75	573.75

		<u>Hours</u>	<u>Amount</u>
01/07/93	MAB Secretarial Typing.	1.25	25.00
01/08/93	JAB Telephone call to Jerry Niedfelt.	0.25	12.50
01/19/93	JAB Telephone call to Jerry Niedfelt, Re: Water results from Tombstone wells (See Action+ Notes).	0.50	25.00
01/20/93	JAB Telephone call from Gary Lindroos, Re: Tombstone water samples.	0.75	37.50
	JAB Telephone call to Jerry Niedfelt, Re: Pumping of TEI#2 well.	0.25	12.50
01/20/93- 01/21/93	JAB Work on TDC ADEQ report.	7.75	387.50
01/20/93	JAB Telephone call from Gary Lindroos.	0.50	25.00
	JAB Telephone call to Jerry Niedfelt.	0.25	12.50
	JAB Telephone call from Steve Henderson.	0.25	12.50
	JAB Telephone call from Jerry Niedfelt, Re: Bell coming down?	0.25	12.50
	JAB TDC General & Administrative.	0.75	37.50
01/21/93	TEW Start Master Claim List of TDC claims (unpatented) of Tombstone.	1.00	45.00

		<u>Hours</u>	<u>Amount</u>
01/22/93	JAB Meeting with Jerry Niedfelt to review Tombstone details.	1.00	50.00
01/23/93	JAB Meetings at Tombstone property with Karl Kansberg (USMX), Jerry Niedfelt, and Steve Henderson; tour of property & checked rock piles for potential sale. (one-half charge)	5.50	275.00
01/25/93	JAB Telephone call to Jerry Niedfelt, Re: Scrap at Tombstone.	0.25	12.50
	JAB Telephone call from Don Bell, Re: Don't pump nitrate laden well water into the unlined surge pond.	0.25	12.50
	JAB Telephone calls to Steve Henderson.	1.00	50.00
01/26/93	JAB Telephone call from Don G. Bell, Re: Shouldn't pump well (See Action+ Notes).	0.75	37.50
	JAB Telephone call to Jerry Niedfelt, Re: Reviewed conversation with Don Bell.	0.75	37.50
	JAB Telephone call to Steve Henderson, Re: Well problems (See Action+ Notes).	0.75	37.50
01/27/93	JAB Telephone call to Jim Knox, Re: Test wells around TEI#2.	0.50	25.00
	JAB Telephone call to Jerry Niedfelt, Re: USMX will help.	0.75	37.50

		<u>Hours</u>	<u>Amount</u>
01/27/93	JAB Telephone call from Dave Anderson (ADEQ), Re: Further work at TEI#2 site (See Action+ Notes).	0.75	37.50
	JAB Telephone call to Jerry Niedfelt, Re: Update on drilling.	0.25	12.50
	JAB Telephone call from Dennis Lance (USMX).	0.50	25.00
01/28/93	JAB Telephone call to Jim Knox, but talked with Dennis Lance & Bob Hemming.	0.50	25.00
	JAB Telephone call to Dave Anderson (ADEQ).	0.25	12.50
	JAB Telephone call to Jerry Niedfelt.	0.50	25.00
01/29/93	JAB Telephone call from Dave Anderson (ADEQ).	0.25	12.50
	JAB Reviewed paperwork faxed from USMX on drilling permit.	1.00	50.00
	JAB Telephone call to Mike Ball (AZDWR), Re: Can't get drilling permit because Drilling Services isn't licensed for water well drilling.	1.00	50.00
	JAB Telephone call from Don Bell, Re: Review of report.	0.75	37.50
	JAB Telephone call to Drilling Services.	1.25	62.50
		<hr/>	<hr/>
	For professional services rendered	46.00	\$2,193.75

QtyAmount

## Additional charges:

01/01/93- JAB	What For: Labor to do Water Well	1	NO CHARGE
01/03/93	Sampling. Pay Who: Steve Henderson, Tombstone, AZ. (12 hours @ \$15/hr. = \$180.00) HOW TO BE PAID: TDC needs to pay Steve Henderson directly.		
- JAB	What For: Labor to do Water Well	1	NO CHARGE
	sampling. Pay Who: Jess Grassman, Tombstone, AZ. (11 hours @ \$7.60/hr. = \$83.60) HOW TO BE PAID: TDC needs to pay Jess Grassman directly.		
01/02/93- JAB	What For: Professional Services	1	315.00
01/03/93	for Sampling Water Wells. Who Paid: Gary A. Lindroos, P.O. Box 1011, Tombstone, AZ 85635. (Total of 9 hours @ \$35/hr.) HOW TO BE PAID: TDC needs to pay JABA, as Gary Lindroos was paid with JABA Cheque #11237.		
01/13/93 MAB	What for: Mailing of Report.	1	4.10
	Paid to: Postmaster, Tucson, AZ. How Paid: JABA CHEQUE #11229.		
JAB	What For: Chemical Supplies for	1	NO CHARGE
	Water Well Sampling. Pay Who: American Analytical Laboratories, 3441 E. Milber St., Tucson, Az 85714. HOW TO BE PAID: TDC needs to pay American Analytical directly, Invoice #0022446-IN is enclosed.		

		<u>Qty</u>	<u>Amount</u>
01/20/93	JAB What for: Pack of Nitroven 5, 100 Pillow Blocks for water sampling. Paid to: Hach Co., Loveland, CO. How Paid: Visa #326.	1	50.69
01/21/93	JAB Fax Charges to 1/27/93, time 11:48.	31	31.00
01/23/93	JAB Mileage charge for trip to Tombstone, 159 miles total. (one-half charge)	79.5	39.75
01/28/93- 01/29/93	JAB Fax Charges to 2/2/93, time 14:08.	10	10.00

Total costs

---

\$450.54

Total amount of this bill

---

\$2,644.29

Previous balance

---

\$2,532.22

Balance due

---

\$5,176.51

---





# American Analytical Laboratories

TOMDEV

3441 East Milber St., Tucson, AZ 85714

Tucson 602-889-5787

FAX 602-294-1753

TOMBSTONE DEVELOPMENT CORP.  
C/O MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON AZ  
85712

CUST P.O.#  
LAB #13539 WELL WATER 1-5

## INVOICE

Date	No.	Page
01-13-93	0022446-IN	1

PLEASE RETURN TOP PORTION WITH PAYMENT

Code	Analysis	Units	Price	Amount
353.2	NITRATE	1	11.000	11.00
MISC	8 HEAVY METALS	6	105.000	630.00
335.2	CYANIDES	6	16.500	99.00
MISC	WEAK ACID DISSOCIABLE	6	16.500	99.00
MISC	LESS 10% DISCOUNT	1	83.900-	83.90-

INVOICE #22446

*Charge to TDC P-101-01*

TERMS: NET 30 DAYS. DELINQUENCY CHARGES OF 2% PER MONTH TO  
APPLY ON BALANCES UNPAID BY THE LAST DAY OF MONTH FOLLOWING  
MONTH OF PURCHASE.

American Analytical Laboratories  
3441 East Milber, Tucson, AZ 85714  
(602) 889-5787

Sub-Total	755.10
Tax	
Total	
Net To Pay	755.10

Date 02/09/93  
Time 10:42 am

JABA Inc.  
Client Billing Worksheet

Page 1

Selection criteria:

Date range :01/01/93 through 01/31/93  
Slip numbers :All  
User :All  
Client :TDC 101  
Activity/Task :All  
Custom Fields :All  
Reference :All  
Slip status :Billed slips and transactions excluded  
Other options :  
    Print Bills that are "paid in full" :Yes  
    Include transactions outside date range :Yes  
    Print Bills with no activity :Yes

TDC 101 : Tombstone Development Co.  
          P. O. Box 1445  
          Grand Island, NE 68802  
In reference to : Environmental Consulting for Aquifer Protection Permit  
                  (APP) for Closure/Opening Tombstone Development Co.  
                  Properties, Tombstone Mining District, Cochise Co., AZ  
Rounding : None  
Full Precision : No

Interest rate : 18.000%  
Last bill : 01/29/93      Last aging : / /  
Last charge : 01/29/93  
Last payment : / /      Amount : \$0.00

Date/Slip#	Description	HOURS/RATE	AMOUNT	TOTAL
01/02/93	JAB-Jim Briscoe / TCF (tele.From)	0.25	12.50	
#47	Telephone call from Don Bell, Re: Tombstone.	50.00		
01/02/93	JAB-Jim Briscoe / TCF (tele.From)	0.25	12.50	
#49	Telephone call from Gary Lindroos, Re: Results of Sampling.	50.00		
01/04/93	JAB-Jim Briscoe / TCF (tele.From)	0.50	25.00	
#51	Telephone call from Jerry Niedfelt, Re: Update on Tombstone.	50.00		
01/06/93	TEW-TomWaldripJ / Correspondence	12.75	573.75	
#193	Memo & letters on claim problems - request for information. Review notebook info on water permit. Copy title info and put into notebooks with Pete listing info need to continue work on title search.	45.00		
01/07/93	MAB-MardeeBrisce / WORD PROCESSING	1.25	25.00	
#23	Secretarial Typing.	20.00		

Date 02/09/93  
Time 10:42 am

JABA Inc.  
Client Billing Worksheet

Page 2

TDC 101 :Tombstone Development Co. (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>HOURS/RATE</u>	<u>AMOUNT</u>	<u>TOTAL</u>
01/07/93	PB-PeteBondante / SECRETARIAL Gen	6.00	120.00	SLIP HOLD
#159	Copying & organization of (2) notebooks of water permit data from TDC.	20.00		
01/08/93	JAB-Jim Briscoe / TCT (Tele.To)	0.25	12.50	
#63	Telephone call to Jerry Niedfelt.	50.00		
01/11/93	TEW-TomWaldripJ / LandWorkGeneral	14.00	630.00	SLIP HOLD
#197	Charting title information on TDC claims, M.S., lotting, acreage, patent #, mineral cert., number of patented claims, patented owner location.	45.00		
01/19/93	JAB-Jim Briscoe / TCT (Tele.To)	0.50	25.00	
#92	Telephone call to Jerry Niedfelt, Re: Water results from Tombstone wells (See Action+ Notes).	50.00		
01/20/93	JAB-Jim Briscoe / TCF (tele.From)	0.75	37.50	
#98	Telephone call from Gary Lindroos, Re: Tombstone water samples.	50.00		
01/20/93	JAB-Jim Briscoe / TCT (Tele.To)	0.25	12.50	
#99	Telephone call to Jerry Niedfelt, Re: Pumping of TEI#2 well.	50.00		
01/20/93	JAB-Jim Briscoe / REPORT PREP.	7.75	387.50	
#100	Work on TDC ADEQ report.	50.00		
01/20/93	JAB-Jim Briscoe / TCF (tele.From)	0.50	25.00	
#102	Telephone call from Gary Lindroos.	50.00		
01/20/93	JAB-Jim Briscoe / TCT (Tele.To)	0.25	12.50	
#104	Telephone call to Jerry Niedfelt.	50.00		
01/20/93	JAB-Jim Briscoe / TCF (tele.From)	0.25	12.50	
#105	Telephone call from Steve Henderson.	50.00		
01/20/93	JAB-Jim Briscoe / TCF (tele.From)	0.25	12.50	
#107	Telephone call from Jerry Niedfelt, Re: Bell coming down?	50.00		
01/20/93	JAB-Jim Briscoe / G & A	0.75	37.50	
#108	TDC General & Administrative.	50.00		
01/21/93	TEW-TomWaldripJ / LandMap-Office	1.00	45.00	
#202	Start Master Claim List of TDC	45.00		

Date 02/09/93  
Time 10:42 am

JABA Inc.  
Client Billing Worksheet

Page 3

TDC 101 :Tombstone Development Co. (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>HOURS/RATE</u>	<u>AMOUNT</u>	<u>TOTAL</u>
#202..	claims (unpatented) of Tombstone.			
01/22/93	JAB-Jim Briscoe / Meeting	1.00	50.00	
#112	Meeting with Jerry Niedfelt to review Tombstone details.	50.00		
01/23/93	JAB-Jim Briscoe / GeoFieldTrip	5.50	275.00	
#114	Meetings at Tombstone property with Karl Kansberg (USMX), Jerry Niedfelt, and Steve Henderson; tour of property & checked rock piles for potential sale. (one-half charge)	50.00		
01/25/93	JAB-Jim Briscoe / TCT (Tele.To)	0.25	12.50	
#118	Telephone call to Jerry Niedfelt, Re: Scrap at Tombstone.	50.00		
01/25/93	JAB-Jim Briscoe / TCF (tele.From)	0.25	12.50	
#119	Telephone call from Don Bell, Re: Don't pump nitrate laden well water into the unlined surge pond.	50.00		
01/25/93	JAB-Jim Briscoe / TCT (Tele.To)	1.00	50.00	
#125	Telephone calls to Steve Henderson.	50.00		
01/26/93	JAB-Jim Briscoe / TCF (tele.From)	0.75	37.50	
#127	Telephone call from Don G. Bell, Re: Shouldn't pump well (See Action+ Notes).	50.00		
01/26/93	JAB-Jim Briscoe / TCT (Tele.To)	0.75	37.50	
#130	Telephone call to Jerry Niedfelt, Re: Reviewed conversation with Don Bell.	50.00		
01/26/93	JAB-Jim Briscoe / TCT (Tele.To)	0.75	37.50	
#131	Telephone call to Steve Henderson, Re: Well problems (See Action+ Notes).	50.00		
01/27/93	JAB-Jim Briscoe / TCT (Tele.To)	0.50	25.00	
#134	Telephone call to Jim Knox, Re: Test wells around TEI#2.	50.00		
01/27/93	JAB-Jim Briscoe / TCT (Tele.To)	0.75	37.50	
#135	Telephone call to Jerry Niedfelt, Re: USMX will help.	50.00		

Date 02/09/93  
Time 10:42 am

JABA Inc.  
Client Billing Worksheet

Page 4

TDC 101 :Tombstone Development Co. (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>HOURS/RATE</u>	<u>AMOUNT</u>	<u>TOTAL</u>
01/27/93 JAB-Jim Briscoe / TCF (tele.From) #136	Telephone call from Dave Anderson (ADEQ), Re: Further work at TEI#2 site (See Action+ Notes).	0.75 50.00	37.50	
01/27/93 JAB-Jim Briscoe / TCT (Tele.To) #138	Telephone call to Jerry Niedfelt, Re: Update on drilling.	0.25 50.00	12.50	
01/27/93 JAB-Jim Briscoe / TCF (tele.From) #140	Telephone call from Dennis Lance (USMX).	0.50 50.00	25.00	
01/28/93 JAB-Jim Briscoe / TCT (Tele.To) #144	Telephone call to Jim Knox, but talked with Dennis Lance & Bob Hemming.	0.50 50.00	25.00	
01/28/93 JAB-Jim Briscoe / TCT (Tele.To) #145	Telephone call to Dave Anderson (ADEQ).	0.25 50.00	12.50	
01/28/93 JAB-Jim Briscoe / TCT (Tele.To) #146	Telephone call to Jerry Niedfelt.	0.50 50.00	25.00	
01/29/93 JAB-Jim Briscoe / TCF (tele.From) #148	Telephone call from Dave Anderson (ADEQ).	0.25 50.00	12.50	
01/29/93 JAB-Jim Briscoe / G & A #150	Reviewed paperwork faxed from USMX on drilling permit.	1.00 50.00	50.00	
01/29/93 JAB-Jim Briscoe / TCT (Tele.To) #151	Telephone call to Mike Ball (AZDWR), Re: Can't get drilling permit because Drilling Services isn't licensed for water well drilling.	1.00 50.00	50.00	
01/29/93 JAB-Jim Briscoe / TCF (tele.From) #152	Telephone call from Don Bell, Re: Review of report.	0.75 50.00	37.50	
01/29/93 JAB-Jim Briscoe / TCT (Tele.To) #155	Telephone call to Drilling Services.	1.25 50.00	62.50	

Date 02/09/93

JABA Inc.

Time 10:42 am

Client Billing Worksheet

Page 5

TDC 101

:Tombstone Development Co. (continued)

TOTAL BILLABLE TIME CHARGES	46.00	\$2,193.75
TOTAL ON HOLD TIME CHARGES	20.00	\$750.00

Date/Slip#	Description	QTY/PRICE		
01/01/93	JAB-Jim Briscoe / \$CasualLabor	1	180.00	NO CHARGE
#214	What For: Labor to do Water Well Sampling. Pay Who: Steve Henderson, Tombstone, AZ. (12 hours @ \$15/hr. = \$180.00) HOW TO BE PAID: TDC needs to pay Steve Henderson directly.	180.00		
01/01/93	JAB-Jim Briscoe / \$CasualLabor	1	83.60	NO CHARGE
#215	What For: Labor to do Water Well sampling. Pay Who: Jess Grassman, Tombstone, AZ. (11 hours @ \$7.60/hr. = \$83.60) HOW TO BE PAID: TDC needs to pay Jess Grassman directly.	83.60		
01/02/93	JAB-Jim Briscoe / \$CasualLabor	1	315.00	
#216	What For: Professional Services for Sampling Water Wells. Who Paid: Gary A. Lindroos, P.O. Box 1011, Tombstone, AZ 85635. (Total of 9 hours @ \$35/hr.) HOW TO BE PAID: TDC needs to pay JABA, as Gary Lindroos was paid with JABA Cheque #11237.	315.00		
01/13/93	MAB-MardeeBrisc / \$Mail, US	1	4.10	
#212	What for: Mailing of Report. Paid to: Postmaster, Tucson, AZ. How Paid: JABA Cheque #11229.	4.10		
01/13/93	JAB-Jim Briscoe / \$Field Supplies	1	755.10	NO CHARGE
#218	What For: Chemical Supplies for Water Well Sampling. Pay Who: American Analytical Laboratories, 3441 E. Milber St., Tucson, Az 85714. HOW TO BE PAID: TDC needs to pay American Analytical directly, Invoice #0022446-IN is enclosed.	755.10		
01/20/93	JAB-Jim Briscoe / \$Field Supplies	1	50.69	
#213	What for: Pack of Nitroven 5, 100 Pillow Blocks for water sampling. Paid to: Hach Co., Loveland, CO.	50.69		

Date 02/09/93  
Time 10:42 am

JABA Inc.  
Client Billing Worksheet

Page 6

TDC 101 :Tombstone Development Co. (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>QTY/PRICE</u>
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#213.. How Paid: Visa #326.

01/21/93	JAB-Jim Briscoe / \$FAX Charges	31 31.00
#223	Fax Charges to 1/27/93, time 11:48.	1.00

01/23/93	JAB-Jim Briscoe / \$AutoMilage-JAB	79.5 39.75
#116	Mileage charge for trip to Tombstone, 159 miles total. (one-half charge)	0.50

01/28/93	JAB-Jim Briscoe / \$FAX Charges	10 10.00
#225	Fax Charges to 2/2/93, time 14:08.	1.00

TOTAL BILLABLE COSTS	\$450.54
TOTAL NO CHARGE COSTS	\$1,018.70

TOTAL NEW CHARGES	\$2,644.29
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PREVIOUS BALANCE

Current period	2,532.22
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TOTAL PREVIOUS BALANCE	\$2,532.22
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NEW BALANCE

New Current period	5,176.51
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TOTAL NEW BALANCE	\$5,176.51
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JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

January 28, 1993

Mr. Jerry Niedfelt  
President  
Tombstone Development Company Inc.  
P.O. Box 1445  
Grand Island, NB USA 68802

Dear Mr. Niedfelt,

Re: JABA Inc. bill for services, 10/28/92 through 12/31/92

Submitted with this note is our bill through the end of the year which I think is mostly self explanatory.

As we discussed before starting, I didn't want to be responsible for the subcontractors Steve Henderson, Jess Grassman (Steve's Grandson), Charles Escapule or Gary Lindroos, as this pushes up our insurance rates and federal bookkeeping requirements. Thus, we have tabulated their time (which I have of course reviewed and approve of) but would like you to write a check to them separately.

In the case of Charles Escapule, he said he owed TDC \$500 and thus his time at \$15/ hr (for electrical work primarily - I pay \$25/ hr in Tucson & think I'm getting a very good deal, as retail is \$40+) and 15 hours leaves him owing TDC \$275.

For the City of Tombstone, as rent on their generator, they're happy to exchange for crushed rock - you owe them 68 yards. See the bill for detail.

Steve henderson put in 15 hrs @ \$15/ hr for \$225. Please send him a check directly for that amount.

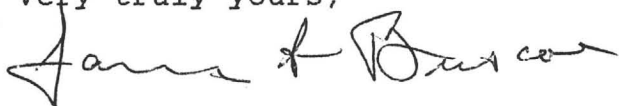
Jess Grassman 4 hr @ \$7.60 or \$30.40. Please send him a check for that amount directly. Both his and Steve's can go to the same address which I've appended with the bill.



Gary Lindroos, Arizona Registered Assayer had Professional Fees for 3 hrs @ \$35/ hr for \$105. JABA paid Gary so his fees are included in our bill.

This is the Bill through the end of the year. We will be getting a bill to you for Jan 1 thru Jan 31, the first of next week. Thereafter, we will bill you every two weeks as you requested. We will keep track of the subcontractors but will have you pay them directly.

Very truly yours;

A handwritten signature in cursive script, appearing to read "James A. Briscoe".

James A. Briscoe  
JN 01/28/93  
w/attachments



JABA Inc.  
2100 N. Wilmot Rd. Suite 218  
Tucson AZ 85712

Submitted to: Jerome Niedfelt

Tombstone Development Co.  
P. O. Box 1445  
Grand Island, NE 68802

January 28, 1993

RE: Oct. thru Dec. 92 Billing

Environmental Consulting for Aquifer Protection Permit (APP) for  
Closure/Opening Tombstone Development Co. Properties, Tombstone Mining  
District, Cochise Co., AZ

		<u>Hours</u>	<u>Amount</u>
10/28/92	JAB Meet with Steve Henderson & Russ Escapule to discuss moving core.	4.00	200.00
10/29/92	JAB TDC General & Administrative.	0.75	37.50
10/30/92	JAB Telephone call from Steve Henderson.	0.25	12.50
11/09/92	JAB General & Administrative.	0.50	25.00
11/11/92	JAB Telephone call to Jerry Niedfelt, Re: Mineral Samples.	0.75	37.50
11/12/92	JAB Telephone call to Jerry Niedfelt (See Action+ Notes).	0.75	37.50
12/07/92	JAB Telephone call to Thomas E. Waldrip, Re: His work on TDC land data.	1.00	50.00
12/08/92	JAB TDC General & Administrative.	1.00	50.00
	JAB Meeting with Don Bell, R. Kennett, and Dave Anderson (ADEQ); Jerry Niedfelt and A. Douglas Mackenzie at ADEQ offices, Phoenix, AZ.	2.75	137.50

		<u>Hours</u>	<u>Amount</u>
12/15/92	JAB Telephone call to Steve Henderson.	1.00	50.00
12/16/92	JAB TDC General & Administrative - Copy letters faxes for files.	0.25	12.50
	JAB Telephone call from Chas Escapule, Re: TEI History.	0.50	25.00
	JAB Telephone call to Gary Lindroos, Re: Reviewed Events at Tombstone related to pollution problems.	1.50	75.00
	JAB Telephone call to Steve Henderson.	0.25	12.50
12/17/92	JAB Telephone call from Jerry Niedfelt, Re: Plans for Tombstone.	1.00	50.00
	JAB Telephone calls to Steve Henderson & Gary Lindroos.	2.00	100.00
	JAB Telephone call to Steve Henderson.	0.50	25.00
12/20/92- 12/23/92	JAB Work on report proposal to ADEQ.	21.75	1,087.50
12/22/92	JAB Telephone call from Don Bell (ADEQ).	0.75	37.50
	JAB Telephone call to Don Bell (ADEQ).	0.50	25.00
12/23/92	JAB Telephone call from A. Douglas Mackenzie, Re: Reviewed ADEQ letter.	0.25	12.50
12/31/92	JAB Telephone call from Gary Lindroos.	0.25	12.50
	JAB Meeting with Thomas E. Waldrip, Re: Reviewed Tombstone property questions.	0.75	37.50

		<u>Hours</u>	<u>Amount</u>
12/31/92	JAB Telephone call to Beth Boyan of American Analytical Laboratories to confirm the analyses to be run on the TDC water well samples.	0.50	25.00

---

For professional services rendered

43.50

\$2,175.00

Qty

## Additional charges:

11/11/92	JAB Sprint Long Distance Phone Bills.	1	4.14
12/16/92- 12/24/92	JAB Sprint Long Distance Phone Bills.	1	22.87
12/17/92- 12/27/92	JAB PAID TO: Charlie Escapule, P.O. Box 453, Tombstone, AZ 85638. Total Time = 15 hours @ \$15.00 per hour; \$500.00 credit (12/17/92) -\$225.00 labor = \$275.00 remaining credit. WHAT FOR: Labor on Dec. 17, 1 hour to look over & find pipe, Dec. 19, 6 hours - work to get PBR #1 to pump - unsuccessful. Also working on re-fitting generator for right voltage and amperage. Dec. 22, 2 hours on TEI #3. Sunday Dec. 27, 6 hours to rewire pumps on TEI #1 & #2, and water line running from #'s 1 & 2 over to the surge pond.	1	NO CHARGE
-	JAB PAID WHO: Steve Henderson, Tombstone, AZ (15 hours @ \$15.00 per hour = \$225.00) HOW TO BE PAID: TDC needs to pay Steve Henderson directly. WHAT FOR: TDC well test pump and sampling of Wells #1-4; At WELL #4 no test was performed due to pump shorted out; Ran 50KW gen set from City of Tombstone, 24	1	NO CHARGE

QtyAmount

hour total. (Note: the City of Tombstone will trade TDC, POWER GENERATION TIME for GRAVEL - \$90 per day X 3 days = \$270 to be taken out in gravel @ \$4 per cubic yard = 68 yards of gravel).

12/22/92- JAB	PAY WHO: Jess Grassman,	1	NO CHARGE
12/28/92	Tombstone, AZ (4 hours @ \$7.60 per hour = \$30.40). HOW TO BE PAID: TDC needs to pay Jess Grassman directly. WHAT FOR: Helper casual labor, working with Steve Henderson on sampling of TDC wells.		
12/28/92 JAB	What for: Supplies for TDC environmental work. Paid to: Irrigation & Sprinkler Supply, Tucson, AZ. How Paid: JABA Cheque #11181.	1	100.21
12/30/92 JAB	What for: Diesel fuel for TDC well testing. Paid to: Steve Henderson, Tombstone, AZ. How Paid: Cheque #11187.	1	100.00
JAB	What for: Professional Services - Preparing for sampling of wells. Paid to: Gary A. Lindroos, Tombstone, AZ, 3 hours of time. How Paid: JABA Cheque #11237 Note: JABA HAS MADE PAYMENT TO GARY LINDROOS	1	105.00
12/31/92 JAB	What for: TDC water sample delivery to American Anal. Labs. Paid to: Ralph Smith, c/o Gary Lindroos, Sierra Vista, AZ. How Paid: JABA cheque #11214.	1	25.00

Total costs

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\$357.22

Tombstone Development Co.

Page 5

Amount

Total amount of this bill

\$2,532.22

Balance due

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\$2,532.22

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Jaba Inc.  
P E R S O N A L   C O N T A C T   P R O F I L E

Grdr.:Mr.	First:Steve	Init:	Last:Henderson
Title:Owner - Operator			Dear:Steve
Company:Henderson Drilling			Bus. Phone:1(602)457-3415,,,,159
Address1:1415 E. Allen St.			FAX Phone :        -        -
Address2:P.O. Box 641			HomePHONE :1(602)457-3579,,,,159
City:Tombstone			Executive:James Briscoe
State:AZ	Zip:85638		Country:USA(Jody-Dter.)
Code:Vendor(JesseeGrassman)			User 8:
Type:Drilling/Equip.Operation			User 9:
ID Number:			User 10:
User 4:			User 11:
User 5:			User 12:
User 6:			User 13:
User 7:			User 14:

NOTICE OF NONRESPONSIBILITY FOR LABOR OR  
MATERIALS FURNISHED TOMBSTONE PROJECT

Pursuant to Arizona Statutes, notice is hereby given that Tombstone Development Company, an Arizona Corporation (TDC) is the owner of the patented mining claims described in Exhibit "A" attached hereto with all improvements thereon. Such mining claims are now in the possession of and are being operated by USMX, Inc., a Delaware corporation, pursuant to Mineral Leases between TDC and Excellon Resources USA, Inc., an Arizona corporation (hereinafter referred to as "Lessee"), executed August 24, 1992 and January 1, 1993.

TDC is not in possession of or operating such mining claims, or any part thereof, and does not intend to work or operate such mining claims, or any part thereof, or purchase any supplies or materials therefore, during the term of the instruments described above. TDC will not be responsible for any labor performed on such mining claims, or for any supplies, services or materials furnished therefore, during such period. USMX, Inc. and/or Excellon Resources USA, Inc. shall indemnify and hold TDC harmless of and from any and all claims, demands or liabilities arising out of or in connection with the operations or activities of Lessee or Operator, hereunder. Lessee and Operator assumes full and sole responsibility for the operation and direction of the work done under the Mineral Leases on such mining claims, and no employee or agent furnished by Lessee or Operator shall under any circumstances be deemed an employee or agent of TDC.

Such mining claims are situated in Sections 11, 12, 13 and 14, T20S, R22E, G. & S.R.M., Cochise County, Arizona.

By execution hereof the Contractor agrees to hold harmless TDC and only to seek recourse against Lessee or Operator for non-payment of any and all funds for services provided by Contractor, and not against TDC, or its property shown by Exhibit A.

CONTRACTOR

Drilling Services Company

By: My Schaefer  
Mark J. Schaefer, Inc.  
District Manager

Dated: 1/15/93

OPERATOR

USMX, INC.

By: James A. Knox  
James A. Knox, President

Dated: 1/14/93





JAN

FILE <sup>TDC</sup>

Tombstone Development Company

P.O. BOX 1445

TELEPHONE 308/382-7480

GRAND ISLAND, NEBRASKA 68802

December 10th, 1992

Arizona Department of Environmental Quality  
3033 North Central Avenue  
Phoenix, Arizona 85012

received  
12/13/92 JRB

Attention: Don Bell

Dear Sir:

I wish to thank you at this time for the time you took to meet with me along with Mr. Douglas McKenzie and Mr. Jim Briscoe on December 8th, 1992.

I feel we had a very productive meeting and will take necessary steps to correct areas in which Tombstone Development Company is deficient on behalf of PBR Minerals.

As requested at the meeting, Jaba, Inc. of Tucson will give you a written preliminary plan of action which we propose to accomplish in the near future.

Briefly, this will include taking water level measurements in 4 wells drilled on the site: Namely,

Tombstone Well No. 1  
TEI Water Wells No. 1, 2 and 3.  
PBR Water Well No. 1

They will then proceed to obtain water samples from these wells for the determination of water purity. They will also inspect the Grand Central Leaching Facility to monitor its integrity.

This plan should be presented to you on or before December 21st,

Very truly yours,

*Jerome Niedfelt*  
Tombstone Development Company  
By: Jerome Niedfelt, President

JN/ap

cc: Jaba, Inc.

Tombstone Development Corp.  
Remediation and Permitting  
page 1

DRAFT COPY ONLY

received

12/13/92

CERTIFIED MAIL  
Return Receipt Requested

Date: December 11, 1992  
Ref: WP92-

Tombstone Development Corporation  
Mr. Jerry Niedfeldt  
P.O.Box 1445  
Grand Island, Nebraska 68803

RE: Tombstone Development Corporation; Contention Mine, Processing, and Milling Site, Tombstone, Cochise County, Arizona; Remediation of the Compliance Problems and the Environmental Permitting of this Site.

Dear Participants:

TECHNICAL ASSISTANCE MEETING SUMMARY

A meeting was held on Tuesday December 8, 1992, at 1:30 pm, in the offices of the Arizona Department of Environmental Quality at 3033 North Central Avenue. During this Technical Assistance Meeting the following items were agreed upon:

1. Jim Briscoe, of Jabba Inc. (the landowner's and the lessee's consultant), will develop a preliminary compliance plan which will begin to develop the identification of the compliance problems (or the absence of a compliance problem) and the remediation steps that will be required. Included in these plans will be the sampling of the wells on site (for The EPA Safe Drinking Water Standards for Inorganics), and in the general area (where possible), as soon as possible to assist in the characterizations of these concerns. **The plan will be submitted by December 22, 1992. The results of the testing will be submitted as the data becomes available.**

2. Douglas Mackenzie, of Valdez Gold Inc. (representing the present Lessee), will develop and submit, in conjunction with US Mining and Exploration (the company that will accomplish the drilling and testing), **a general drilling plan with map. This plan shall indicate the precautions that the driller will use to prevent any pollution from the previous cyanide spill from the past**

Tombstone Development Corp.  
Remediation and Permitting  
page 2

pregnant solution pond, and the general area that the sampling will be conducted in. This plan will be submitted by December 22, 1992.

3. Roger Kennett and Dave Anderson will review the available ADEQ documents and provide a list of Departmental concerns for this site from the past inspections and submittals. An inspection of the site with a representative of the Southern Regional Office and any of the other principles that wish to be there, shall be planned and scheduled for January. The list and the schedule will be submitted by January 10, 1993.

Not done on 4/15/93

4. Beginning with January 15, 1993, and on the 15th of every month thereafter, until the site is permitted, Tombstone Development company shall have caused a report to be submitted explaining the progress made on this site toward the remediation of the compliance problems and the permitting of the premises. This may be done through their designated consultant or by the owners themselves.

5. All items shall be submitted through:  
Arizona Department Of Environmental Quality  
Don Bell-#205  
P.O. Box 600  
Phoenix, Arizona 85001-0600  
Telephone (602)207-4613  
Fax:(602)207-4634

Attached is a list of the persons, including their addresses, that need to receive copies of each of these transactions. Please send these and indicate that these people have been copied in your transmittal. This will save a considerable amount of time.

Please do not hesitate to call myself or any of the principles involved.

Sincerely,

Donald G. Bell  
Water Pollution Compliance Officer  
Arizona Department of Environmental Quality

cc:  
Attached List

B:\PBR\TA12892  
DB:DB:db

Tombstone Development Corp.  
Remediation and Permitting  
page 3

DISTRIBUTION LIST

Roger Kennett  
Arizona Department of Environmental Quality  
Aquifer Protection Permit Section-Mining  
P.O. Box 600  
Phoenix, Arizona 85001-0600  
Phone (602)207-4696  
FAX: (602)207-4674

Dave Anderson  
Arizona Department of Environmental Quality  
Aquifer Protection Permit Section-Hydrology  
P.O. Box 600  
Phoenix, Arizona 85001-0600  
Phone (602)207-4669  
FAX: (602)207-4674

Tombstone Development Corporation  
Mr. Jerry Niedfeldt  
P.O.Box 1445  
Grand Island, Nebraska 68803  
Phone:(308)-382-7480  
Fax:(308)382-7482

Jim Briscoe-Registered Geologist  
Jabba Inc.  
2100 N.Wilmot Rd.  
Tucson Az. 85712  
Phone:(602)-721-1375  
Fax:(602)298-6688

Douglas Mackenzie, P.E.  
Vice President  
Valdez Gold Inc.  
Suite 200, 20 Adelaide St. E  
Toronto, Ontario M5C 2T6  
Phone (416)867-1100  
Fax: (416)867-1109

Jay Skardon  
Assistant Attorney General-Arizona  
1275 W. Washington  
Phoenix Arizona 85007  
Phone (602)542-1610

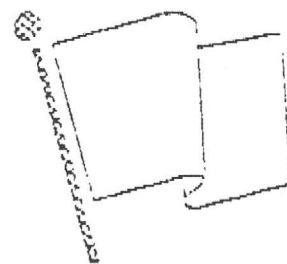
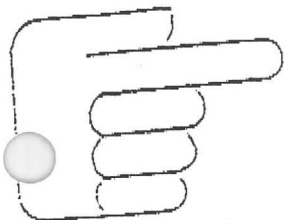
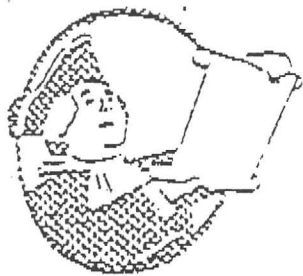
Tombstone Development Corp.  
Remediation and Permitting  
page 4

Donald Bell  
Arizona Department of Environmental Quality  
Water Pollution Compliance Unit-#205  
P.O. Box 600  
Phoenix, Arizona 85001-0600  
Phone (602)207-4613  
FAX: (602)207-4634 (or 2218)

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER POLLUTION COMPLIANCE UNIT  
3033 North Central Avenue, 3rd Floor  
Phoenix, Arizona 85012

GENERAL INFORMATION  
(602) 207-2300  
ADEQ TOLL FREE (1-800-234-5677)



TO: Jim Bascoe

Fabba Inc

ROOM NUMBER: \_\_\_\_\_

PHONE NUMBER: 602-721-1375

FAX NUMBER: 602 298 6688

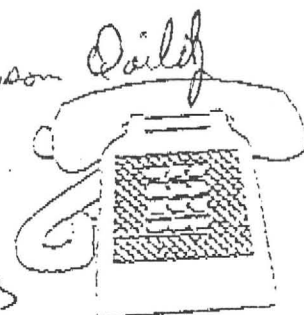
FROM: Don Bell - Az. Dept. Environ. Quality

ROOM: 205

PHONE NUMBER: 602 207 4613

FAX NUMBER: (602) 207 - 4634

Number of Pages: 5  
(Including this page)



Any problems with copy quality, please  
call the person who sent the document.

## Preliminary Plan Items

1. Sample Wells - PBR-1, TEI 1-3 & Tank. 1.

a. Static depth to H<sub>2</sub>O

b. Water for free cyanide  
& EPA metals - inorganic

2. Clean & tidy site

a. Dispose of cyanide barrels in approved way

b. Flatten draw holes in pit bottom

c. Dress Roads

d. Clean woods

e. Pick up junk & dispose of

1. Old assay house

2. Butler Bldg area

3. Control Drainage

a. From pit periphery

b. Away from wildcat dumps

c. In general away from draining off property - rather pond on property





# TOMBSTONE EXPLORATION, INC.

May 21, 1985

Mr. Frank Magini  
President  
Magini Leasing  
5701 West Maryland Avenue  
Glendale, Arizona 85301

*Jim - I THINK YOU  
MIGHT FIND THESE TWO  
LETTERS VERY-VERY  
INTERESTING*

Dear Frank:

I look forward to hearing from you after you have reviewed the enclosed material.

Tombstone Exploration, Inc. is currently looking for interested parties to purchase or joint venture its holdings. Attached is a brief summary of the property controlled by TEI. Of major interest are the following:

The open-pit claims, where TEI recovered over 1.1 million ounces of silver and over 22 thousand ounces of gold between the surface and 150 foot level; this implies conservative reserves to the water table of 11 million ounces of silver and 165 thousand ounces of gold;

The wash plant operation, ready to run, with all the components in place for a complete operation. This includes dozer feed, trommel, twin screw, dewatering screen, sand screw, conveyors, ponds, plumbing, twelve precipitation plants and smelting facilities (some of these components are suitable for other types of metal recovery operation);

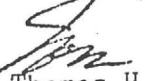
Numerous historically productive mines, with great potential for mining operations. A number of these have been targeted and preliminary sampling has been conducted. In each target the results have justified further exploration;

"Virgin" property in known mineralized areas, contiguous to the major mining district. The possibility of an offset to the producing district has often been hypothesized, and claims controlled by TEI cover likely targets for exploration.

The properties are fenced, have roads, water supply, and are easily accessible. In place assets consist of: ponds and plumbing, complete wash plant operation, 2 million tons wash plant feed, precipitation plants, testing facilities, smelter and tabling facility, buildings and trailers.

Please contact me if you would like further information.

Sincerely,

  
Thomas H. Schloss  
President

17 East 76th Street  
New York, New York 10021  
212-628-8466  
212-349-6262

P.O. Box 610.  
Tombstone, Arizona 85638  
602-457-2231

# MAGINI LEASING & CONTRACTING

MINING • EXCAVATIONS • ROADS  
5701 W. MARYLAND AVENUE GLENDALE, ARIZONA 85301-3922  
(602) 242-7315

RECEIVED

MAR 14 1986

New address:  
4831 N. 42nd Avenue  
Phoenix, Arizona 85019  
March 12, 1986

Sally M. Darcy  
Stompoly & Even, P.C.  
P.O. Box 3017  
Tucson, AZ 85702

Stompoly & Even

Re: Tombstone Exploration, Inc. and letter of Feb. 27, 1986  
from Patricia Wendel to S. Darcy

Dear Ms. Darcy,

After reading through the above-referenced letter, several questions come to mind. First of all, to quote Ms. Wendel, "...there were huge expenses for set up involved." What exactly does "huge expenses" mean? Dusty Escapule started the whole operation with no more than \$25,000.00. After the initial two months, the mine paid for itself. Increased expansion and all other costs were paid for by the sale of silver and gold from the mine.

Secondly, there appears to be a large discrepancy between what Tom Schloss reported to the Arizona Department of Revenue and Internal Revenue Service and what was actually sold. Do you realize that Schloss reported zero sales of metal to the Arizona Dept. of Revenue? Moreover, we have indications in Tom Schloss' own handwriting that the gross sales from the mine were over \$23 million, and not the \$10 million that Ms. Wendel referred to in her letter. All of this can and will be substantiated in a court of law. Furthermore, the owners of the mine, Tombstone Development Corporation, were not paid their lawful percentage according to the lease agreement.

I think that it is about time that we speak in terms of positives. Mathematics does not leave room for terms like "huge sums" or "a great deal of money and expense", or any other such garbage. We are dealing with hard facts and numbers are and should be made available to substantiate our position. If Schloss lost so much money, it should be no problem at all for him to show us the "real figures". The Arizona Department of Revenue is now going to have a look at this for tax evasion and I feel certain that the Internal Revenue Service will not be far behind.

Please forward a copy of this onto Ms. Wendel. I want her to realize that there are records available, such as the log records of flights to the silver and gold wholesalers, among other items. Tom Schloss is not going to get away with stealing.

Sincerely yours,

*Frank Magini*  
Frank Magini

ANALYSIS OF CASH FLOW OF TOMBSTONE MINING, INC.

All figures are available from either company records or SEC filings.

Total Sales	Jan. 1, 1981 thru Sept. 30, 1983	\$17,972,915.00
Total Sales	Sept. 30, 1983 thru June 30, 1984	<u>5,391,874.00</u>
	Gross Sales Gold & Silver	23,364,789.00
Operational Costs	Equipment, Fuel, Oil & payments	853,000.00
	Labor & Chemical	7,020,000.00
	Contract Mining	3,800,000.00
	Lease Royalty @ 5% of gross sales	<u>1,163,239.00</u>
	Total Cost	12,846,239.00
	NET INCOME	10,518,550.00



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

James A. Briscoe  
5610 E. Sutler Lane  
Tucson, AZ 85712  
(602) 721-1375

Fax (602) 298-6688 (\*2 after second ring)

## Fax Cover Sheet

DATE 12/18/92 THIS IS PAGE 1 OF 4 SENDER J.A. BRISCOE  
TO AD Mackenzie COMPANY Excellon Resources USA  
FAX # 1(416)867-1109 LOCATION (City/State) Toronto ONT, Canada  
COMMENTS Transmitted herewith are letters from  
& pertaining to TEI, along w/ J.M. Guilberts  
home address

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Jaba Inc.

### PERSONAL CONTACT PROFILE

Gndr.:Dr.	First:John	Init:M	Last:Guilbert
Title:			Dear:John
Company:			Bus. Phone:621-2509
Address1:740 W. Las Lomitas Rd.			FAX Phone :621-2672
Address2:			HomePHONE :887-0628
City:Tucson			Executive:James Briscoe
State:AZ	Zip:85704		Country:USA

Date 12/02/92  
Time 3:18 pm

JABA Inc.  
Client Billing Worksheet

Page 5

Excellon 159-01 :Mr A. Douglas MacKenzie (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>HOURS/RATE</u>	<u>AMOUNT</u>	<u>TOTAL</u>
11/23/92 #2957	JAB-Jim Briscoe / G & A Review work outline on Tombstone.	1.00 50.00	50.00	
11/23/92 #3019	TEW-TomWaldripJ / FilesOrganzatr Organization of notebooks & xeroxed materials on TDC title search info from Santa Fe's work in the Tombstone Mining District.	11.50 45.00	517.50	
11/24/92 #2958	JAB-Jim Briscoe / TCT (Tele.To) Return telephone call to Don Bell of AZDEQ, Re: Tombstone Lease.	1.00 50.00	50.00	
11/24/92 #2959	JAB-Jim Briscoe / G & A Work on Don Bell conversation notes.	4.25 50.00	212.50	
11/24/92 #3023	PB-PeteBondante / SECRETARIAL Gen Work on xeroxing and organizing Tombstone title search materials.	4.00 20.00	80.00	
11/25/92 #2960	JAB-Jim Briscoe / TCF (tele.From) Telephone call from A. Douglas Mackenzie; discussed AZDEQ conversation with Don Bell, faxed Action Plus notes of conversation to A. Douglas Mackenzie.	1.75 50.00	87.50	
11/25/92 #2961	JAB-Jim Briscoe / TCT (Tele.To) Telephone call to Jerry Niedfelt.	0.25 50.00	12.50	
11/25/92 #2962	JAB-Jim Briscoe / AirphotoRemSens To Ortho Shop to pickup final copies of maps and get diazo copies at Tucson Blueprint.	2.00 50.00	100.00	
11/25/92 #2963	JAB-Jim Briscoe / TCT (Tele.To) Telephone call to A. Douglas Mackenzie at his home number, as per his voice-mail message.	0.50 50.00	25.00	
11/26/92 #2964	JAB-Jim Briscoe / TCF (tele.From) Telephone call from A. Douglas Mackenzie.	0.25 50.00	12.50	

5

## JAB WILK

- Within 10 days will submit a preliminary plan as how we can work toward an APP

a. Sampling will be part of the plan

1. Determine water level to define gradient  
a will additional wells be necessary.

2. Take samples ASAP

- Genentech
- State H<sub>2</sub>O level
- H<sub>2</sub>O samples
  - Turner Lab + more around

3. Dept of Water Resources  
Drill permit for USMX drilling.

b. Visit ~~with~~ from ADEQ  
Dave & Andy Rencis sometime  
of the 1st of year.

Date 12/02/92  
Time 3:18 pm

JABA Inc.  
Client Billing Worksheet

Page 6

Excellon 159-01 :Mr A. Douglas MacKenzie (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>HOURS/RATE</u>	<u>AMOUNT</u>	<u>TOTAL</u>
11/26/92 #2965	JAB-Jim Briscoe / TCF (tele.From) Telephone call from Don Bell & Telephone call to Don Bell.	0.75 50.00	37.50	
11/30/92 #3092	TEW-TomWaldripJ / FilesOrganzatn Organization of notebooks & xeroxed materials on TDC title search info from Santa Fe's work in the Tombstone Mining District.	3.50 45.00	157.50	
11/30/92 #3093	PB-PeteBondante / SECRETARIAL Gen Work on xeroxing and organizing Tombstone title search materials.	2.00 20.00	40.00	
TOTAL BILLABLE TIME CHARGES		103.00		\$4,772.50

<u>Date/Slip#</u>	<u>Description</u>	<u>QTY/PRICE</u>	
11/04/92 #277	JAB-Jim Briscoe / \$ColorLaserPrnt (3) Color Copies from Color Reflections, Tucson, AZ.	1 4.78	4.78
11/04/92 #2278	JAB-Jim Briscoe / \$Laminations (34) Laminations from Color Reflections, Tucson, AZ.	1 36.38	36.38
11/04/92 #2908	MAB-MardeeBrisc / \$BOOKsMApREfDOC What for: USGS Tombstone 7.5 minute topo map. Paid to: Desert Trails, Tucson, AZ. How Paid: Cash.	1 2.68	2.68
11/17/92 #2541	JAB-Jim Briscoe / \$Printing What for: (3) blackline copies of proof ortho sheet #5 & (1) xerox of same sheet. Paid to: Tucson Blueprint Supply, Tucson, AZ. How Paid: VISA Credit Card #4014.	1 17.98	17.98
11/18/92 #2911	RJM-BobMacer / \$Xerox copies Xerox copies of Newsboy Mine	143 0.10	14.30

Submit drafts to Don Bell who  
will pass along to Dave. (and Jerry  
Neidelt.)



We'll work toward an  
inspection date for Dave &  
Cindy Rendes to visit & see  
what sites are

Assay all primary drinking  
water metals, manganese.

Outside of permitting  
- in site characterization.



Date 12/02/92  
Time 3:18 pm

JABA Inc.  
Client Billing Worksheet

Page 7

Excellon 159-01 :Mr A. Douglas MacKenzie (continued)

<u>Date/Slip#</u>	<u>Description</u>	<u>QTY/PRICE</u>	
#2911..	reports.		
11/19/92 #2900	RJM-BobMacer / \$Gas&MscAutoExp Mileage (14 miles) - use of personal vehicle to go to Arizona Geological Survey to check on Newsboy Mine materials.	1 3.50	3.50
11/19/92 #2901	RJM-BobMacer / \$ParkingTolls What for: Parking. Paid to: Marshall Square Parking, Tucson, AZ. How Paid: Cash.	1 1.00	1.00
11/19/92 #2902	RJM-BobMacer / \$BOOKsMApREfDOC What for: Publication/Map dealing with Newsboy Mine. Paid to: Arizona Geological Survey, Tucson, AZ. How Paid: Cash.	1 5.96	5.96
11/19/92 #2903	RJM-BobMacer / \$XeroxColorCopy What for: Color xerox copies of Newsboy Mine geologic map. Paid to: Reproductions, Inc., Tucson, AZ. How Paid: Cash.	1 13.16	13.16
11/19/92 #2912	RJM-BobMacer / \$Xerox copies Xerox copies of Newsboy Mine literature.	24 0.10	2.40
11/23/92 #2909	MAB-MardeeBrisce / \$CasualLabor What for: Watchman services Tombstone Mining District. Paid to: Steve Henderson. How Paid: Personal cheque #7006.	1 1200.00	1,200.00

TOTAL BILLABLE COSTS

\$1,302.14

Step

1. Pump & test well
  - TEL - 1, 2, 3,
  - PBR - 1
  - Tomb. - 1

2. Existing bath pack testing.

- a. Sample heaps

- b. Characterization of site

- Give written plan before proceeding.

Sample → make recommendations  
as how to dispose of any  
Cyn. - in bottom of ponds.

APP - Rules - 1989

To close (or maintain)  
should apply to APP.

- Temporary Closure
- Closure



should end up in a  
permit.

Dept of Health Serv.  
Turner Labs. in Tuc.

Date 12/02/92  
Time 3:18 pm

JABA Inc.  
Client Billing Worksheet

Page 8

Excellon 159-01 :Mr A. Douglas MacKenzie (continued)

RECALCULATION OF CHARGES

FLAT FEE CALCULATIONS

TIME CHARGES EXCLUDING ADD TO FLAT FEE SLIPS	\$4,772.50	
COSTS EXCLUDING ADD TO FLAT FEE SLIPS	\$1,302.14	
AMOUNT OF BILL EXCLUDING ADD TO FLAT FEE SLIPS	\$6,074.64	
TIME CHARGES WITH FLAT FEE APPLIED (Charges exceed minimum of 2,000.00)		\$4,772.50
COSTS WITH FLAT FEE APPLIED (Not covered by FLAT FEE)		\$1,302.14
TOTAL RECALCULATED CHARGES		\$6,074.64
TOTAL NEW CHARGES		\$6,074.64

PREVIOUS BALANCE

120 days overdue	25,829.07	
TOTAL PREVIOUS BALANCE		\$25,829.07
TOTAL overdue : \$25,829.07		

PAYMENTS/REFUNDS/CREDITS

01/03/91 Payment - Reproduction	(73.34)	
03/01/91 Payment - MVPCAP Consulting	(1,953.00)	
04/10/92 Payment - thank you	(3,500.00)	
05/21/92 Payment - thank you	(3,500.00)	
06/25/92 Payment - thank you	(3,500.00)	
10/01/92 Payment - thank you	(15,000.00)	
11/24/92 Payment - Watchman Services	(1,200.00)	
TOTAL PAYMENTS/REFUNDS/CREDITS		(\$28,726.34)

NEW BALANCE

New Current period	3,177.37	
TOTAL NEW BALANCE		\$3,177.37

Anecdotal from Roger Kenneth.

T. Schloss was aware of the leak but said "don't pay any attention to it - just go ahead."

JATB suggests they go after Tom Schloss

Not clear how much contamination (cyanide) had taken place. But!!

the contamination was 100 ppm <sup>free cyanide</sup> on pumping & remained <sup>hi</sup> for a year to 2 years.

Mogini PBR- removed cyanide tainted soil from around the containment shaft.

Geochemical Engineering from Lake Wood Colorado did some hydro-geochem - but weren't paid so effort stopped.

What to do?

- determine gradient (of  $H_2O$ )
- where did plume go.
- what is the geology

Date 12/02/92  
Time 3:18 pm

JABA Inc.  
Client Billing Worksheet

Page 9

Excellon 159-01 :Mr A. Douglas MacKenzie (continued)

CLIENT FUNDS ACTIVITY

Balance of account

\$640.00

Dec. 8th, 1992  
1:40 - Meeting w/ DON Bell, Roger Kenneth, Jerry Hindsell,  
A. Douglass Mackenzie, & JAB.  
David Anderson - Hydrologist

Page 1 of 1

Roger Kenneth

Aquifer Protection Group

- Permitting

Ground Water  
Protection Permit  
Broken chain.

DON Bell

Compliance Group.

⇓  
Now Need an APP.

Items to be accomplished - To be done  
Today To be followed by a letter from DM  
itemizing these items.

Discharge by TEI - Well #2  
in 1984 - immediate rupture & nothing was done.

↓  
Cochise Silver - (Frank Magini - Dusty)

↓  
PBR

Ground Water Protection Permit  
started to do correction, did some  
but didn't complete & didn't report.

They were to pump #2 as much  
as possible - but lack of power precluded  
much pumping.



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

December 22, 1992

Mr. Douglas MacKenzie  
President  
Excellon Resources USA, Inc.  
Suite 200-20 Adelaide St.E.  
Toronto, On Canada M5C 2T6

Dear Douglas,

Re:Transmittal of the POA on the environmental work on the  
Contention Lease.

I reviewed this verbally by phone with Don Bell and he seemed  
pleased at the progress (he's been out with the fleu until  
today), particularly with the potential early receipt of samples  
from the wells.

I'm getting screened mylar intermediates from the blueprinters  
today, and will do rough annotation of Exploration Area I & II,  
as well as other parameters, & send them out as soon as I have  
heard back from Don Bell, to be sure everything is covered..

I have again discussed this with Jim Knox, including reading him  
the passage re. USMX drilling & he has no problem with it.

If you have any questions or comments, I'll be in the rest of  
today and most if not all of tomorrow.

Best regards

A handwritten signature in cursive script, appearing to read "Jim Briscoe".

James A. Briscoe





JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

December 22, 1992

Mr. Jerry Niedfelt  
President  
Tombstone Development Company Inc.  
P.O. Box 1445  
Grand Island, NB USA 68802

Dear Jerry,

Re:Transmittal of Plan of Action letter to Don Bell of the Arizona Department of Environmental Quality, concerning the Contention Lease Area.

Transmitted herewith is the document requested by Don Bell during our meeting in Phoenix on December 8, 1993. I had several questions and clarifications I wanted to get from Don before finalizing this. He has been out with the flu until today, but he did return my calls about 11 this morning and I got all my questions answered.

Don seemed pleased that we would be getting water samples soon. I also discussed with him the cyanide barrels we had talked of crushing. He suggested we wait on that until after their inspection which he'd like to do in mid January. He feels we might have to gather various junk together and dispose of it in an approved dump site. He feels it might be more expensive to excavate improperly disposed of material than to do it right in the first place. He did however focus on drainage and I think it would be wise to proceed on cleanup & berms to channel water in proper directions. I think we're talking 2 days of equipment time for this minimal activity.

Both Tom Waldrip and I took an all day short course on the Aquifer Protection Permit process last Monday Dec. 14, at our cost of about \$700. It was extremely helpful, and was attended by numerous professionals of the major Arizona mining companies. The APP process is not scientifically difficult, but in practice is complex and therefore confusing and expensive to execute.

I have been doing everything possible in order to cut TDC's costs on this to a minimum. This includes using dependable and I think very reasonably paid people on site to do most of the legwork, so TDC doesn't have to incur the expense of multiple trips for me to go to Tombstone. I am still gathering costs of various items in order to make a cost estimate for the program. This at best will be a "guesstimate" as I can't completely predict everything that must be done and in fact the whole process is somewhat a "moving target". I will continue to make my best efforts to keep costs



December 22, 1992

Mr. Jerry Niedfelt  
President  
Tombstone Development Company Inc.  
P.O. Box 1445  
Grand Island, NB USA 68802

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as low as possible, but it must be clearly understood that a significant (but unknown) amount of professional time must be spent in getting everything done properly. There is considerable liability to me if corners are cut in a way that would influence the integrity of the work. As I believe Don Bell told you, the penalties for filing false (or incomplete?) information include fines and imprisonment. As a Registered Professional Geologist and signator on any reports, I am held liable for their content. I will therefore be unwilling to cut costs so deeply that I run the risk of professional liability. If my fees and costs of the project are an insurmountable problem, I will withdraw from further work. Please consider this and advise me if you would like me to continue.

Very truly yours

A handwritten signature in dark ink, appearing to read 'James A. Briscoe', written in a cursive style.

James A. Briscoe



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
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5610 E. Sutler Lane  
Tucson, AZ 85712  
(602) 721-1375

Fax (602) 298-6688 (\*2 after second ring)

## Fax Cover Sheet

DATE 12/22/92 THIS IS PAGE 1 OF 6 SENDER Jim Briscoe  
TO Mr. Donald E. Bell COMPANY ADEQ  
FAX # (602) 207-4634 LOCATION (City/State) Phoenix AZ  
COMMENTS Transmitted is the POA,  
Give me a call if you have any immediate  
comments. Maps etc to follow  
Jim Briscoe

### CONFIDENTIALITY CAUTION

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JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

December 22, 1992

Mr. Donald G. Bell  
Water Pollution Compliance Officer  
AZ Dept. Of Environmental Quality  
Office Of Water Quality  
3033 N. Central Avenue  
Phoenix, AZ USA 85012

Dear Mr. Bell,

Re: Plan of Action (POA) for Preliminary Compliance Plan for the Tombstone Development Company (TDC) Patented Mining Claims in the Tombstone Mining District, Cochise County Arizona - In Particular That Portion of the Property Known as the Contention Lease.

#### PURPOSE

The following Plan of Action is the result of a Technical Assistance meeting held between Arizona Department of Environmental Quality (ADEQ) staff, Donald E. Bell, Roger Kennett and Dave Anderson; TDC represented by their president, Mr. Jerry Niedfelt; Lessor of the TDC properties Excellon Resources USA, Inc. (Excellon) Mr. A. Douglas MacKenzie its president, and TDC and Excellon's consultant JABA Inc. (JABA), by its president Registered Professional Geologist (RPG) James. A. Briscoe. The meeting was held at the ADEQ offices in Phoenix, 3033 N. Central Ave, on December 8, 1992 at 1:30 pm. Mr. Briscoe was directed by Mr. Niedfelt to prepare this POA on behalf of TDC.

#### HISTORY

The Tombstone Mining District was discovered in 1877 and has been actively mined for at least 60 of the last 115 years. Significant production of silver, gold, copper, lead, zinc and manganese have been attained. Much of the production came before the turn of the century. About 1900 the productive claims were were consolidated by the Development Company of America. In 1933 the Tombstone Development Company (TDC) was formed, became owner of the property initially consolidated by the Development Company of America and is the current owner of most of the past productive claims in the Tombstone Mining District.

In (approximately) 1971 and thru 1975 the Limited Partnership "1971 Minerals Limited" consolidated almost all of the mining waste dumps from the various mine shafts of TDC into a central heap leach pad, where they were leached with cyanide for a period of several years, and a recovery of an unknown amount of silver and gold was made. About 1975, '71 Minerals Limited relinquished the lease.



In 1978 Tombstone Exploration Incorporated (TEI) leased all of the TDC claims and opened the Contention Open Cut mine. This operation was one of the first to use agglomerated (cement) heap leaching. Inattention to proper mining practices resulted in an apparent leak in the Barren Solution Pond resulting in contamination of TEI Well # 2, south of the Barren Solution Pond. A variety of complex circumstances lead TEI to declare Chapter 7 bankruptcy in about 1986.

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compliance with their GWQPP, triggering the statutory requirement for an APP for either closure or operation. Tombstone Development Company as the owner of the land is willing to work toward bringing the property back into compliance with the GWQPP by re-initiating groundwater sampling of TEI Wells # 1, 2, & 3, Tombstone City Well # 1 and PBR Well # 1. Further, they will establish with the ADEQ, a Plan Of Action (POA) to define an evaluation program to determine compliance problems or lack of compliance problems and to work toward an APP to: a. close the Facility(ies) on the Contention Lease, ~~if Excellon Resources fails to locate a minable ore body~~, or b. allow a mining operation of appropriate scope if Excellon Resources discovers a minable ore body. The purpose of this report is to define a POA to accomplish the above.

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- I. Test wells - TEI #s 1, 2, & 3, PBR # 1 and Tombstone City Well # 1, ASAP and periodically thereafter.
  - A. Static water level and
    1. Determine groundwater flow direction.
  - B. EPA Safe Drinking Water Standards for Inorganics and metals, including mercury.
  - C. Total and weak acid dissociable (WAD) cyanide.
  - D. Nitrate
  - E. pH and conductivity will be taken at the well head.
  - F. Report Results
  - G. ~~Future scheduling of sampling will be determined after initial sampling.~~

STATUS / SCHEDULE A team has been assembled and equipment is being gathered to perform this task. There is no power to any of the above wells except Tombstone City Well # 1, so power will have to be supplied by a portable generator.

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    3. Total & weak acid dissociable cyanide
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*drainage solutions, concentrates, liquids & sludges*

6. Gross alpha particle activity.
3. Determine Points of Compliance (POC) for facilities not in compliance, and show on 200 scale map.
4. Apply BADCT (Best Available Demonstrated Control Technologies) where necessary.

STATUS / SCHEDULE No work has yet been accomplished. It is expected that this activity will be 50% complete by the end of the first quarter of 1993 (April 5, 1993), while the remainder should be complete by the end of the second quarter 1993 (July 6, 1993).

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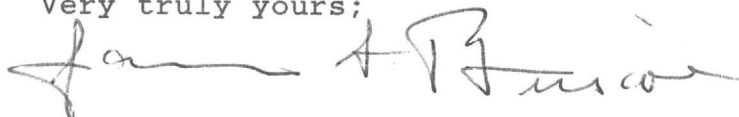
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It is understood that the above is a dynamic working document that will be refined by both the ADEQ personnel and the property owner. Your comments are welcome.

Very truly yours;



James A. Briscoe,  
President, JABA Inc.  
RPG AZ & CA





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308-382-7482

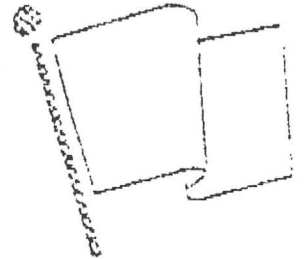
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Dec. 23, 1993

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER POLLUTION COMPLIANCE UNIT  
3033 North Central Avenue, 3rd Floor  
Phoenix, Arizona 85012

GENERAL INFORMATION  
(602) 207-2300  
ADEQ TOLL FREE (1-800-234-5677)



TO: Jim Baiscoe Jobba Inc

ROOM NUMBER: \_\_\_\_\_

PHONE NUMBER: 602-298-6688  
~~885-9141~~

FAX NUMBER: 602-721-2768

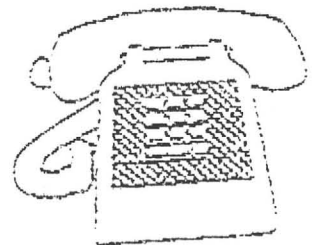
FROM: Don Bell ~~555~~

ROOM: #205

PHONE NUMBER: 207-4613

FAX NUMBER: (602) 207-4634

Number of Pages: 4  
(Including this page)



Any problems with copy quality, please  
call the person who sent the document.

December 23, 1992

Jim Briscoe:

The following are my comments. I think they are pretty representative and mostly correct. APP Section may wish to change or modify some parts and they may wish to add to the list. But this is a reasonable start.

you may want to discuss some of these with me....

By all means proceed with the sampling.....

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Don bell  
FAX 602-207-4634

#### SUGGESTIONS:

#### CURRENT ACTIVITIES

##### First Paragraph-

1. What is the plan that governs the actions that is administered by the Bankruptcy court. What provisions of that plan bear on the activities that will be involved in the environmental work or permitting that will be carried out in these actions.

2. What does it mean <sup>no</sup> that Excellon Resources <sup>yes</sup> "took over the Contention Area". Are they or is TDC responsible for the goings on out there. Be specific and describe in terms of past pollution, current existing pollution, or any pollution created in the future.

3. What terms of the new lease bear on the environmental activities of the site. What safeguards? How is liability described? ETC. Who is responsible for what?

4. .... "Just above the 500 foot water table"... <sup>4/15/93</sup> Inspite of abnormally  
what about naturally perched water tables? <sup>no</sup> No perched water  
what about "potential pockets of pollution"? <sup>has been located and 45 holes drilled</sup>

5. Proper permits need to be applied for from the Dept. of Water Resources. If you have not already done this you may wish to contact Mike Ball (602-542-1581). You need to specify that these permits and the regulations governing these will be followed, i.e., R12-15-817 Mineral Exploration Wells- the proper paper work and after actions concerned. R12-15-802 specifies a licensed driller, holes greater than 100 feet, and filing a notice of intent, etc. A.R.S. 45-592 is the statute authority governing these actions.

Holes are  
backfilled  
& sealed.

Paragraph #2

first sentence---PBR Minerals Inc.(permit holder).....

second sentence....just say just back into compliance with Arizona Statutes and rules.....the GWPP is not a concern of TDC at this time. Back into compliance with the GWPP would be back into compliance with a permit that will be revoked. Unless the bankruptcy court can tell the Attorney General's office that there will not be a revocation, then there will be a revocation of the permit. There is no reason that there should not be that I am aware of at this time. By rule it cannot be transferred while in noncompliance. The permit never belonged to Cowitchin as it was never changed or we were never notified (same thing). This is going to be a timely process that will need consideration, public notice and several other things. At this point we haven't yet determined any simple way to accomplish alot of this part. In the mean time TDC is acting for their own interests to clean up the site and make the site economically sound. This type of action will be helpful in any public hearings that become necessary.

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the drilling activities could intercept a perched water table or a pocket of pollution.....

*all water & "pollution" will be blown out of the hole by the RA drilling process. The holes will be back filled & sealed by AZ law so no migration of H<sub>2</sub>O has pollution.*

PLAN OF ACTION

#I add----future scheduling of sampling will be determined after the initial sampling.

last paragraph---

??What will happen if the pumps do not work? How will you sample?

II.....add ....some where mark the heap leach area, overburden or ore body dumps(where Known) etc-----simply mark by printing the name in the general location of these facilities. Specific delineations can be carried out later as you have specified.

III. 2.a.....analysis should include the drainage solutions, sludges, and concentrated liquids.

III Status/schedule...."This activity"= permit application?

#### IV Status and Schedule

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received 2/Rev  
1/8/93 JHS

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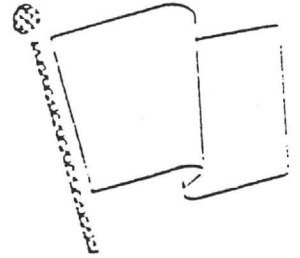
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WATER POLLUTION COMPLIANCE UNIT  
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Phoenix, Arizona 85012

GENERAL INFORMATION  
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TO: Jim Baiscoe Jobbs Inc

ROOM NUMBER: \_\_\_\_\_

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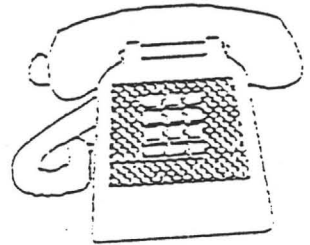
FROM: Don Beel ~~Don Beel~~

ROOM: #205

PHONE NUMBER: 207-4613

FAX NUMBER: (602) 207-4634

Number of Pages: 4  
(Including this page)



Any problems with copy quality, please  
call the person who sent the document.

December 26, 1992

Mr. Donald G. Bell  
Water Pollution Compliance Officer  
AZ Dept. Of Environmental Quality  
Office Of Water Quality  
3033 N. Central Avenue  
Phoenix, AZ USA 85012

Dear Mr. Bell,

Re: Plan of Action (POA) for Preliminary Compliance Plan for the Tombstone Development Company (TDC) Patented Mining Claims in the Tombstone Mining District, Cochise County Arizona - In Particular That Portion of the Property Known as the Contention Lease.

#### PURPOSE

The following Plan of Action is the result of a Technical Assistance meeting held between Arizona Department of Environmental Quality (ADEQ) staff, Donald E. Bell, Roger Kennett and Dave Anderson; TDC represented by their president, Mr. Jerry Niedfelt; Lessor of the TDC properties Excellon Resources USA, Inc. (Excellon) Mr. A. Douglas MacKenzie its president, and TDC and Excellon's consultant JABA Inc. (JABA), by its president Registered Professional Geologist (RPG) James. A. Briscoe. The meeting was held at the ADEQ offices in Phoenix, 3033 N. Central Ave, on December 8, 1992 at 1:30 pm. Mr. Briscoe was directed by Mr. Niedfelt to prepare this POA on behalf of TDC.

#### HISTORY

The Tombstone Mining District was discovered in 1877 and has been actively mined for at least 60 of the last 115 years. Significant production of silver, gold, copper, lead, zinc and manganese have been attained. Much of the production came before the turn of the century. About 1900 the productive claims were were consolidated by the Development Company of America. In 1933 the Tombstone Development Company (TDC) was formed, became owner of the property initially consolidated by the Development Company of America and is the current owner of most of the past productive claims in the Tombstone Mining District.

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It is understood that the above is a dynamic working document that will be refined by both the ADEQ personnel and the property owner. Your comments are welcome.

Very truly yours;

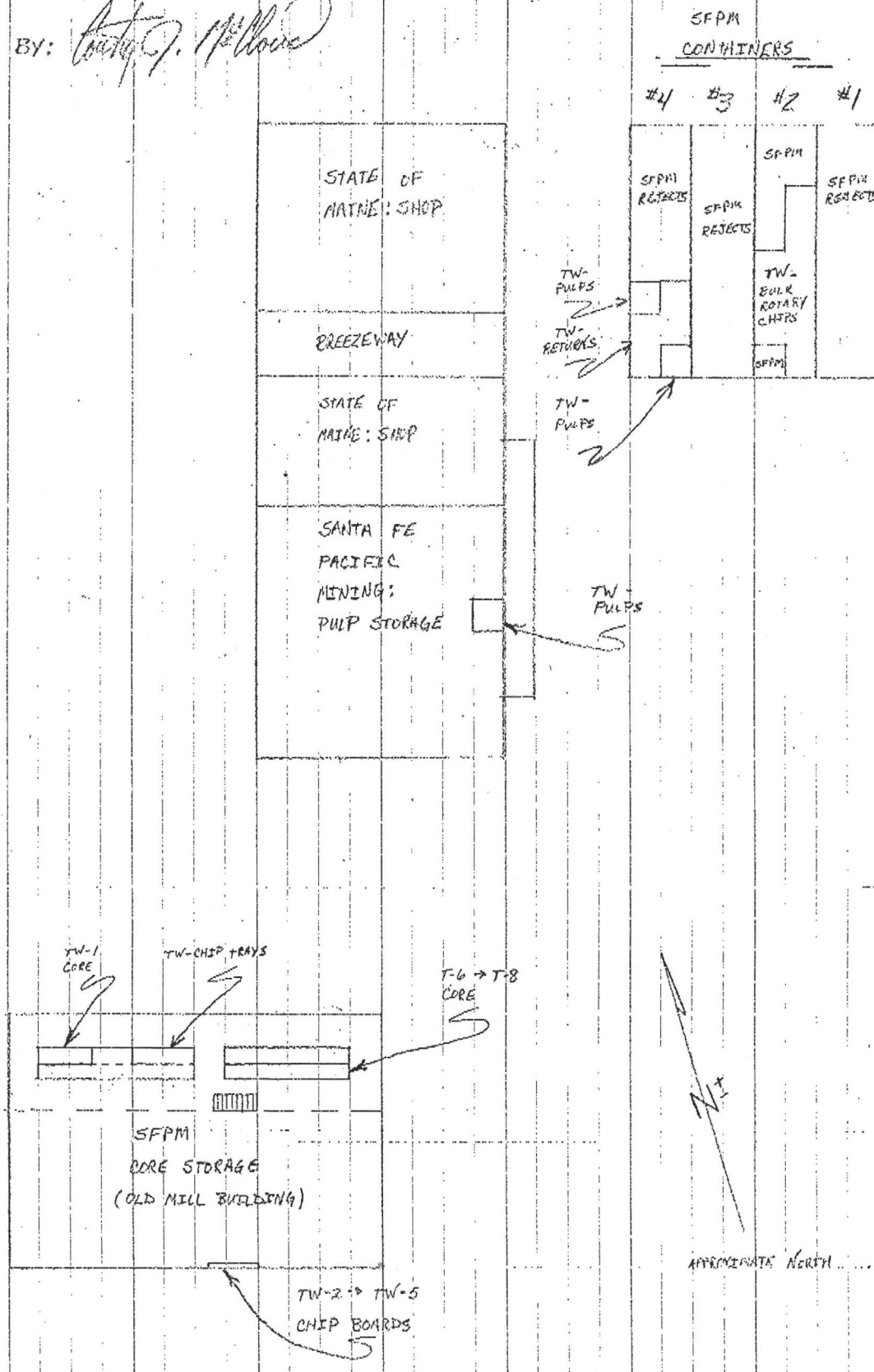
James A. Briscoe,  
President, JABA Inc.  
RPG AZ & CA

## McCLOUD GEOLOGICAL SERVICES

10/27/92

RE: TRANSFER OF TDC - TOMBSTONE

ATTN: ZENNY COLE; SFPM

BY: *Anthony J. McCloud*





JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

January 7, 1993

Mr. Jerome Neidfelt, President  
Tombstone Development Company, Inc.  
P. O. Box 1445  
Grand Island, NE 68802

RE: Leases and assessment filings, TDC claims, Tombstone Mining District, Cochise County, Arizona - JABA Project #101-01

Dear Mr. Neidfelt:

Pursuant to my continuing review of title information for you on TDC patented and unpatented mining claims, I find that I am missing a number of documents which have been in effect over the last few years. I would appreciate it if you could check your company files and send entire copies of the following documents:

1. Lease or agreement between Frank Magini d.b.a. Cochise Silver Mines, Inc. and TDC, effective at some point between July 9, 1985 and January 1, 1988.
2. A release or Quit Claim of claims in above lease or agreement.
3. Lease between Harbor Financial, Inc./PBR Minerals, Inc. and TDC, dated January 1, 1988.
4. Lease between Santa Fe Pacific Mining, Inc. and TDC, dated February 11, 1988.
5. Any documentation related to leasing to Santa Fe Pacific Mining, Inc. of mineral rights below the 4,100 foot elevation on the patented mining claims held under lease by Harbor Financial, Inc./PBR Minerals, Inc., and owned by TDC (claims per Item #2 above).
6. Evidence of filing of Proof of Labor on unpatented mining claims T.S.A. #'s 51 thru 62 (these unpatented claims were leased to Santa Fe) with the county and B.L.M., for 1992
7. A release or Quit Claim for claims and/or mineral rights held under lease by Santa Fe Pacific Mining, Inc. (Items #3 and #4 above).

Jerome Niedfelt, President  
Tombstone Development Co.  
RE: Leases and Assessment Filings  
January 6, 1993  
Page 1 of 2





8. A Quit Claim to TDC for unpatented claims located by Santa Fe Pacific Mining, Inc.- claims and any assessment documents filed with the county and B.L.M. for 1992 calendar year - including but not limited to SAC #17 thru #20, TOMB #1 thru #6, #8 thru #11, #14 and #16.
9. A county recorded Notice of Non-Liability for the lease between Tombstone Exploration, Inc. (T.E.I.) and TDC - lease dated February 7, 1979.
10. A county recorded Notice of Non-Liability for lease between Frank Magini, d.b.a. Cochise Silver Mines, Inc. and TDC.
11. A county recorded Notice of Non-Liability for lease between Harbor Financial, Inc./PBR Minerals, Inc. and TDC - lease dated January 1, 1988.
12. A county recorded Notice of Non-Liability for lease between Santa Fe Pacific Mining, Inc. and TDC - lease dated February 11, 1988.

Your help in providing us with the above requested documentation is appreciated.

Thank you!

Sincerely,

*Thomas E. Waldrip, Jr.*

Thomas E. Waldrip, Jr.

TEW/msb

cc: James A. Briscoe



American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-01  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #1  
Samp D/T: 01/05/93 09:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
6.3 ARSENIC		0.009	01/07/93
BE200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		<0.003	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2 CYANIDES, TOTAL		<0.007	01/08/93
PB200.7 LEAD		0.023	01/11/93
245.1 MERCURY		0.0004	01/07/93
353.2 NITRATE		2.06	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

*Mon R*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

Tel 602-889-5787

800-658-8601

FAX 602-294-1753



American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-02  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #1  
Samp D/T: 01/05/93 21:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
6.3 ARSENIC		0.009	01/07/93
BE200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		0.004	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2 CYANIDES, TOTAL		<0.007	01/08/93
PB200.7 LEAD		<0.02	01/11/93
245.1 MERCURY		<0.0002	01/07/93
353.2 NITRATE		2.07	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

*McW* *R*

Analyst(s)

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LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-03  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #2  
Samp D/T: 01/05/93 09:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
6.3 ARSENIC		<0.005	01/07/93
BE200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		0.006	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		0.008	01/08/93
335.2 CYANIDES, TOTAL		0.178	01/08/93
PB200.7 LEAD		<0.02	01/11/93
245.1 MERCURY		0.0032	01/07/93
353.2 NITRATE		79.4	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		0.003	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

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Analyst(s)

3441 East Milber St. Tucson, AZ 85714

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LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-04  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #2  
Samp D/T: 01/05/93 21:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
6.3 ARSENIC		<0.005	01/07/93
BE200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		0.003	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2 CYANIDES, TOTAL		0.125	01/08/93
PB200.7 LEAD		<0.02	01/11/93
245.1 MERCURY		0.0016	01/07/93
353.2 NITRATE		64.6	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

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LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-05  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #3  
Samp D/T: 01/05/93 08:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
6.3 ARSENIC		0.009	01/07/93
BE200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		0.005	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2 CYANIDES, TOTAL		<0.007	01/08/93
PB200.7 LEAD		<0.02	01/11/93
245.1 MERCURY		<0.0002	01/07/93
353.2 NITRATE		13.6	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

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Analyst(s)

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800-658-8601

FAX 602-294-1753



American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-06  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #3  
Samp D/T: 01/05/93 20:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
6.3 ARSENIC		0.008	01/07/93
BE200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		0.007	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2 CYANIDES, TOTAL		<0.007	01/08/93
PB200.7 LEAD		<0.02	01/11/93
245.1 MERCURY		<0.0002	01/07/93
353.2 NITRATE		8.04	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

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ND means analyte not detected.

MDL is the Method Detection Limit.

*MEW R*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

Tel 602-889-5787

800-658-8601

FAX 602-294-1753

From :

PHONE No. :

Jan. 04 1993 9:06AM P01

Gary A. Lindroos  
P. O. Box 1011  
Tombstone, Arizona 85638

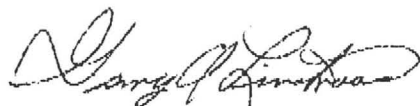
January 3, 1993

To: Mr. James Briscoe  
5610 E. Suttler Lane  
Tucson, Arizona 85712

Following are results of testing done on the TDC Wells on 2 January 1993 and 3 January 1993:

Sample Identification	Date	Time	pH	Conductivity	Depth to Water
TEI Well No. 1	1-2-93	0900	7.5	21	
TEI Well No. 2	1-2-93	0900	7.1	62	518 ft.
TEI Well No. 1	1-2-93	2100	7.7	22	
TEI Well No. 2	1-2-93	2100	7.3	59	517 ft.
TEI Well No. 3	1-3-93	0800	7.4	26	
TEI Well No. 3	1-3-93	2000	7.8	23	

Respectfully submitted,



Gary A. Lindroos



18  
5/15/87

DATE REC'D AT LAB

ADHS Permit No. G-0011-02

Sample Location TEI Well No. 2

Cochise Silver Mines, Inc.  
P.O. Box 158  
Tombstone, Arizona 85638

☒ Groundwater ☐ Vadose ☐ Waste Stream ☐ Pond  
☐ Other \_\_\_\_\_

Sample Date 5-15-81 Sample Time 11:00 A.M.

Depth to Water 537 Feet below land surface

Parameter Code: P72010

Collected By: Henry Richardson

[illegible]

Units are mg/l unless otherwise noted.

<sup>a</sup> Units are  $\mu\text{g/l}$   
<sup>b</sup> Units are  $\text{pCi/l}$

Comments: \_\_\_\_\_

Analysis Date 5/22/87

Analyst 2/24



Jan. 20 1993 10:21AM P04

18  
5/15/87

DATE REC'D AT LAB

SPECIMEN NO.

Cochise Silver Mine, Inc.  
P.O. Box 158  
Tombstone, Arizona 85638

Sample Location Tombstone City Well No. 1

## Collected By:

[illegible]

\*Units are mg/l unless otherwise noted.

<sup>a</sup> Units are µg/t

<sup>b</sup> Units are pCi/l

Comments: \_\_\_\_\_

Analysis Date 5-22-87

Analyst

Room 304  
2005 North Central  
Phoenix, Arizona 85004



JAB Note sheet  
for report of 1/21/93

American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-01  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #1  
Samp D/T: 01/05/93 09:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
			Primary Drinking Water	
06.3	ARSENIC	0.05	0.009 <i>OK</i>	01/07/93
200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM	0.005	<0.0007	01/11/93
CR200.7	CHROMIUM		<0.003	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD	0.05	0.023 <i>OK</i>	01/11/93
245.1	MERCURY	0.002	0.0004 <i>1/5 OK level</i>	01/07/93
353.2	NITRATE	10	2.06	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

*M. Bohard* *R.*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

Tel 602-889-5787

800-658-8601

FAX 602-294-1753



American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-02  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #1  
Samp D/T: 01/05/93 21:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
006.3	ARSENIC		0.009 <i>OK</i>	01/07/93
E200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.004 <i>OK</i>	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		<0.0002	01/07/93
353.2	NITRATE		2.07 <i>OK</i>	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

*McN* *R*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

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FAX 602-294-1753





American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-03  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #2  
Samp D/T: 01/05/93 09:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
006.3 ARSENIC		<0.005	01/07/93
200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		0.006 OK	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		0.008 OK	01/08/93
335.2 CYANIDES, TOTAL		0.178 OK	01/08/93
PB200.7 LEAD		<0.02	01/11/93
245.1 MERCURY	0.002	0.0032 1 PPB + 20 w	01/07/93
353.2 NITRATE	10	79.4 69 ppm	01/12/93
270.3 SELENIUM		<0.005 + 200 bi	01/08/93
AG200.7 SILVER		0.003	01/11/93
* WEAK ACID DISSOCIABLE			

Comments:

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3441 East Milber St. Tucson, AZ 85714

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LABORATORY ANALYSIS REPORT

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Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-04  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #2  
Samp D/T: 01/05/93 21:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
06.3	ARSENIC		<0.005	01/07/93
BE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.003	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION	0.2 ppm	<0.007 OK	01/08/93
335.2	CYANIDES, TOTAL		0.125 OK	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY	0.002	0.0016	01/07/93
353.2	NITRATE	10	64.6	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

Analyst(s)

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LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-05  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #3  
Samp D/T: 01/05/93 08:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
206.3	ARSENIC		0.009	01/07/93
BE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.005	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		<0.0002	01/07/93
353.2	NITRATE	10	13.6	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

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LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-06  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #3  
Samp D/T: 01/05/93 20:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
206.3	ARSENIC		0.008	01/07/93
E200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.007	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		<0.0002	01/07/93
353.2	NITRATE	10	8.04	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.  
ND means analyte not detected.  
MDL is the Method Detection Limit.

*MEW R*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

Tel 602-889-5787

800-658-8601

FAX 602-294-1753

# LIST OF ACRONYMS

ARAR	APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENT
CERCLA	COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT OF 1980
CERCLIS	COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM
FS	FEASIBILITY STUDY
HI	HAZARDOUS INDEX
IELCR	INDIVIDUAL EXCESS LIFETIME CANCER RISK
IRIS	INTEGRATED RISK INFORMATION SYSTEM
MCL	MAXIMUM CONTAMINANT LEVEL
MCLG	MAXIMUM CONTAMINANT LEVEL GOAL
NCP	NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN (40 CFR, PART 300)
NPL	NATIONAL PRIORITY LIST
PRP	POTENTIALLY RESPONSIBLE PARTY
RA	RISK ASSESSMENT
RI	REMEDIAL INVESTIGATION
RI/FS	REMEDIAL INVESTIGATION/FEASIBILITY STUDY
SARA	SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986

# NUMERICAL AWQS\*

For Aquifers Classified for Drinking Water Use

<u>Pollutants</u>	<u>Standard (mg/l) ppm</u>
<b>INORGANIC (A.A.C. R18-11-406.B)</b>	
Arsenic	0.05
Asbestos	7X10 <sup>6</sup> fibers/liter (longer than 10μm)*
Barium	1.0
Cadmium	0.005**
Chromium	0.1**
Fluoride	4.0
Lead	0.05
Mercury	0.002
Nitrate+Nitrite (as N)	10.0
Nitrite (as N)	1.0**
Selenium	0.05**

<b>VOLATILE ORGANICS (A.A.C. R18-11-406.C)</b>	
Benzene	0.005
Carbon Tetrachloride	0.005
o-Dichlorobenzene	0.6**
Para-Dichlorobenzene	0.075
1,2-Dichloroethane	0.005
1,1-Dichloroethylene	0.007
cis-1,2-Dichloroethylene	0.07**
trans-1,2-Dichloroethylene	0.1**
1,2-Dichloropropane	0.005**
Ethyl Benzene	0.7**
Monochlorobenzene	0.1**
Styrene	0.1**
Tetrachloroethylene	0.005**
Toluene	1.0**
1,1,1-Trichloroethane	0.20
Trichloroethylene	0.005
Trihalomethanes (Total)	0.10
Vinyl Chloride	0.002
Xylenes (Total)	10.0**

<b>SEMI-VOLATILE ORGANICS (A.A.C. R18-11-406.D)</b>	
Alachlor	0.002**
Atrazine	0.003**
Carbofuran	0.04**
Chlordane	0.002**
1,2-Dibromo-3-Chloropropane	0.0002**
Ethylene Dibromide	0.00005**
Heptachlor	0.0004**
Heptachlor Epoxide	0.0002**
2,4-Dichlorophenoxyacetic acid	0.1
Endrin	0.0002
Lindane	0.004
Methoxychlor	0.1
Polychlorinated Biphenyls (PCBs)	0.0005**
2,4,5-Trichlorophenoxypropionic acid (2,4,5-TP or Silvex)	0.01
Toxaphene	0.005

\* As of 11/1/92

\*\* Certified by Arizona Attorney Generals Office 6/15/92

# PRIMARY DRINKING WATER STANDARDS

Constituent	Concentration mg/l	
Arsenic (interim)	0.05	50 ppb could go to 5 to 10 ppb.
Barium	5	
Cadmium	0.005	
Chromium	0.1	
Cyanide - assumed to be free	0.2	between 2,100 and 4,200 times
Fluoride	4	
Mercury	0.002	
Nickel	0.1	
Nitrate (as N)	10	To protect against blue baby syndrome
Beta and Photon Activity	4 mrem	
Gross Alpha	15 pCi/l	
Radium 226/228	5 pCi/l	

# SECONDARY DRINKING WATER CRITERIA

Constituent	Concentration mg/l
Chloride	250
Color	15 (units)
Copper	1
Fluoride	2
Foaming Agents	0.5
Iron	0.3
Manganese	0.05
Odor	3 threshold odor numbers
pH	6.5 to 8.5
Sulfate	250
Total Dissolved Solids	500
Zinc	5

Crease staining }

Where most of the sheet of tech. "rubber meets the road" these are unusable de-salinated

## SELECTED AMBIENT WATER QUALITY CRITERIA - CHRONIC EXPOSURE

Constituent	Limiting Concentration $\mu\text{g/l}$ - parts/billion
Aluminum	87
Arsenic (trivalent)	190
Arsenic (pentavalent)	48 (tentative)
Cadmium	1.1 *
Chromium (trivalent)	210 *
Copper	12 *
Cyanide	5.2
Lead	3.2 *
Mercury	0.012
Nickel	160 *
Selenium	35
Silver	0.12 (tentative)
Thallium	40 (tentative)
Zinc	110 *

\* for water with a hardness value  
of 100 mg/l as  $\text{CaCO}_3$

— below analytical  
level. can't be  
tested for.



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

January 21, 1993

Mr. Donald G. Bell  
Water Pollution Compliance Officer  
AZ Dept. Of Environmental Quality  
Office Of Water Quality  
3033 N. Central Avenue  
Phoenix, AZ USA 85012

Dear Mr. Bell,

Re: Analytical results of the water samples taken from Tombstone Development Company Wells, TEI # 1, 2, & 3, Tombstone Mining District, Cochise Co., AZ.

Samples of the above referenced wells were taken by Mr. Gary Lindroos, Registered Assayer, AZ, on January 2 & 3, 1992. The samples were taken in appropriately prepared 1 liter bottles supplied by American Analytical Laboratories of Tucson. After collection they were packed in ice and then picked up by Mr. R. Smith and transported to Tucson, arriving on 1/05/93. All proper chain of custody papers have been kept on the samples.

Attempts to activate the pump on PBR Well # 1 were made over a week or so in late December 1992 without success. Either the pump has burned out or electrical shorts exist in the power line from the well head to the submersible pump. It appears that only pulling the string of pipe and the pump for repair would make it possible to reactivate this well.

The active wells were sampled in the following manner. Pumping was commenced and one sample taken after pumping for 15 minutes. The wells were then pumped for 12 hours and another sample taken. Both samples were then shipped for analysis as described above. The results on 6 pages are appended with this letter.

Examination of the results show that all pollutants including cyanide are within Numerical Aquifer Water Quality Standards (AWQS) for drinking water use defined as of 11/1/92 except for the following:

Mercury - well TEI #2 in sample # 1 was 0.0032 ppm or 0.0012 ppm above the MCL of 0.002 ppm. However in sample # 2 (after pumping for 12 hours) Hg was 0.0016 ppm or less than the 0.002 ppm MCL.  
Nitrate - TEI# 2 showed 79.4 ppm in the 15 minute test and 64.6 ppm in the sample at the end of 12 hours. The MCL is 10 ppm.  
TEI #3 showed 13.6 ppm for the 15 minute sample and 8.04 ppm or below the MCL for the sample taken at the end of 12 hrs.



In TEI # 3 birds had apparently gained access to the well casing. It is likely that the high nitrate is due to bird guano. No such access for birds or animals was available in TEI # 2 so it is assumed the nitrate is from decomposed cyanide.

It is obvious from the substantial decrease of 14.8 ppm nitrate after pumping TEI # 2 for 12 hours, that continued pumping will quickly decrease the nitrate content below the MCL.

To mitigate the small amount of nitrate over the MCL in TEI # 2 we would propose the following: Pump TEI # 2 for 12 hours per day over the next 10 days. This intermittent pumping we think will impart a washing action in the ground water and act to "dislodge" any remaining nitrate and bring it to the surface. At the end of 10 days the well will be pumped for 48 hours. During 12 days of pumping, water samples will be taken every 12 hours and analyzed by Mr. Gary Lindroos on site to determine nitrate content using a Hach sampling kit. This will document the trend of nitrate content. At the end of the 48 hour pumping Gary Lindroos will take another sample using American Analytical Laboratories sampling bottles and analysis for the same element suite as the samples from Jan. 2 & 3, 1992 will be done. This should show definitively whether the nitrate level in TEI # 2 has been dissipated.

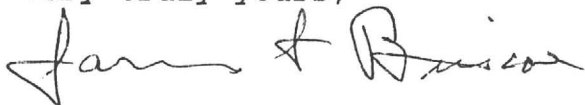
This program can start Saturday Jan. 23 and be completed with the formal well sample on the afternoon of Wed. Feb. 3, 1993. Results should be available by Monday Feb. 15, 1993.

To this time, only TEI #2 has water level measurements available. This well has a permanently installed water level measurement device. Measurements show that static water level was 518 feet. Conductivity and pH were taken with pocket meters as each water sample from each well was taken and data are shown on the accompanying report by Gary Lindroos.

For your interest and compairson purposes I am attaching analyses from TEI Well # 1 and 2 and Tombstone City Well # 1 taken 5/5/87.

We are still waiting data from the Tombstone City wells which we hope will be available next week - this will include static water levels. We will also be making arrangements to measure static water levels in wells TEI # 1 and # 3.

Very truly yours;



James A. Briscoe

DEB01/21/93

CC J. Niedfelt, A.D. MacKenzie, J.A. Knox





American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-01  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #1  
Samp D/T: 01/05/93 09:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis	MCL	Results	Date
006.3 ARSENIC		0.009	01/07/93
E200.7 BERYLLIUM		<0.0001	01/11/93
CD200.7 CADMIUM		<0.0007	01/11/93
CR200.7 CHROMIUM		<0.003	01/11/93
* 4500 CN.I CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2 CYANIDES, TOTAL		<0.007	01/08/93
PB200.7 LEAD		0.023	01/11/93
245.1 MERCURY		0.0004	01/07/93
353.2 NITRATE		2.06	01/12/93
270.3 SELENIUM		<0.005	01/08/93
AG200.7 SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

*M. Bohard* *R. Smith*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

Tel 602-889-5787

800-658-8601

FAX 602-294-1753



## LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-02  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #1  
Samp D/T: 01/05/93 21:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
06.3	ARSENIC		0.009	01/07/93
JE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.004	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		<0.0002	01/07/93
353.2	NITRATE		2.07	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

## Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

*M. Bohard* *R*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

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American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-03  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #2  
Samp D/T: 01/05/93 09:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
706.3	ARSENIC		<0.005	01/07/93
DE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.006	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		0.008	01/08/93
335.2	CYANIDES, TOTAL		0.178	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		0.0032	01/07/93
353.2	NITRATE		79.4	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		0.003	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

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ND means analyte not detected.

MDL is the Method Detection Limit.

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

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FAX 602-294-1753



## LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-04  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #2  
Samp D/T: 01/05/93 21:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
06.3	ARSENIC		<0.005	01/07/93
JE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.003	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		0.125	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		0.0016	01/07/93
353.2	NITRATE		64.6	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

## Comments:

All units are MG/L unless otherwise specified.

ND means analyte not detected.

MDL is the Method Detection Limit.

Analyst(s)

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American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-05  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #3  
Samp D/T: 01/05/93 08:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
06.3	ARSENIC		0.009	01/07/93
LE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.005	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		<0.0002	01/07/93
353.2	NITRATE		13.6	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.

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MDL is the Method Detection Limit.

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American Analytical Laboratories

LABORATORY ANALYSIS REPORT

Page 1 of 1

Code: TOMDEV  
TOMBSTONE DEVELOPMENT CORP.  
MR. JAMES BRISCOE  
5610 E. SUTLER LANE  
TUCSON, AZ 85712-

SAMPLE INFORMATION  
Sample...: 013539-06  
Clnt Smp:  
Descript: WELL WATER  
Location: TEI WELL #3  
Samp D/T: 01/05/93 20:00  
Sampler.: G. LINDROOS  
Trans By: R. SMITH  
Recvd By: M. BOHARD  
Date Rcv: 01/05/93  
Date Rpt: 01/12/93

Analysis		MCL	Results	Date
06.3	ARSENIC		0.008	01/07/93
LE200.7	BERYLLIUM		<0.0001	01/11/93
CD200.7	CADMIUM		<0.0007	01/11/93
CR200.7	CHROMIUM		0.007	01/11/93
* 4500 CN.I	CYANIDE, AMENABLE/CHLORINATION		<0.007	01/08/93
335.2	CYANIDES, TOTAL		<0.007	01/08/93
PB200.7	LEAD		<0.02	01/11/93
245.1	MERCURY		<0.0002	01/07/93
353.2	NITRATE		8.04	01/12/93
270.3	SELENIUM		<0.005	01/08/93
AG200.7	SILVER		<0.001	01/11/93

\* WEAK ACID DISSOCIABLE

Comments:

All units are MG/L unless otherwise specified.  
ND means analyte not detected.  
MDL is the Method Detection Limit.

*MEW R*

Analyst(s)

3441 East Milber St. Tucson, AZ 85714

Tel 602-889-5787

800-658-8601

FAX 602-294-1753

From :

PHONE No. :

Jan. 04 1993 9:06AM P01

Gary A. Lindroos  
P. O. Box 1011  
Tombstone, Arizona 85638

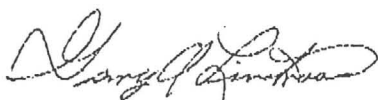
January 3, 1993

To: Mr. James Briscoe  
5610 E. Suttler Lane  
Tucson, Arizona 85712

Following are results of testing done on the TDC Wells on 2 January 1993 and 3 January 1993:

Sample Identification	Date	Time	pH	Conductivity	Depth to Water
TEI Well No. 1	1-2-93	0900	7.5	21	
TEI Well No. 2	1-2-93	0900	7.1	62	518 ft.
TEI Well No. 1	1-2-93	2100	7.7	22	
TEI Well No. 2	1-2-93	2100	7.3	59	517 ft.
TEI Well No. 3	1-3-93	0800	7.4	26	
TEI Well No. 3	1-3-93	2000	7.8	23	

Respectfully submitted,



Gary A. Lindroos

**Groundwater Quality Protection Permit**  
**Self-Monitoring Report Form**

327103

SPECIMEN NO.

18  
5/15/87

DATE REC'D AT LAR

Lab Name & Address	LAB ID NO.	00002
Arizona Testing Laboratories 81/ West Madison Street Phoenix, Arizona 85007		

Facility Name & Mailing Address  
Cochise Silver Mines, Inc.  
P.O. Box 158  
Tombstone, Arizona 85638

ADHS Permit No. G-0011-02  
Sample Location TEI Well No. 2

SAMPLE COLLECTION INFORMATION

☒ Groundwater ☐ Vadose ☐ Waste Stream ☐ Pond

☐ Other \_\_\_\_\_

Sample Date 5-15-81 Sample Time 11:00 A.M.

Depth to Water 537 Feet below land surface

(Groundwater Samples Only)

Parameter Code: P7201A

Collected By: [Signature]

ADHS Use Only

[illegible]

Parameter Name*	Storet Parameter Number	Laboratory Analysis Results	Parameter Name*	Storet Parameter Number	Laboratory Analysis Results
Arsenic	P01002,	.	Endrin <sup>a</sup>	P39390,	.
Barium	P01007,	.	Lindane <sup>a</sup>	P39782,	.
Cadmium	P01027,	.	MethoxyChlor <sup>a</sup>	P39480,	.
Chromium	P01034,	.	Toxaphene <sup>a</sup>	P39400,	.
Lead	P01051,	.	2,4-D <sup>a</sup>	P39730,	.
Mercury	P71900,	0. 020	2,4,5-TP Silvex <sup>a</sup>	P39045,	.
Nitrate(N)	P00620,	20. 8	TTHM <sup>a</sup>	P82080,	.
Selenium	P01147,	.	Free Cyanide, mg/L	.	< 0. 01
Silver	P01077,	.	Total Cyanide, mg/L	.	0. 24
Fluoride	P00951,	.		.	.
	.	.		.	.
Alkalinity	P00410,	.		.	.
Calcium	P00916,	.		.	.
Chloride	P00940,	.		.	.
Copper	P01042,	.		.	.
Hardness	P00900,	.	Radium-226/228 <sup>b</sup>	P11503,	.
Iron	P01045,	.	Gross Alpha, Tot <sup>b</sup>	P01501,	.
Magnesium	P00927,	.	— Count Error <sup>b</sup>	P01502,	.
Manganese	P01055,	.	Beta Activity <sup>b</sup>	P03501,	.
pH	P00403,	.	Cesium-134 <sup>b</sup>	P28414,	.
Sodium	P00929,	.	Iodine-131 <sup>b</sup>	P28301,	.
Sulfate	P00945,	.	Strontium-90/89 <sup>b</sup>	P01082,	.
TDS	P00500,	.	Tritium <sup>b</sup>	P82126,	.
Zinc	P01092,	.	Uranium <sup>b</sup>	P22706,	.

\*Units are mg/l unless otherwise noted.

<sup>a</sup> Units are  $\mu\text{g/l}$   
<sup>b</sup> Units are  $\text{pCi/l}$

Send 3 copies of completed form to:

Office of Waste and Water Quality Mgmt.  
Compliance Section  
Room 304  
2005 North Central  
Phoenix, Arizona 85004

Comments: \_\_\_\_\_

Analysis Date 5/22/87

Analyst 244



Groundwater Quality Protection Permit  
Self-Monitoring Report Form

18  
5-15-87

DATE REC'D AT LAD

327102

SPECIMEN NO.

Lab Name &amp; Address

LAB ID NO.	00002
------------	-------

Arizona Testing Laboratories  
617 West Madison Street  
Phoenix, Arizona 85007

ADHS Permit No. G-001.1-02

Sample Location TET Well No. 1

### SAMPLE COLLECTION INFORMATION

☒ Groundwater ☐ Vadose ☐ Waste Stream ☐ Pond

☐ Other

Sample Date 5-15-87 Sample Time 10:45 A.M.

Depth in Water 518 feet below land surface

(Groundwater Samples Only)

Parameter Code: P72010

Collected By:

ADIS Use Only

S	C	
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Parameter Name*	Store Parameter Number	Laboratory Analysis Results	Parameter Name*	Store Parameter Number	Laboratory Analysis Results
Arsenic +	P01002,	.	Endrin <sup>a</sup>	P39390,	.
Barium +	P01007,	.	Lindane <sup>a</sup>	P39782,	.
Cadmium +	P01027,	.	MethoxyChlor <sup>a</sup>	P39480,	.
Chromium +	P01034,	.	Toxaphene <sup>a</sup>	P39400,	.
Lead +	P01051,	.	2,4-D <sup>a</sup>	P39730,	.
Mercury +	P71900,	< 0 . 001	2,4,5-TP Silvex <sup>a</sup>	P39045,	.
Nitrate (N)	P00620,	2 . 9	TTHM <sup>a</sup>	P82080,	.
Selenium +	P01147,	.	Free Cyanide, $\mu\text{g/L}$		< 0 . 01
Silver +	P01077,	.	Total Cyanide, $\text{mg/L}$		< 0 . 01
Fluoride	P00851,	.			.
		.			.
Alkalinity	P00410,	.			.
Calcium	P00916,	.			.
Chloride	P00940,	.			.
Copper +	P01042,	.			.
Hardness	P00900,	.	Radium-226/228 <sup>b</sup>	P11503,	.
Iron +	P01045,	.	Gross Alpha, Tot <sup>b</sup>	P01501,	.
Magnesium	P00927,	.	— Count Error <sup>b</sup>	P01502,	.
Manganese +	P01055,	.	Beta Activity <sup>b</sup>	P03501,	.
pH	P00403,	.	Cesium-134 <sup>b</sup>	P28414,	.
Sodium	P00929,	.	Iodine-131 <sup>b</sup>	P28301,	.
Sulfate	P00945,	.	Strontium-90/89 <sup>b</sup>	P01082,	.
TDS	P00500,	.	Tritium <sup>b</sup>	P82126,	.
Zinc +	P01092,	.	Uranium <sup>b</sup>	P22705,	.

<sup>a</sup>Units are  $\mu\text{g/L}$

Units are mg/l unless otherwise noted.

<sup>a</sup> Units are  $\mu\text{g/l}$   
<sup>b</sup> Units are  $\text{pCl/l}$

Send 3 copies of completed form to:

Comments:

Analysis Date 5/22/87

Analyst

Office of Waste and Water Quality Mgmt.  
Compliance Section  
Room 304  
2005 North Central  
Phoenix, Arizona 85004

**Groundwater Quality Protection Permit**  
Self-Monitoring Report Form

18  
5/15/87

DATE REC'D AT: LA

327100

SPECIMEN NO.

Lab Name & Address	LAB ID NO.
Arizona Testing Laboratories 817 West Madison Street Phoenix, Arizona 85007	00002

Facility Name & Mailing Address  
Cochise Silver Mine, Inc.  
P.O. Box 158  
Tombstone, Arizona 85638

ADHS Permit No. G-0011-02

Sample Location Tombstone City Well No. 1

**SAMPLE COLLECTION INFORMATION**

☒ Groundwater ☐ Vadose ☐ Waste Stream ☐ Pond

☐ Other \_\_\_\_\_

Sample Date 5-15-87 Sample Time 11:30 A.M.

Depth to Water 404 Feet below land surface  
(Groundwater Samples Only)

Parameter Code: P72010

Collected By: [Signature]

ADHS Use Only			
S	C		

Parameter Name*	Storet Parameter Number	Laboratory Analysis Results	Parameter Name*	Storet Parameter Number	Laboratory Analysis Results
Arsenic +	P01002,	. ,	Endrin <sup>a</sup>	P39390,	. ,
Barium +	P01007,	. ,	Lindane <sup>a</sup>	P39782,	. ,
Cadmium +	P01027,	. ,	MethoxyChlor <sup>a</sup>	P39480,	. ,
Chromium +	P01034,	. ,	Toxaphene <sup>a</sup>	P39400,	. ,
Lead +	P01051,	. ,	2,4-D <sup>a</sup>	P39730,	. ,
Mercury +	P71900,	< 0 . 001 ,	2,4,5-TP Silvex <sup>a</sup>	P39045,	. ,
Nitrate (N)	P00620,	10 . 2 ,	TTHM <sup>a</sup>	P82080,	. ,
Selenium +	P01147,	. ,	Free Cyanide, mg/L ,	< 0 . 01 ,	
Silver +	P01077,	. ,	Total Cyanide, mg/L ,	< 0 . 01 ,	
Fluoride	P00951,	. ,		. ,	. ,
		. ,		. ,	. ,
Alkalinity	P00410,	. ,		. ,	. ,
Calcium	P00916,	. ,		. ,	. ,
Chloride	P00940,	. ,		. ,	. ,
Copper +	P01042,	. ,		. ,	. ,
Hardness	P00900,	. ,	Radium-226/228 <sup>b</sup>	P11603,	. ,
Iron +	P01045,	. ,	Gross Alpha, Tot <sup>b</sup>	P01501,	. ,
Magnesium	P00927,	. ,	— Count Error <sup>b</sup>	P01602,	. ,
Manganese +	P01055,	. ,	Beta Activity <sup>b</sup>	P03501,	. ,
pH	P00403,	. ,	Cesium-134 <sup>b</sup>	P28414,	. ,
Sodium	P00929,	. ,	Iodine-131 <sup>b</sup>	P28301,	. ,
Sulfate	P00945,	. ,	Strontium-90/89 <sup>b</sup>	P01082,	. ,
TDS	P00500,	. ,	Tritium <sup>b</sup>	P82128,	. ,
Zinc +	P01092,	. ,	Uranium <sup>b</sup>	P22706,	. ,

\*Units are mg/l unless otherwise noted.

<sup>a</sup> Units are  $\mu\text{g/l}$   
<sup>b</sup> Units are  $\text{pCi/l}$

Send 3 copies of completed form to:

Office of Waste and Water Quality Mgmt.  
Compliance Section  
Room 304  
2005 North Central  
Phoenix, Arizona 85004

Comments: \_\_\_\_\_

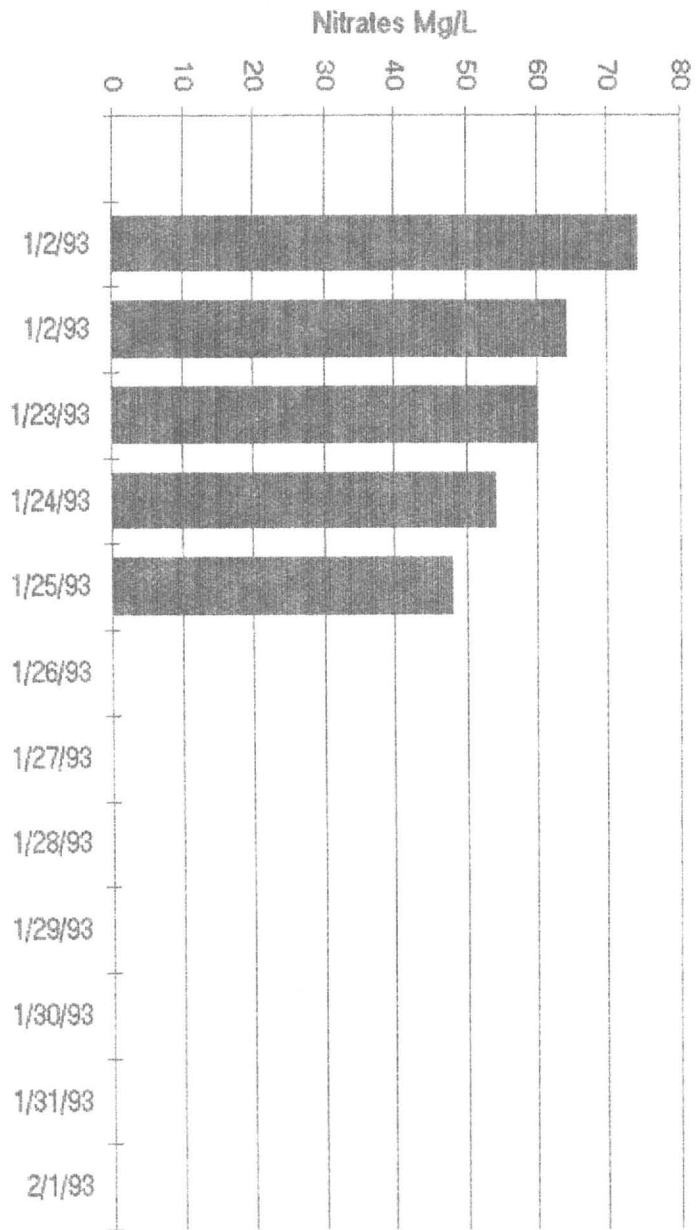
Analysis Date 5-22-87

Analyst *[Signature]*

1/26/93

Tombstone Development Corporation

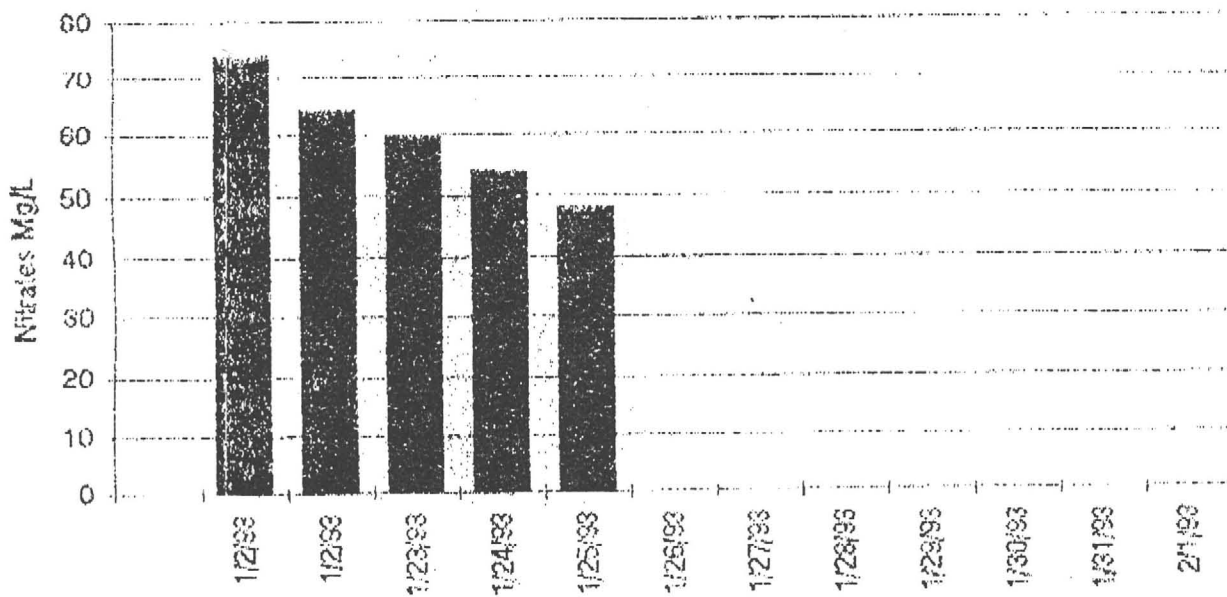
# TEI Well No. 2



received  
1/26/93 JAB

CHART3.XLC

### TEI Well No. 2





## ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Fife Symington, Governor

Edward Z. Fox, Director

### CERTIFIED MAIL

### Return Receipt Requested

January 21, 1993

REF#: WP-93-1092

Tombstone Development Corporation  
Mr. Jerry Niedfeldt  
P.O. Box 1445  
Grand Island, Nebraska 68803

RE: **Tombstone Development Corporation; Contention Mine, Processing, and Milling Site, Tombstone, Cochise County, Arizona; Remediation of the Compliance Problems and the Environmental Permitting of this Site**

Dear Participants:

### TECHNICAL ASSISTANCE MEETING SUMMARY

A meeting was held on Tuesday December 8, 1992, at 1:30 pm, in the offices of the Arizona Department of Environmental Quality at 3033 North Central Avenue. During this Technical Assistance Meeting the following items were agreed upon:

1. Jim Briscoe, of Jabba Inc. (the landowner's and the lessee's consultant), will develop a preliminary compliance plan which will identify of the compliance problems (or the absence of a compliance problem) and any remediation steps that will be required. Included in these plans will be the sampling of the wells on site and off site to determine compliance with the Safe Drinking Water Standards for Inorganics. **The plan will be submitted by January 30, 1993. The results of the testing will be submitted as the data becomes available.**
2. Douglas Mackenzie, of Valdez Gold Inc. (representing the present Lessee), will develop and submit, in conjunction with US Mining and Exploration (the company that will accomplish the drilling and testing), a general drilling plan with map. This plan shall indicate the precautions that the driller will use to prevent any pollution from the previous cyanide spill from the past pregnant solution pond, and the general area that the sampling will be conducted in. **This plan will be submitted by January 30, 1993.**
3. Roger Kennett and Dave Anderson will review the available ADEQ documents and provide a list of Departmental concerns for this site based on past inspections and submittals. An inspection of the site with a representative of the Southern Regional Office and any of the other principles that wish to be there, shall be planned and scheduled for a future time. **The list and the schedule will be submitted by February 20, 1993.**

Mr. Niedfeldt  
January 21, 1993  
Page 2

4. **Beginning with February 15, 1993, and on the 15th of every month thereafter, until the site is permitted, Tombstone Development company shall have caused a report to be submitted explaining the progress made on this site toward the remediation of the compliance problems and the permitting of the premises. This may be done through their designated consultant or by the owners themselves.**

5. All items shall be submitted through:

Arizona Department Of Environmental Quality  
Don Bell, Suite 205  
P.O. Box 600  
Phoenix, Arizona 85001-0600  
Telephone: (602) 207-4613  
Fax: (602) 207-4634

Attached is a list of the persons, including their addresses, that need to receive copies of each of these transactions. Please send these and indicate that these people have been copied in your transmittal. This will save a considerable amount of time.

Please do not hesitate to call myself or any of the principles involved.

Sincerely,



Donald G. Bell  
Compliance Officer  
Water Pollution Compliance Unit

DB:ps

cc: see attached

Mr. Niedfeldt  
January 21, 1993  
Page 3

#### DISTRIBUTION LIST

Peggy Guichard-Watters, R. S.  
Acting Manager, OWQ/Compliance  
Arizona Department of Environmental Quality  
P.O. Box 600  
Phoenix, AZ 85001-0600  
Phone: (602) 207-4617  
Fax: (602) 207-4634

Roger Kennett  
Aquifer Protection Permit Section/Mining  
Arizona Department of Environmental Quality  
P.O. Box 600  
Phoenix, AZ 85001-0600  
Phone: (602) 207-4696  
Fax: (602) 207-4674

Dave Anderson  
Aquifer Protection Permit Section-Hydrology  
Arizona Department of Environmental Quality  
P.O. Box 600  
Phoenix, AZ 85001-0600  
Phone: (602) 207-4669  
Fax: (602) 207-4674

Tombstone Development Corporation  
Mr. Jerry Niedfeldt  
P. O. Box 1445  
Grand Island, Nebraska 68803  
Phone: (308) 382-7480  
Fax: (308) 382-7482

Jim Briscoe, Registered Geologist  
Jabba Inc.  
2100 N. Wilmot Road  
Tucson, AZ 85712  
Phone: (602) 721-1375  
Fax: (602) 298-6688

Mr. Niedfeldt  
January 21, 1993  
Page 4

Douglas Mackenzie, P.E.  
Vice President  
Valdez Gold Inc.  
Suite 200, 20 Adelaide St. E  
Toronto, Ontario M5C 2T6  
Phone: (416) 867-1100  
Fax: (416) 867-1109

Jay Skardon  
Assistant Attorney General of Arizona  
1275 W. Washington  
Phoenix, AZ 85007  
Phone: (602) 542-1610

Donald Bell  
Water Pollution Compliance Unit, Suite 205  
Arizona Department of Environmental Quality  
P.O. Box 600  
Phoenix, AZ 85001-0600  
Phone: (602) 207-4613  
Fax: (602) 207-4634 (or 2218)



**USMX**

January 29, 1993

Via FAX: 602-885-9141

James A. Brisco  
JABA, Inc.  
2100 N. Wilmot Rd., #218  
Tucson, AZ 85712

RE: Tombstone Mining District, Cochise County, Arizona

Dear Jim:

Forwarded is a Notice of Nonresponsibility executed by USMX's drilling contractor which I understand you will provide to Mr. Niedfelt.

Also, forwarded is USMX's approved notice of intent from the Department of Water Resources. I understand that you will file a new notice in the name of Tombstone Development Corporation to cover the monitoring wells since they will be located in a different subdivision and will be completed as monitoring wells.

Sincerely,

USMX, INC.

*Robert F. Hemming*

Robert F. Hemming  
Land Manager

RFH575/cap

**USMX, Inc.**

141 Union Blvd., Suite 100 Lakewood, Colorado 80228 (303) 985-4665

FAX (303) 980-1363

NASDAQ Symbol - USMX

NOTICE OF NONRESPONSIBILITY FOR LABOR OR  
MATERIALS FURNISHED TOMBSTONE PROJECT

Pursuant to Arizona Statutes, notice is hereby given that Tombstone Development Company, an Arizona Corporation (TDC) is the owner of the patented mining claims described in Exhibit "A" attached hereto with all improvements thereon. Such mining claims are now in the possession of and are being operated by USMX, Inc., a Delaware corporation, pursuant to Mineral Leases between TDC and Excellon Resources USA, Inc., an Arizona corporation (hereinafter referred to as "Lessee"), executed August 24, 1992 and January 1, 1993.

TDC is not in possession of or operating such mining claims, or any part thereof, and does not intend to work or operate such mining claims, or any part thereof, or purchase any supplies or materials therefore, during the term of the instruments described above. TDC will not be responsible for any labor performed on such mining claims, or for any supplies, services or materials furnished therefore, during such period. USMX, Inc. and/or Excellon Resources USA, Inc. shall indemnify and hold TDC harmless of and from any and all claims, demands or liabilities arising out of or in connection with the operations or activities of Lessee or Operator, hereunder. Lessee and Operator assumes full and sole responsibility for the operation and direction of the work done under the Mineral Leases on such mining claims, and no employee or agent furnished by Lessee or Operator shall under any circumstances be deemed an employee or agent of TDC.

Such mining claims are situated in Sections 11, 12, 13 and 14, T20S, R22E, G. & S.R.M., Cochise County, Arizona.

By execution hereof the Contractor agrees to hold harmless TDC and only to seek recourse against Lessee or Operator for non-payment of any and all funds for services provided by Contractor, and not against TDC, or its property shown by Exhibit A.

CONTRACTOR

Drilling Services Company

OPERATOR

USMX, INC.

By: Mark J. Schaubert  
Mark J. Schaubert, Inc.  
District Manager

Dated: 1/15/93

By: James A. Knox  
James A. Knox, President

Dated: 1/14/93

STATE OF Arizona )  
 )ss.  
County of Maricopa )

On this 15<sup>th</sup> day of January, 1993, before me, Christine B. Skaggs, the undersigned Notary Public, personally appeared Mark T. Schrenbroich, ☒ personally know to me or ☐ ~~proved to me on the basis of satisfactory evidence to be the person(s)~~ who executed the within instrument as District Manager on behalf of the corporation therein named, and acknowledged to me that the corporation executed it.



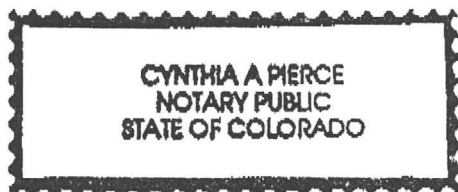
WITNESS my hand and official seal.

Christine B. Skaggs  
Notary Public

My commission expires: 5/5/95

STATE OF COLORADO )  
 )ss.  
County of Jefferson )

On this 14<sup>th</sup> day of January, 1993, before me, Cynthia A. Pierce, the undersigned Notary Public, personally appeared James A. Knox, ☒ personally know to me or ☐ ~~proved to me on the basis of satisfactory evidence to be the person(s)~~ who executed the within instrument as President on behalf of the corporation therein named, and acknowledged to me that the corporation executed it.



WITNESS my hand and official seal.

Cynthia A. Pierce  
Notary Public

My commission expires: 8/19/93

## ARIZONA DEPARTMENT OF WATER RESOURCES

15 South 15th Avenue, Phoenix, Arizona 85007  
Telephone (602) 542-1553  
Fax (602) 256-0506



FIFE SYMINGTON  
Governor

ELIZABETH ANN RIEKE  
Director

1/5/93

Re: Registration No. 55-537768

File No. D(20-22)11d

Dear Well Owner:

Enclosed for your records is an annotated copy of the Notice of Intention to Drill a well which was recently filed with this Department. This is returned to you as evidence of compliance with A.R.S. §45-596. Your designated driller has been mailed, separately, a Well Drilling Card which he is required to have in his possession before commencing to drill the well.

☐ Since this well is being drilled as a monitor well, or for cathodic protection, grounding, geotechnical or piezometer purposes, our standard driller report form is also being furnished to the driller which he is required to complete and return to the Department within 30 days after the completion of drilling. A Completion Report form is being furnished for monitor wells where pump equipment is authorized to be installed as part of this packet so that you may submit the report within 30 days after the installation of the pumping equipment on a monitor well as required by A.R.S. §45-600.

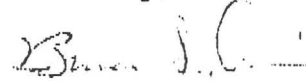
☒ This well is authorized to be drilled for mineral exploration purposes. Because of this, no pump equipment may be installed. A Project Completion Report is being furnished you for each hole to be drilled. You are required to submit this Project Completion Report within 30 days after completion of drilling. Frequently, exploration wells are abandoned shortly after drilling. Therefore, pursuant to R12-15-816.B, a Notice of Intent to Abandon a Well is being furnished.

The Department of Water Resources requires you to obtain written permission before proceeding with the drilling in the event that you determine it necessary to change the location of the proposed well. A properly signed amended Drilling Card must be in the possession of the driller before drilling commences at a different location than originally authorized.

If in the course of drilling a new well, it is determined that the well needs to be abandoned, then a Well Abandonment Completion Report must be submitted per R12-15-816.F.

For your future use, a Change of Well Information form is enclosed for your convenience. Per A.R.S. §45-593, the person to whom a well is registered shall notify this Department of a change of ownership of the well and/or information pertaining to the physical characteristics of the well, in order to keep the well registration file current and accurate.

Sincerely,



Bruce S. Davis  
Chief, Operations Division

BSD:d1  
Enclosures  
DWR-55-50-9/90(Revised)

REGISTRATION DIVISION  
15 SOUTH 15TH AVENUE  
PHOENIX, ARIZONA 85007

CHANGE OF WELL INFORMATION

Well Registration No. 55- 537768 File No. \_\_\_\_\_  
(location)

I/We request the following well information be changed: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_ Signature of Current Well Owner \_\_\_\_\_

(DO NOT CUT THIS FORM IN HALF)

STATEMENT OF CHANGE OF WELL OWNERSHIP

I, \_\_\_\_\_, state that I am (no longer) the (new)  
(please print)  
owner of the well described below:

$\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ ; Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
10 acre 40 acre 160 acre

Well Registration No. 55- \_\_\_\_\_ File No. \_\_\_\_\_  
(location)

PRINT Previous Owner's Name \_\_\_\_\_

PRINT New Owner's Name \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Dated: \_\_\_\_\_ Signature of New Owner \_\_\_\_\_

**NOTE:** A.R.S. §45-593.C. requires that the Department be notified of change of well ownership and that the well owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty (30) days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.

FILING FEE \$10.00

15 South 15th Avenue  
Phoenix, Arizona 85007

EXPLORATION WELL(S)

FILING FEE \$10.00

NOTICE OF INTENTION TO DRILL AND ABANDON EXPLORATION WELL(S)

Section 45-596, Arizona Revised Statutes, and Rule 12-15-817 provide: Prior to drilling one or more exploration wells, the well owner, or exploration firm shall file a Notice of Intention to Drill on a form provided by the Department.

**WELL/LAND LOCATION**1. Township 20 N | Range 22 E | Section 11In the case of a single well, list  
10-acre subdivision.1/4 1/4 SE 1/4  
10 ACRE 40 ACRE 160 ACRE2. County Cochise3. USMX, INC.  
Applicant Name141 UNION BLVD., #100  
AddressLAKEWOOD, CO 80228  
City State Zip4. Dennis L. Lance  
Name of Contact Person  
Phone 303-985-46655. Owner of Well:  
USMX, INC.  
Name  
141 UNION BLVD., #100  
Address  
LAKEWOOD, CO 80228  
City State Zip6. Purpose of well(s) drilled  
pursuant to this Notice:Mineral Exploration xx  
Geotechnical \_\_\_\_\_  
Cathodic Protection \_\_\_\_\_  
Grounding \_\_\_\_\_7. Number of wells 30  
(See Condition 4 on reverse side)8. Owner of Land of wellsite:  
Tombstone Development Co.  
NameP.O. Box 1445  
AddressGrand Island NE 68802  
City State ZipDO NOT WRITE IN THIS SPACE  
OFFICE RECORDFile No. D(20-22)111  
Filed 12-28-92 By ak  
Input \_\_\_\_\_ By \_\_\_\_\_

DUPLICATE

Mailed 1-5-93 By ak  
Registration 55- 537768  
AMA/INA \_\_\_\_\_  
W/S 1/1 S/B \_\_\_\_\_

## 9. DESCRIPTION OF THE WELL:

Diameter 5.25 inches  
Depth < 500 feet  
Type of casing. If none, state:None

## 10. Construction will start

January 6, 1993

Month Day Year

## 11. Drilling Firm:

Drilling Services Co.  
Name12030 E. Riggs Road  
AddressChandler, AZ 85249  
City State Zip52  
DWR License Number071734-004  
ROC License Category12. Period well will remain in use:  
n/a months13. Proposed method of abandonment of well(s) after project is completed: Abandoned in accordance withR 12-15-816. The uncased holes will be filled with cement grout from top 2 to 20 depth  
in uncased holes. The upper two feet will be backfilled.14. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility  
or storage area of hazardous materials or a petroleum storage area and tanks? Yes \_\_\_\_\_ No xx

## GENERAL INSTRUCTIONS

1. Fill out this form in DUPLICATE and send WITH \$10.00 FEE to 15 South 15th Avenue, Phoenix, AZ 85007.
2. For specific instructions, limitations and conditions, see the reverse side of this form.

I state that this Notice is filed in compliance with Rule A.A.C. R12-15-809 and R12-15-816(F), and is  
complete and correct to the best of my knowledge and belief and that I understand the conditions set  
forth on the reverse side of this form.

Date December 23, 1992Signature of Applicant/Owner  
Dennis L. Lance

## CONDITIONS

1. Construction and abandonment standards for all wells shall be in accordance with A.A.C. Rules R12-15-811 and Rules R12-15-816.
2. Drilling of well(s) shall be completed within one (1) year after the date of Notice.
3. Mineral exploration, geotechnical, cathodic protection or grounding holes of 100 feet of depth or less do not apply to these provisions and do not require filing. However, if water is encountered during the drilling of these well(s), then the well(s) must be properly abandoned in accordance with Condition 1 above.
4. More than one well may be drilled under a single notice for mineral exploration and geotechnical wells so long as they are located within a single section.
5. A Project Completion Report and WELL ABANDONMENT COMPLETION REPORT must be filed for each mineral exploration hole within thirty (30) days of completion of drilling. A Well Driller Report for each hole drilled, must be filed by the driller within thirty (30) days of completion of drilling for geotechnical, cathodic protection and grounding.
6. The location of mineral exploration and geotechnical wells may be limited to the section, township and range. However, a complete legal description may be provided at the option of the well owner.
7. Pump equipment may not be installed on wells drilled for mineral exploration, geotechnical, cathodic protection or grounding purposes.
8. Special construction standards required pursuant to R12-15-821: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. To abandon a well in the course of drilling, the drilling contractor shall not remove the drilling rig from the well site, otherwise, a Notice of Intent to Abandon a Well must be filed prior to abandonment, and abandonment shall not commence until Department authority has been issued or, if during the course of drilling a well the Driller or owner elects to discontinue drilling and proceed with the abandonment of the well. The filing of a Well Abandonment Completion Report shall be filed within 30 days of abandonment, in accordance with R12-15-816.F.



## ARIZONA DEPARTMENT OF WATER RESOURCES

15 South 15th Avenue  
Phoenix, Arizona 85007

# PROJECT COMPLETION REPORT FOR MINERAL EXPLORATION DRILLING

This report must be prepared by the owner in all detail for each hole drilled and filed with the Department within 30 days following completion of the well drilling project.

1. Owner Name: \_\_\_\_\_

Address: \_\_\_\_\_  
 Street \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

2. Lessee or Operator Name: \_\_\_\_\_

Address: \_\_\_\_\_

Street	City	State	Zip

3. Driller Name: \_\_\_\_\_

Address: \_\_\_\_\_  
 Street City State Zip

4. Location:          N/S          E/W          1/4          1/4          1/4  
Township Range Section 10-Acre 40-Acre 160-Acre

WELL REGISTRATION NO. 55-\_\_\_\_\_ (REQUIRED)

### DESCRIPTION OF WELL

5. Type of Casing (if installed): \_\_\_\_\_

6. Abandonment method and material used if abandoned: \_\_\_\_\_

Was well abandoned in the course of drilling pursuant to R12-15-816, F? Yes\_\_\_\_\_ No\_\_\_\_\_

7. Date of period drilled: From: \_\_\_\_\_ To: \_\_\_\_\_

## LOG OF WELL

☐ Unconsolidated Formation

☐ Consolidated Formation  
Depth to water in feet below land surface: \_\_\_\_\_  
(if encountered or detected)

I state that this report is filed in compliance with A.R.S. §45-600 and is complete and correct to the best of my knowledge and belief.

DO NOT WRITE IN THIS SPACE  
OFFICE RECORD

Registration No. 55-537768

Received \_\_\_\_\_ By \_\_\_\_\_

Entered \_\_\_\_\_ By \_\_\_\_\_

File No. D (20-22) 11d

Owner/Lessee's Signature \_\_\_\_\_

Date \_\_\_\_\_

FEB

## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

**Section § 45-596, Arizona Revised Statutes** provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department on a prescribed form.

1. WELL LOCATION:

T.205 N/S R.225 E/W 12  
 Township Range Section

10 Acre Subdivision

1/4 NW 1/4 SW 1/4  
 10 ACRE 40 ACRE 160 ACRE

2. Position location of the well on the land:

Latitude 31 0 42.23 "  
 Longitude 110 0 03.26 "

3. County: Cochise

4. Owner of the land of wellsite:  
 Tombstone Development Co.  
 Name P.O. Box 1445,  
 Address Grand Island NB 68802  
 City State Zip

5. Lessee of the land of wellsite:  
 Excellon USA Inc  
 Name Suite 200-20 Adelaide St E  
 Address Toronto ON Canada M5C  
 City State Zip 2T6

6. Owner of well:  
 Tombstone Development Co.  
 Name P.O. Box 1445  
 Address Grand Island, NB 68805  
 City State Zip

7. Consulting Firm: TABA INC.  
 Contact Person: Jim Briscoe  
 Phone: (602) 721-1375

8. Purpose of well drilled pursuant to this notice

Monitor ☒  
 Piezometer ☐

9. If for deepening or modifying, Well Registration Number 55- \_\_\_\_\_

DO NOT WRITE IN THIS SPACE  
OFFICE RECORD

File No. \_\_\_\_\_

Filed \_\_\_\_\_ By \_\_\_\_\_

Input \_\_\_\_\_ By \_\_\_\_\_

DUPLICATE

Mailed \_\_\_\_\_ By \_\_\_\_\_

Registration 55- \_\_\_\_\_

AMA/INA \_\_\_\_\_

W/S \_\_\_\_\_ S/B \_\_\_\_\_

10. Construction will start:  
 Feb. 22 93  
 Month Day Year

11. Period well will remain in use 5 Months/Years

12. For monitoring wells, is pump equipment to be installed?  
 Yes \_\_\_\_\_ No ☒

(a) If yes, design pump capacity \_\_\_\_\_  
 (b) What use will be made of the water testing only

13. Drilling firm:  
 Lane Environmental  
 Name SUCS. INC.  
 Address 9002 S. Hardy Dr.  
 City Tempe AZ 85284  
 State Zip

DWR License No. 473  
 A-04  
 ROC Category

14. Will this proposed well pump Colorado River water? Yes \_\_\_\_\_ No ☒  
 (See condition VI on reverse)

15. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?  
 Yes \_\_\_\_\_ No ☒

16. Proposed method of abandonment of well after project is completed: bentonite pellets from bottom to 50 feet above water level, then cuttings, then 3' cement plug to surface

17. Is this well to monitor existing contamination? \_\_\_\_\_ Potential contamination ☒ Please explain: determine whether or not Nitrate exists in the ground water at the well site

## GENERAL INSTRUCTIONS

1. Fill out this form in **DUPLICATE** and send **WITH \$10.00 FEE** to 15 South 15th Avenue, Phoenix, AZ 85007.
2. For specific instructions, limitations and conditions, see the reverse side of this form.
3. **Must be signed by land owner or lessee.**
4. Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

Date \_\_\_\_\_

Signature of Land Owner or Lessee

18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? Don Bell &  
 If construction plans have been coordinated with Arizona Department of Water Resources, Hydrology/Water Quality Division, who is the division contact? Mike Ball, David Anderson
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) Air rotary
- b) Borehole diameters: NOMINAL 10 inches from 0 feet to 20 feet.  
NOMINAL 6 inches from 20 feet to 600' feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)  
 material Steel diameter 8" inches from 0 feet to 10 feet  
 material \_\_\_\_\_ diameter \_\_\_\_\_ inches from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- d) Method of sealing at reductions NONE
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)  
 material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- f) Filter packs (state material):  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- g) Perforations or screen specifications:  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- h) Method of well development (bail, air lift, surge) \_\_\_\_\_
- i) Will surface or conductor casing extend above grade: Yes ☒ No ☐ 2'
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

## CONDITIONS

- I. Construction and abandonment standards for all wells shall be in accordance with A.A.C. R12-15-811 and R12-15-816.
- II. Drilling of the well shall be completed within one (1) year after the date of Notice.
- III. A Well Driller Report, is required within 30 days of completion of drilling. A completion Report, is required to be filed with the Department within 30 days after installation of pump equipment for monitor wells.
- IV. Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual volume of 10 acre feet total.
- V. A.A.C. Rule R12-15-811.H.2, requires that: "A monitor well shall be identified as such on the vault cover or at the top of the steel casing. Identification information will include well registration number."
- VI. If the proposed well is located near the Colorado River and if the proposed well may pump Colorado River Water, proof must be submitted with this notice that the applicant has the legal right to use Colorado River Water. Alternately, evidence needs to be submitted that supports the contention that Colorado River water will not be withdrawn by the well. Persons near the Colorado River may wish to contact the Colorado River Management Division, Department of Water Resources at (602) 542-1960 to determine those Townships and Ranges which will be affected by these requirements or with questions regarding the proof of right.
- VII. Special construction standards required pursuant to A.A.C. Rule R12-15-821: \_\_\_\_\_

## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

Section § 45-596, Arizona Revised Statutes provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department on a prescribed form.

## 1. WELL LOCATION:

T.205 N/S | R.22<sup>5</sup> E/W | 12  
Township | Range | Section

10 Acre Subdivision

NE 1/4 | NW 1/4 | SW 1/4  
10 ACRE | 40 ACRE | 160 ACRE

## 2. Position location of the well on the land:

Latitude 31 ° 42 ' 20 "Longitude 110 ° 03 ' 37 "3. County: Cochise

## 4. Owner of the land of wellsite:

Tombstone Development Co.Name P.O. Box 1445Address Grand Island NB 68802  
State Zip

## 5. Lessee of the land of wellsite:

Excellon USA Inc.Name Suite 200-20 Adelaide St.Address TORONTO ON Canada M5C  
City State Zip 2T6

## 6. Owner of well:

Tombstone Development Co.Name P.O. Box 1445Address Grand Island, NB 68805  
City State Zip7. Consulting Firm: JABA INC.Contact Person: JIM BRISCOEPhone: (402) 721-1375

## 8. Purpose of well drilled pursuant to this notice

Monitor ☒Piezometer ☐

## 9. If for deepening or modifying, Well Registration Number

55- \_\_\_\_\_

## 10. Construction will start:

Feb. 22 73  
Month Day Year

## 11. Period well will remain in

use 5 Months/Years

## 12. For monitoring wells, is pump equipment to be installed?

Yes ☐ No ☒

(a) If yes, design pump capacity \_\_\_\_\_

(b) What use will be made of the water testing only

## 13. Drilling firm:

LANE ENVIRONMENTAL  
Name SUCS. INC  
9002 S. Hardy Dr.  
Address  
Tempe AZ 85284  
City State Zip

DWR License No. 473A-04

ROC Category

14. Will this proposed well pump Colorado River water? Yes ☐ No ☒  
(See condition VI on reverse)

## 15. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?

Yes ☐ No ☒16. Proposed method of abandonment of well after project is completed: benzoinite pellets from bottom to 50 feet above water level, then cuttings, then 20' cement plug to surface17. Is this well to monitor existing contamination? Potential contamination ☒ Please explain: determine whether or not Nitrate exists in the ground water at the well site

## GENERAL INSTRUCTIONS

- Fill out this form in DUPLICATE and send WITH \$10.00 FEE to 15 South 15th Avenue, Phoenix, AZ 85007.
- For specific instructions, limitations and conditions, see the reverse side of this form.
- Must be signed by land owner or lessee.
- Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

Date

Signature of Land Owner or Lessee

18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? Don Bell &  
 If construction plans have been coordinated with Arizona Department of Water Resources, Hydrology/Water Quality Division, who is the division contact? Mike Bell, David Anderson
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) Air rotary
- b) Borehole diameters: Nominal 10 inches from 0 feet to 20 feet.  
Nominal 6 inches from 20 feet to 600' feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)  
 material Steel diameter 8" inches from 0 feet to 10 feet  
 material \_\_\_\_\_ diameter \_\_\_\_\_ inches from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- d) Method of sealing at reductions None
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)  
 material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- f) Filter packs (state material):  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- g) Perforations or screen specifications:  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- h) Method of well development (bail, air lift, surge)
- i) Will surface or conductor casing extend above grade: Yes ☒ No ☐ 2'
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

## CONDITIONS

- I. Construction and abandonment standards for all wells shall be in accordance with A.A.C. R12-15-811 and R12-15-816.
- II. Drilling of the well shall be completed within one (1) year after the date of Notice.
- III. A Well Driller Report, is required within 30 days of completion of drilling. A completion Report, is required to be filed with the Department within 30 days after installation of pump equipment for monitor wells.
- IV. Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual volume of 10 acre feet total.
- V. A.A.C. Rule R12-15-811.H.2, requires that: "A monitor well shall be identified as such on the vault cover or at the top of the steel casing. Identification information will include well registration number."
- VI. If the proposed well is located near the Colorado River and if the proposed well may pump Colorado River Water, proof must be submitted with this notice that the applicant has the legal right to use Colorado River Water. Alternately, evidence needs to be submitted that supports the contention that Colorado River water will not be withdrawn by the well. Persons near the Colorado River may wish to contact the Colorado River Management Division, Department of Water Resources at (602) 542-1960 to determine those Townships and Ranges which will be affected by these requirements or with questions regarding the proof of right.
- VII. Special construction standards required pursuant to A.A.C. Rule R12-15-821: \_\_\_\_\_



FILING FEE \$10.00

15 SOUTH 15TH AVENUE  
PHOENIX, ARIZONA 85007

FILING FEE \$10.00

## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

Section § 45-596, Arizona Revised Statutes provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department on a prescribed form.

## 1. WELL LOCATION:

T.20S N/S R.22E E/W 11  
Township Range Section

10 Acre Subdivision

SE 1/4 ~~SE~~ 1/4 S 1/4 1/4  
10 ACRE 40 ACRE 160 ACRE

## 2. Position location of the well on the land:

Latitude 31 0 42.23"

Longitude 110 0 03.26"

## 3. County: Cochise

## 4. Owner of the land of wellsite:

Tombstone Development Co.

Name

P.O. Box 1445

Address

Grand Island NB 68802  
City State Zip

## 5. Lessee of the land of wellsite:

Excellon USA Inc.

Name

Suite 200-20 Adelaide St.

Address

TORONTO ON CANADA M5C  
City State Zip 2TG

## 6. Owner of well:

Tombstone Development Co.

Name

P.O. Box 1445

Address

Grand Island, NB 68805  
City State Zip

## 7. Consulting Firm: JABA INC.

Contact Person: JIM BRISCOE

Phone: (602) 721-1375

## 8. Purpose of well drilled pursuant to this notice

Monitor ☒Piezometer ☐

## 9. If for deepening or modifying, Well Registration Number

55- \_\_\_\_\_

## 10. Construction will start:

Feb. 22 73  
Month Day Year

## 11. Period well will remain in

use 5 Months ☒ Years

## 12. For monitoring wells, is pump equipment to be installed?

Yes ☐ No ☒

(a) If yes, design pump capacity \_\_\_\_\_

(b) What use will be made of the water testing only

## 13. Drilling firm:

LANE ENVIRONMENTAL

Name

9002 S. Hardy Dr. INC

Address

Tempe AZ 85284  
City State Zip

DWR License No. 473

A-04

ROC Category

14. Will this proposed well pump Colorado River water? Yes ☐ No ☒  
(See condition VI on reverse)

## 15. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?

Yes ☐ No ☒

## 16. Proposed method of abandonment of well after project is completed: bentonite pellets from bottom to 50 feet above water level, then cuttings, then 20' cement plug to surface

17. Is this well to monitor existing contamination? Potential contamination ☒ Please explain: determine whether or not nitrate exists in the ground water at the well site

## GENERAL INSTRUCTIONS

- Fill out this form in DUPLICATE and send WITH \$10.00 FEE to 15 South 15th Avenue, Phoenix, AZ 85007.
- For specific instructions, limitations and conditions, see the reverse side of this form.
- Must be signed by land owner or lessee.
- Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

Date

Signature of Land Owner or Lessee

18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? Don Bell &
- If construction plans have been coordinated with Arizona Department of Water Resources, Hydrology/Water Quality Division, who is the division contact? Mike Bell, David Anderson
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) Air rotary
- b) Borehole diameters: Nominal 10 inches from 0 feet to 20 feet.  
Nominal 16 inches from 20 feet to 600' feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)  
 material Steel diameter 8" inches from 0 feet to 10 feet  
 material \_\_\_\_\_ diameter \_\_\_\_\_ inches from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- d) Method of sealing at reductions None
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)  
 material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- f) Filter packs (state material):  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- g) Perforations or screen specifications:  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- h) Method of well development (bail, air lift, surge) \_\_\_\_\_
- i) Will surface or conductor casing extend above grade: Yes ☒ No ☐ 2'
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

## CONDITIONS

- I. Construction and abandonment standards for all wells shall be in accordance with A.A.C. R12-15-811 and R12-15-816.
- II. Drilling of the well shall be completed within one (1) year after the date of Notice.
- III. A Well Driller Report, is required within 30 days of completion of drilling. A completion Report, is required to be filed with the Department within 30 days after installation of pump equipment for monitor wells.
- IV. Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual volume of 10 acre feet total.
- V. A.A.C. Rule R12-15-811.H.2, requires that: "A monitor well shall be identified as such on the vault cover or at the top of the steel casing. Identification information will include well registration number."
- VI. If the proposed well is located near the Colorado River and if the proposed well may pump Colorado River Water, proof must be submitted with this notice that the applicant has the legal right to use Colorado River Water. Alternately, evidence needs to be submitted that supports the contention that Colorado River water will not be withdrawn by the well. Persons near the Colorado River may wish to contact the Colorado River Management Division, Department of Water Resources at (602) 542-1960 to determine those Townships and Ranges which will be affected by these requirements or with questions regarding the proof of right.
- VII. Special construction standards required pursuant to A.A.C. Rule R12-15-821: \_\_\_\_\_



FILE

Tombstone Dev. Co.



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

February 19, 1993

Mr. Steve Henderson  
Director Of Public Works  
Tombstone, City Of  
East Allen Street  
Tombstone, AZ USA

85638

Dear Steve,

Re: Return of Cella Barr Associates water distribution and master plan, City of Tombstone

Returned with this note is your copy of the above referenced report. We have copied it and entered it into our note book collection of data pertaining to the Tombstone area. If it should ever be destroyed or lost, we would be happy to provide you another copy from our archives.

Thank you for your loan of this material.

Very truly yours;

A handwritten signature in cursive script, appearing to read "James A. Briscoe".

James A. Briscoe  
SH 02/19/93

COPY

2/18/93

## ARIZONA DEPARTMENT OF WATER RESOURCES

15 South 15th Avenue, Phoenix, Arizona 85007  
Telephone (602) 542-1553  
Fax (602) 256-0506



FIFE SYMINGTON  
Governor

ELIZABETH ANN RIEKE  
Director

Re: Registration No. 55-538214 538215

File No. D(20-22)11ddd D(20-22)12cba

Dear Well Owner:

Enclosed for your records is an annotated copy of the Notice of Intention to Drill a well which was recently filed with this Department. This is returned to you as evidence of compliance with A.R.S. §45-596. Your designated driller has been mailed, separately, a Well Drilling Card which he is required to have in his possession before commencing to drill the well.

☒

Since this well is being drilled as a monitor well, or for cathodic protection, grounding, geotechnical or piezometer purposes, our standard driller report form is also being furnished to the driller which he is required to complete and return to the Department within 30 days after the completion of drilling. A Completion Report form is being furnished for monitor wells where pump equipment is authorized to be installed as part of this packet so that you may submit the report within 30 days after the installation of the pumping equipment on a monitor well as required by A.R.S. §45-600.

☐

This well is authorized to be drilled for mineral exploration purposes. Because of this, no pump equipment may be installed. A Project Completion Report is being furnished you for each hole to be drilled. You are required to submit this Project Completion Report within 30 days after completion of drilling. Frequently, exploration wells are abandoned shortly after drilling. Therefore, pursuant to R12-15-816.B, a Notice of Intent to Abandon a Well is being furnished.

The Department of Water Resources requires you to obtain written permission before proceeding with the drilling in the event that you determine it necessary to change the location of the proposed well. A properly signed amended Drilling Card must be in the possession of the driller before drilling commences at a different location than originally authorized.

If in the course of drilling a new well, it is determined that the well needs to be abandoned, then a Well Abandonment Completion Report must be submitted per R12-15-816.F.

For your future use, a Change of Well Information form is enclosed for your convenience. Per A.R.S. §45-593, the person to whom a well is registered shall notify this Department of a change of ownership of the well and/or information pertaining to the physical characteristics of the well, in order to keep the well registration file current and accurate.



Sincerely,

Bruce S. Davis  
Chief, Operations Division

BSD:dl  
Enclosures  
DWR-55-50-9/90(Revised)

## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

Section § 45-596, Arizona Revised Statutes provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department on a prescribed form.

## 1. WELL LOCATION:

T. 20S N/S R. 22E E/W 12  
Township Range Section

10 Acre Subdivision

NE 1/4 NW 1/4 SW 1/4  
10 ACRE 40 ACRE 160 ACRE

## 2. Position location of the well on the land:

Latitude 31 0 42.20"

Longitude 110 0 03.37"

## 3. County: Cochise

## 4. Owner of the land of wellsite:

Tombstone Development Co.

Name P.O. Box 1445,

Address Grand Island NB 68802  
City State Zip

## 5. Lessee of the land of wellsite:

Excellon USA Inc.

Name Suite 200-20 Adelaide St.

Address Toronto ON Canada M5C  
City State Zip ZT6

## 6. Owner of well:

Tombstone Development Co.

Name P.O. Box 1445

Address Grand Island, NB 68805  
City State Zip

## 7. Consulting Firm: TABA INC.

Contact Person: JIM BRISCOE

Phone: (602) 721-1375

## 8. Purpose of well drilled pursuant to this notice

Monitor ☒Piezometer ☐

## 9. If for deepening or modifying, Well Registration Number

55- \_\_\_\_\_

## 10. Construction will start:

Feb. 22 73  
Month Day Year

## 11. Period well will remain in

use 5 Months/Years

## 12. For monitoring wells, is pump equipment to be installed?

Yes ☐ No ☒

(a) If yes, design pump capacity \_\_\_\_\_

(b) What use will be made of the water testing only

## 13. Drilling firm:

LANE ENVIRONMENTAL

Name EUCS. INC.  
9002 S. Hardy Dr.Address Tempe AZ 85284  
City State Zip

DWR License No. 473

A-04

ROC Category

14. Will this proposed well pump Colorado River water? Yes ☐ No ☒  
(See condition VI on reverse)15. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?  
Yes ☐ No ☒

## 16. Proposed method of abandonment of well after project is completed: bentonite pellets from bottom to 50 feet above water level, then cuttings, then 20' cement plug to surface

17. Is this well to monitor existing contamination? Potential contamination ☒ Please explain: determine whether or not Nitrate exists in the ground water at the well site

## GENERAL INSTRUCTIONS

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- For specific instructions, limitations and conditions, see the reverse side of this form.
- Must be signed by land owner or lessee.

Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

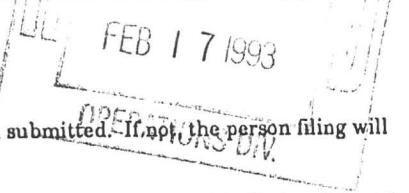
I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

Feb 13, 1993

Date

Signature of Land Owner or Lessee

Jerome Niedfeldt Pres.



18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? Don Bell &  
If construction plans have been coordinated with Arizona Department of Water Resources, Hydrology/Water Quality Division, who is the division contact? Mike Bell, David Anderson
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) Air rotary
- b) Borehole diameters: NOMINAL 10 inches from 0 feet to 20 feet.  
NOMINAL 16 inches from 20 feet to 600' feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)  
material steel diameter 8" inches from 0 feet to 20 feet  
material \_\_\_\_\_ diameter \_\_\_\_\_ inches from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- d) Method of sealing at reductions ~~None~~ Cement
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)  
material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
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material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- g) Perforations or screen specifications:  
type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- h) Method of well development (bail, air lift, surge) Will not be developed at this time
- i) Will surface or conductor casing extend above grade: Yes ☒ No ☐ 2'
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

## CONDITIONS

- I. Construction and abandonment standards for all wells shall be in accordance with A.A.C. R12-15-811 and R12-15-816.
- II. Drilling of the well shall be completed within one (1) year after the date of Notice.
- III. A Well Driller Report, is required within 30 days of completion of drilling. A completion Report, is required to be filed with the Department within 30 days after installation of pump equipment for monitor wells.
- IV. Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual volume of 10 acre feet total.
- V. A.A.C. Rule R12-15-811.H.2, requires that: "A monitor well shall be identified as such on the vault cover or at the top of the steel casing. Identification information will include well registration number."
- VI. If the proposed well is located near the Colorado River and if the proposed well may pump Colorado River Water, proof must be submitted with this notice that the applicant has the legal right to use Colorado River Water. Alternately, evidence needs to be submitted that supports the contention that Colorado River water will not be withdrawn by the well. Persons near the Colorado River may wish to contact the Colorado River Management Division, Department of Water Resources at (602) 542-1960 to determine those Townships and Ranges which will be affected by these requirements or with questions regarding the proof of right.
- VII. Special construction standards required pursuant to A.A.C. Rule R12-15-821: \_\_\_\_\_

## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

Section § 45-596, Arizona Revised Statutes provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department on a prescribed form.

## 1. WELL LOCATION:

T. 20S N/S R. 22E E/W 17  
Township Range Section

10 Acre Subdivision

SE 1/4 SE 1/4 SE 1/4  
10 ACRE 40 ACRE 160 ACRE

## 2. Position location of the well on the land:

Latitude 31 0 42.23 "

Longitude 110 0 03.26 "

## 3. County: Cochise

## 4. Owner of the land of wellsite:

Tombstone Development Co.  
Name  
P.O. Box 1445  
Address  
Grand Island NB 68802  
City State Zip

## 5. Lessee of the land of wellsite:

Excellon USA Inc.  
Name  
Suite 200-20 Adelaide St.  
Address  
Toronto ON Canada M5C  
City State Zip 216

## 6. Owner of well:

Tombstone Development Co.  
Name  
P.O. Box 1445  
Address  
Grand Island, NB 68805  
City State Zip

## 7. Consulting Firm: TABA INC.

Contact Person: TIM BRISCOE

Phone: (602) 721-1375

## 8. Purpose of well drilled pursuant to this notice

Monitor ☒Piezometer ☐

## 9. If for deepening or modifying, Well Registration Number

55- \_\_\_\_\_

## 10. Construction will start:

Feb. 22 73  
Month Day Year

## 11. Period well will remain in

use 5 Months/Years

## 12. For monitoring wells, is pump equipment to be installed?

Yes ☐ No ☒

(a) If yes, design pump capacity \_\_\_\_\_

(b) What use will be made of the water testing only

## 13. Drilling firm:

Lane Environmental  
Name  
9002 S. Hardy Dr. SUCS. INC.  
Address  
Tempe AZ 85284  
City State Zip

DWR License No. 473

A-04

ROC Category

14. Will this proposed well pump Colorado River water? Yes ☐ No ☒  
(See condition VI on reverse)

## 15. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?

Yes ☐ No ☒

## 16. Proposed method of abandonment of well after project is completed: bentonite pellets from bottom to 50 feet above water level, then cuttings, then 20' cement plug to surface

17. Is this well to monitor existing contamination? Potential contamination ☒ Please explain: determine whether or not nitrate exists in the ground water at the well site

## GENERAL INSTRUCTIONS

1. Fill out this form in DUPLICATE and send WITH \$10.00 FEE to 15 South 15th Avenue, Phoenix, AZ 85007.

2. For specific instructions, limitations and conditions, see the reverse side of this form.

3. Must be signed by land owner or lessee.

4. Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

Feb. 13, 1993

Date

Jerome Niedtner, Pres.  
Signature of Land Owner or Lessee

FEB 17 1993



18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? Don Bell &  
If construction plans have been coordinated with Arizona Department of Water Resources, Hydrology/Water Quality Division, who is the division contact? Mike Bell, David Anderson
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) air rotary
- b) Borehole diameters: Nominal 10 inches from 0 feet to 20 feet.  
Nominal 16 inches from 20 feet to 600' feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)  
material steel diameter 8" inches from 0 feet to 20 feet  
material \_\_\_\_\_ diameter \_\_\_\_\_ inches from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- d) Method of sealing at reductions None cement
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)  
material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
material \_\_\_\_\_ method \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- f) Filter packs (state material):  
material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- g) Perforations or screen specifications:  
type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- h) Method of well development (bail, air lift, surge) will not be developed at this time
- i) Will surface or conductor casing extend above grade: Yes ☒ No 2'
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

## CONDITIONS

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- VII. Special construction standards required pursuant to A.A.C. Rule R12-15-821: \_\_\_\_\_

MAR



# Notes

MAR

APR

# Notes

APR



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

FAX TRANSMITTAL

# of Pages 2

TO: Terry Niedt FROM: J.A. BRISCOE  
CO: Tombstone Der JABA, INC.  
DATE: 4/7/93 PHONE: (602) 721-1375  
FAX # (308) 382-7482 FAX # (602) 298-6688 \*2  
COMMENTS \_\_\_\_\_

April 1, 1993

Mr. Donald G. Bell  
Water Pollution Compliance Officer  
AZ Dept. Of Environmental Quality  
Office Of Water Quality  
3033 N. Central Avenue  
Phoenix, AZ USA 85012

Dear Mr. Bell,

Re: Progress report on the Contention Mine area, Tombstone Mining District, Cochise County, Arizona

Drilling by USMX Inc. commenced in the Contention Open Pit area, on the west side of the Pit on January 19, 1993. Drilling continued with one interruption for a personnel break of four days and was completed February 24, 1993. Seven holes were vertical and to a maximum depth of 400 feet. The remainder of the holes were inclined at angles of 80, 70, 60 and 45 degrees from the horizontal. The maximum length of these holes was also 400 feet with a vertical depth of less than 400 feet. None of these holes encountered the permanent water table that lies at approximately 500 feet below the land surface, nor perched water tables. All holes were back filled and capped as per Arizona Department of Water Resources regulations. The appended map shows the locations of these holes.

After an approximate break of three weeks, drilling was commenced again on about March 18, 1993, and will be completed about the end of the first week of April, 1993. No details are yet available about this drilling. However all holes are being abandoned per regulation.

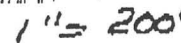
Two water monitor well sites have been chosen with the help of David Anderson of the ADEQ, and permitted. These wells will be drilled to a depth of 600 feet and capped until monitoring is started. Drilling on these wells will probably start next week and take about two days per well.

Reporting which is currently behind projected schedule should be caught up by mid April.

Very truly yours

James A. Briscoe

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Journal compilation © 2006 Blackwell Publishing Ltd



Concrete  
Cattle Guard

**Drilling Services Company****Becker Drills**

United Divisions of Layne-Western Company, Inc.

12030 East Riggs Road  
Chandler, Arizona 85249  
(602) 895-9336 Fax: (602) 895-9536

11465 North Highway 2, P.O. Box 567  
Commerce City, Colorado 80037  
(303) 286-7776 Fax: (303) 289-7819

Mr. Jerry Neidfelt  
Tombstone Development Corp.  
FAX (308) 382-7482

April 22, 1993

Dear Mr. Neidfelt:

Pursuant to our phone conversation of 4-21-93 here are some estimates as to the costs to place 600 feet of casing in the hole we drilled on your Tombstone, Arizona property. The below listed prices are utilized in this estimate:

Sch 40 mild steel casing, 4"	\$7.00/foot
Type 304 SST screen, 0.20" slot	\$27.80/foot
Sch 80 PVC casing, 4"	\$3.50/foot
Sch 80 PVC screen 4"	\$4.80/foot

In speaking with my people here, the best method to install either type of casing would involve reaming the hole to at least a six inch diameter. With the steel casing we would attempt to install it in open hole. If this was not successful we would then install washover casing, place the steel casing and then extract the washover. With the PVC, we would ream to six inches, install washover and then place the casing.

It appears to me that the PVC is the way to go because ultimately the methods of placement would most likely be the same. Your cost savings would be in materials. The estimate below indicates what I believe represents the outside costs to be for the above described work.

Activity	Rate/Duration	Cost
Reaming hole to 6"	6 hrs. @ \$150/hr.	\$900.00
Install washover	4 hrs. @ \$150/hr.	\$600.00
Install PVC	4 hrs. @ \$150/hr.	\$600.00
Retrieve Washover	2 hrs. @ \$150/hr.	\$300.00
560' 4"PVC+15%	\$4.00/foot	\$2,240.00
40' PVC screen+15%	\$5.50/foot	\$220.00
TOTAL	---	\$4,860.00

Please let me know what you decide. Sincerely,

*R. Histed*  
Rich Histed

cc: J. Briscoe  
T. Waldrup  
**DSC**

**Becker**

6/1/93  
to Rick Histed

1 (602) 895-9536 6/1/93 10:55 AM



**MAY**

# Notes

MAY



# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Fife Symington, Governor

Edward Z. Fox, Director

REF: WP-93-1321

DATE: May 13, 1993

J. Michael Ashworth, President  
PBR Minerals, Inc.  
PO Box 370  
Tombstone, Arizona 85638

Re: PBR Minerals-Grand Central Leaching Facility; Groundwater Protection Permit No. G-0020-02;  
Inventory Number 100334; Cochise County.

Dear Mr. Ashworth:

On January 20, 1989, Groundwater Protection Permit No. G-0020-20 was issued to PBR Minerals, Inc. for the purposes of operating the Grand Central Leaching Facility and to perform hydrologic investigations and necessary corrective actions relating to groundwater contamination which occurred as a result of the operation of a previous leaching facility at the Contention Mine site. PBR Minerals, Inc. did not fully comply with the terms and conditions of the permit. Based on the Department's review of this facility's file, it has been determined that PBR Minerals, Inc. has violated the following provisions:

STATUTORY/REGULATORY CITATION:

VIOLATION:

Arizona Revised Statute § 49-141.6.

Caused an environmental nuisance by polluting and contaminating domestic waters.

Arizona Revised Statute § 49-263.A.3.

Failed to monitor, sample and report as required by the permit.

Arizona Administrative Code R18-9-103.B.1.

Failed to comply with the terms and conditions of Groundwater Protection Permit Number G-0020-20.

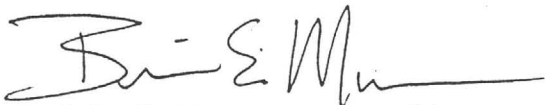
In accordance with the Arizona Administrative Code R18-9-121.F.1., due to the non-compliance with the conditions of Groundwater Protection Permit Number G-0020-02 and the apparent inability to correct this non-compliance, this letter is notification that the Director of ADEQ intends to revoke the permit. A public notice will be Published in a paper of general distribution in the area in which the facility resides, allowing for 30 days during which the public may comment on the proposed action. Please be informed that once revoked, any operation of a discharging facility requires that an Aquifer Protection Permit be issued prior to commencing operation.



PBR Minerals, Inc.  
GWPP Revocation  
May 10, 1993  
page 2

If you have any questions concerning this matter, please contact Don Bell of the Water Pollution Compliance Unit at (602)207-4613.

Sincerely,



Brian E. Munson, Assistant Director  
Office of Water Quality  
Arizona Department of Environmental Quality

BEM:DGB:arv

cc:

Roger Kennett, Plan Review and Permits  
Al Roesler, Manager, Mining APP Unit  
Andy Rendes, Southern Regional Office  
Don Bell, Water Pollution Compliance Unit  
Jerry Niedfeldt, President, Tombstone Development Company



JUN

# Notes

JUN



JABA INC.  
2100 N. Wilmot Rd. #218  
Tucson, AZ 85712  
(602) 885-9141  
(FAX) 721-2768

June 11, 1993

Mr. Donald G. Bell  
Water Pollution Compliance Officer  
AZ Dept. Of Environmental Quality  
Office Of Water Quality  
3033 N. Central Avenue  
Phoenix, AZ USA 85012

Dear Mr. Bell,

Re: Monthly report for May, 1993 on the Contention Mine area, Tombstone Mining District, Cochise Co., Arizona - prepared on behalf of the Tombstone Development Co., Inc., Grand Island, Nebraska.

The primary activity on the Contention Mine area during the month was exploration drilling by USMX Inc. of Denver Colorado. USMX on the first of May decided to join as a formal joint venture partner of Excellon Resources US Inc. the lease holder and Valdez Gold Inc. (see attached news release).

Starting in early January of 1993, USMX acted to test mineralization in the Tombstone area on a month by month basis. Joining in a Joint Venture with Excellon / Valdez in May for a minimum 3 month period is indicative of encouraging results from the previous work.

Excellon had prepared a computer model of the Contention Mine and surrounding area including the southeastern portion of the town of Tombstone. This model, known as a digital elevation model (DEM) can be displayed in a variety of formats and viewed from any angle. For this report, a typical topographic map was constructed and is shown in Figures 1, 2, and 3. Though the topography is available with 5 foot contour intervals, only the 25 foot contours are shown in these figures, so cultural features would stand out. All wells and exploration holes as of 4/15/93 were surveyed and plotted accurately on the map views, showing collar position as well as true bottom hole location in plan. Figure 4 is a north - south crosssectional view showing all exploration drill holes, current monitor wells including Tombstone City Well #1, anticipated monitor wells MW #1, and #2 and the mean water level plotted from TEI # 2.

As can be seen from Figure 4, all exploration drill holes are above the water table. These holes have been backfilled and plugged according to Arizona regulation. Samples of all cuttings

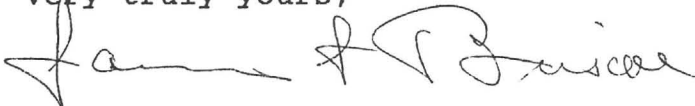
have been retained for further analysis, including surface intervals where dump material was cut. No perched water has been encountered.

Monitor wells #1 and #2 were spudded. After a 20 foot surface casing was cemented in, Monitor Well # 1 encountered broken and caving ground at about 80 feet, and was temporarily abandoned until a casing program could be designed and material acquired. Surface casing could not be placed because of caving conditions at Monitor Well # 2 and the site was abandoned. Monitor Well #3 was sited 900 feet east and due south of Monitor Well #1. After setting the 20 feet of surface casing, caving conditions were encountered in this well also. It too was temporarily abandoned.

PVC casing and screen has been designed for Monitor Wells # 1 and #3, and drilling them to 600 feet and casing is planned for the last half of June, or as soon as a rig is available. Sampling of the water table will begin after well completion.

It is anticipated that the drilling program in the Contention area may define an ore body. Thus an APP for operation may be required. It is understood that the permit issued to PBR Minerals Inc. is in noncompliance, and an APP for closure is required. Both will be started on by mid June.

Very truly yours;



James A. Briscoe  
Registered Geologist

DGB06/01/93

cc: Jerry Niedfelt, Pres., Tombstone Development Co.  
A. Douglas MacKenzie, Pres., Excellon Resources USA Inc.  
James Knox, Pres., USMX Inc.



JUL

# Tombstone Development Company

P.O. BOX 1445

TELEPHONE 308/382-7480

GRAND ISLAND, NEBRASKA 68802

July 15th, 1993

Bisbee Salvage and Equipment Company  
P. O. Box 4517  
Bisbee, Arizona 85603

Attention: Bill Gianetto

Dear Bill:

I have been wanting to thank you for sending us a list of equipment that you purchased at the auction site on Tombstone Development property. Frank and I enjoyed the visit with you in Tombstone and want to thank you again for making the trip there to meet with us.

I mentioned during this meeting that it has become necessary for removal of this equipment, but I did not know at that time the schedule we would have to meet. We have now been informed by the Department of Environmental Quality that all this excess equipment must be removed within 90 days, starting July 15th, 1993.

Please understand that this is not a requirement of Tombstone Development Company, but of the Department of Environmental Quality.

We therefore must request that we live within this time frame since financial penalty can be assessed for failure to do so.

received  
7/21/93



Very truly yours,

*Jerome Niedfelt*  
Tombstone Development Company  
By: Jerome Niedfelt, President

JN/ap

# AUCTION

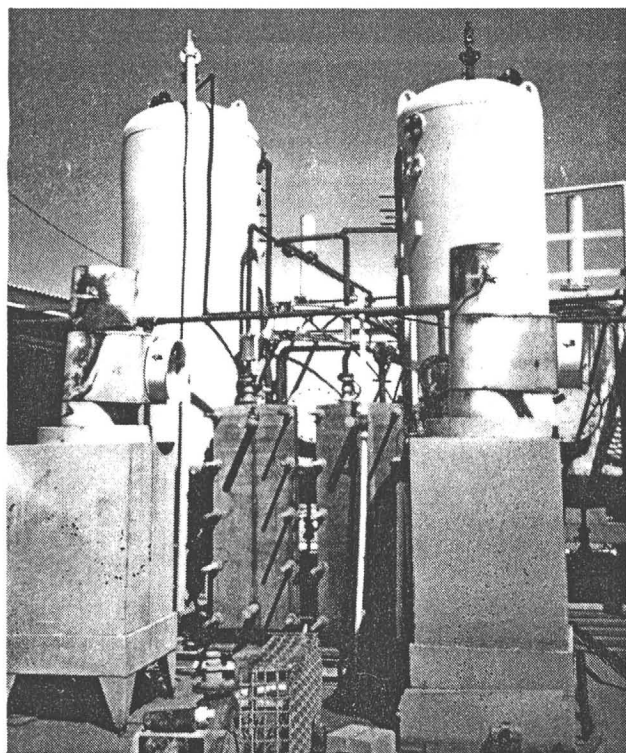
## SILVER AND GOLD PROCESSING EQUIPMENT

COWACHIN MINES, LTD. has commissioned HENDRIX & ASSOCIATES AUCTIONS to sell at AUCTION their surplus inventory of SILVER AND GOLD PROCESSING EQUIPMENT. Equipment has been properly maintained and was in use at time Cowachin Mines opted to change their processing method.

10:04 A.M., THURSDAY, DECEMBER 8, 1988

In HISTORIC TOMBSTONE, ARIZONA

(Half Mile Southeast of the City of Tombstone on the Old Bisbee Highway off Allen Street)



Carbon Stripper

INSPECTION DAYS:  
DECEMBER 6 AND 7



Carbon In Pulp/Carbon In Leach System

**TERMS OF PAYMENT:** Cash, Cashier's Check, Business Check if accompanied by Bank Letter. All sales are final. Equipment is sold AS-IS, WHERE-IS with no warranty or guarantees implied or stated.

## HENDRIX & ASSOCIATES, INC.

• AUCTIONEERS • APPRAISERS • LIQUIDATORS • CONSULTANTS

RON HENDRIX, (806) 794-9649, 5518 77th St., Lubbock, Texas 79424, TX Lic. # 6040

FOR INFORMATION: P.O. Box 370, Tombstone, Arizona, 85638, (602) 457-2282 or FAX (602) 457-3020

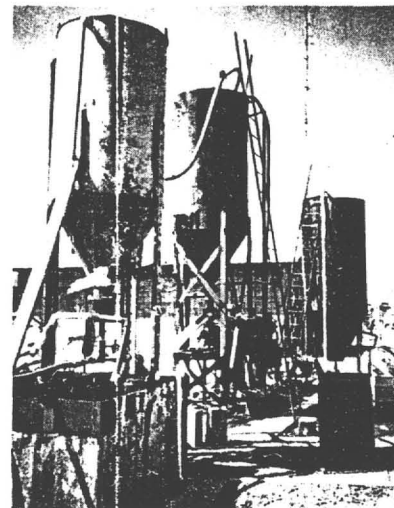
# AUC INCLUDES:

- Clear Water Carbon Adsorption System: (6) 2-Ton Pressurized Towers, Rated Flow is 700-800 GPM; One 2-Ton Open Tower
- Carbon In Pulp/Carbon in Leach System: (3) 7'x9' Agitating Tanks with Lightnin Agitation and Fully Equipped with Sandpiper Transfer Pumps, Air Lines and Screens
- 20,000 Lbs. of West States 521G Carbon (Bagged)
- Carbon Stripper: (2) One-Ton Stripping Vessels Equipped with (2) Sioux D-1000 Instant Hot Water Heaters (1,000,000 BTUH) and (2) Transfer Super Chargers plus 800-Gal. Preg and 800-Gal. Barren Tanks, 10 HP Viking Positive Displacement Pump, Stainless Steel Valves And Flanges
- Zinc Precip Feeder
- Filter Press (30 Sw. Ft.) with 2 HP Teel Pump and Venturi Vacuum System also with 2 HP Teel Pump
- Carbon Acid Wash Tank
- Heat Reactivators
- Holding Tank
- Carbon Transfer Equipment
- 4'x24" Trommel w/Gear Reducer and 10 HP Motor
- Atkins Twin 48" Classifier (Sand Screw w/Electrical and 75 HP Elec. Motor and Catwalk
- Feeder: 15-Ton Bin w/Grizzly, Underflow Belt w/10 HP Motor and Gear Reducer, 18 x 100 Conveyor with Belts and Pulleys
- (3) Settling Tanks, Two 20,000-Gal. and One 12,000-Gal.
- Bolt Bin and Contents
- (4) Gate Valves
- (2) Butterfly Valves
- Jaeger Pump, 6"x6"
- Centrifugal Pump w/Motor
- Gorman Repp Pump, 3"x3"
- Worthington Pump, 4"x3"
- Denver 3"x3" Rubber Lined Pump w. Westinghouse 20 HP Motor
- ITT 1 1/4" x 2" Pump w/2 HP Motor
- UMI 1 1/4" x 1" Centrifugal Pump w/ 2 HP Motor
- Jet 1" x 3/4" Pump w/ 1/2 HP Motor
- 3 1/4"x3/4" Centrifugal Pump, 3/4 HP Motor
- Morse 87 to 1 Gear Reducer, Model 103K
- Krebbs Cyclone Separator, Model 202, 8"x6" Rated
- Gardner-Denver Compressor, 250 CFM
- Jaeger Pump w/10 HP Motor
- Pump w/15 HP Motor
- G.E. 25 HP Electric Motor
- U.S. 7 1/2 HP Electric Motor
- (4) Assorted Electric Motors
- U.S. 40 HP Electric Motor
- U.S. 30 HP Motor
- Pallets of Electrical Switch Boxes
- Assorted Flanges and Fittings
- (6) Gate Valves, 6X
- (3) Gate Valves, 3X
- Pinch Valves

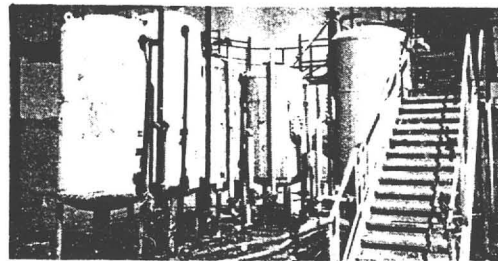
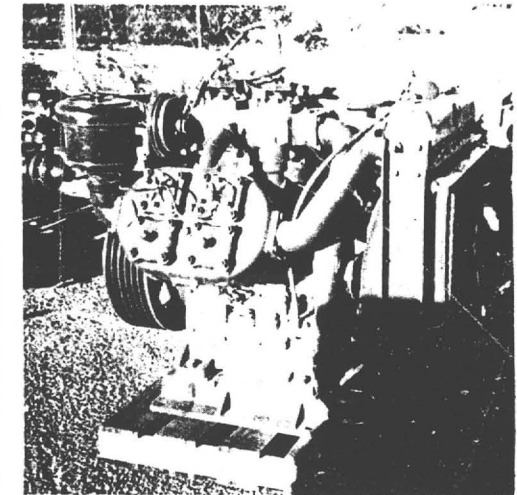
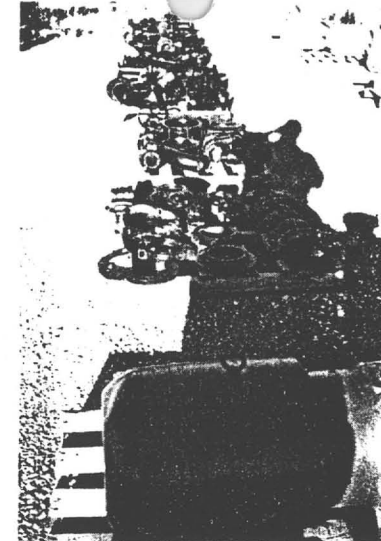
- (4) Plug Valves
- 6" Check Valves
- 4" Cross T
- Assorted Victraulic Fittings and Clamps
- Ingersoll-Rand 5"x3" Pump w/15 HP Electric Motor
- Door-Oliver 6"x4" Rubber Lined Pump
- Falk Gear Reducer, 48 to 1
- U.S. 7 1/2 HP Elec. Motor, 3-Ph, 440
- Electric Motor, 10 HP
- G.E. 50 HP Electric Motor
- Wilfley 6"x10" Sand Pump
- Dorco Pump, Double Daiphram, 10"x6" w/Electric Motor
- Spool of S/S Wire, Approx. 3000'
- Assorted Pump Parts
- Bauer Hydra-Sieve, Mod. 552F
- Denver SRL 3"x3" Sand Pump w/ 10 HP Electric Motor
- Assorted Valves
- 2KW DC Generator
- Allen Sherman Pump
- Krebb Cyclones
- 50 HP U.S. Electric Motor w/6"x4" Rubber Lined Vacseal Pump

- 4"x6" Vac Pump w/30 HP Motor
- 3"x3" Dual Pump w/7 1/2 HP Delco Motor
- 60" Thickner Unit w/Winn Smith Gear Reducer
- Assorted Hoses & Pulleys
- 60" Eriz Screen
- 48" Swelo Screen
- 7 1/2 HP Submergible Mud Pump
- 30 HP Self Priming Pump
- Misc. Iron and PVC
- 900-Gal. Mixing Tank w/Catwalk and Accessories
- Other Items

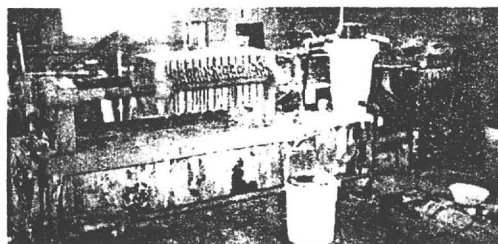
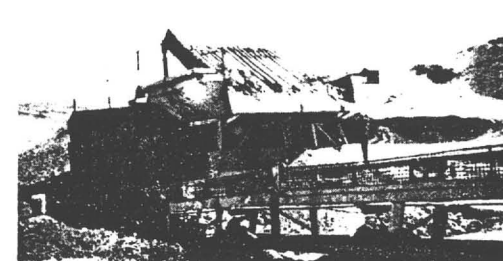
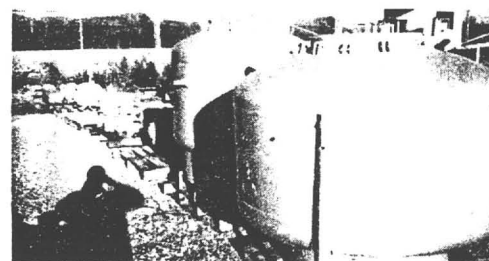
Whether you are a small or medium size operation — there will be something for you at this sale. Must see to appreciate. Please call us if you would like to come see the equipment before the designated inspection days. Our personnel will be happy to answer any and all questions. Phone: (602) 457-2282 or FAX (602) 457-3020, Tombstone, Arizona



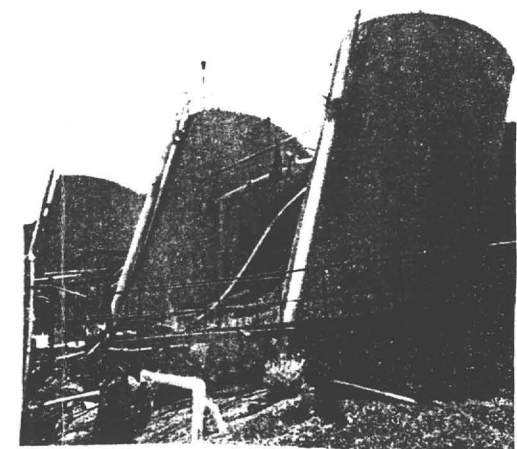
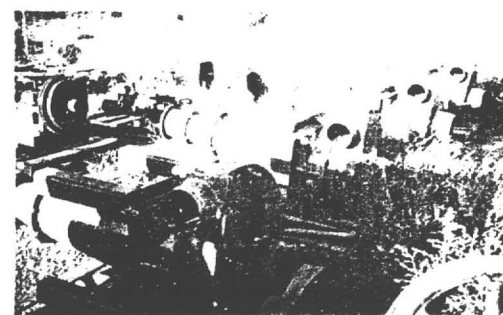
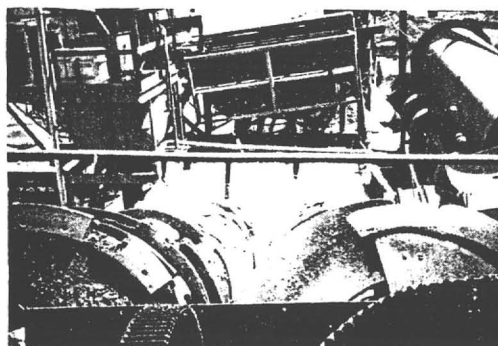
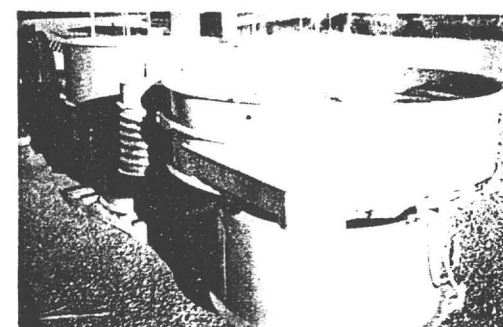
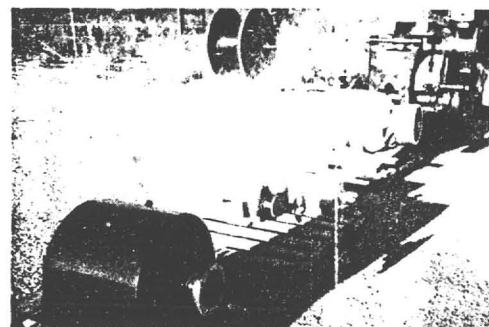
Carbon Acid Wash



Clear Water Carbon Adsorption System



Zinc Precip Feeder and Filter Press



Settling Tank

June 30, 1993

Jeff Ende, Thanks for the call thisw morning. Please review this and review this with Dave Anderson, and with Ed Pond too, please.

PLease make your comments in BOLD CAPITALS. That way I can integrate the rest of the comments and put them back into the master.. Thanks for the help and welcome aboard!

Don Bell-WQPD/DGB-4613

*Draft Copy*

CERTIFIED MAIL  
Return Receipt Requested

Date: June 30, 1993

REF: WP923

Jerry Neidfelfdt, President  
Tombstone Development Co.  
P.O.Box 1445  
Grand Island, Nebraska 68803

RE: Tombstone Development Company Inc.-Site Inspection; Inventory  
No. 102806; Cochise County.

Dear Mr. Niedfeldt:

TECHNICAL ASSISTANCE MEETING SUMMARY

The Arizona Department of Environmental Quality ("ADEQ"), conducted an inspection on June 22, 1993 at the Tombstone Development Company Mine Site ("Facility"), near Tombstone, Arizona. During the facility inspection, violations of the Arizona Revised Statutes (A.R.S.) and Arizona Administrative Code (A.A.C.) were observed.

I. MONITORING AND SAMPLING

A.R.S. 49-263 The Facility shall establish that the previously permitted Mining and leaching sites are environmentally safe.

CORRECTIVE ACTION

1. Within 90 days of the receipt of this letter, a sampling line shall be established across the old heap leach site in areas that

*I believe he means the  
old preg & barren ponds*



Tombstone Development Company, Inc.  
Technical assistance letter  
page 2

① EPA 1312 testing PPT  
Synthetic Alex. King  
Protection  
② ASP / ANP acid Gen  
POT. / Acid Heat. POT

showed the higher signs of contamination from previous sampling. The depth of the sampling shall be established by on-site investigation of cross sections of the soils present. Photographs of these profiles shall be submitted to indicate the reasoning of the choices made. A sufficient number of samples to indicate the condition of the area shall be collected. The samples shall be tested for cyanide, arsenic, copper, pH, and total Nitrogen content.

what is rational for Cu

2. Within 90 days of the receipt of this letter, a pre-approved sampling plan shall be developed and completed to indicate that the old washed pile of tailings is safe. The samples shall be tested for cyanide, arsenic, copper, pH, and total Nitrogen content.

3. Within 60 days of the receipt of this letter, monitor wells shall be drilled which will establish the flow gradient of the underground water, the character of the water in the previously polluted areas, and the presence of pollutants for any future mining operations known at this time. These monitoring wells shall be developed to become a part of the Facilities future monitoring and testing procedures. The samples shall be tested for total coliform, cyanide, arsenic, copper, pH, and total Nitrogen content. Once the Aquifer has been characterized, the facility shall develop a regular monitoring and reporting scheme for ADEQ review and approval. This schedule shall be carried out on the regular basis specified until the permits are completed.

4. Following the development and testing of these wells, a comprehensive report shall be developed, within 30 days, correlating the sites monitor wells and the outside well data. This report shall indicate the character and condition of the Aquifer and any pollution that may have been caused at the site or any adjacent locations. This evaluation shall establish the existing conditions prior to the start of any new activity. A compliance schedule describing any remediation necessary shall be developed and presented with this report.

5. Within 60 days of the receipt of this letter, a watershed control map shall be developed to indicate the runoff controls at the site. These controls shall be consistent with the Aquifer Protection Permit (APP) Needs as they are known at this time. An operations and maintenance manual shall be developed to describe the necessary maintenance required to keep the watershed controls in proper operating condition. This map and the corresponding O and M Manual shall be updated as facilities are changed at the site.

We need to identify any pollution that may be coming out of shafts or areas that we may not be responsible for.

## II. PERMITS

Within 30 days the facility shall contact Don Bell of ADEQ's Water pollution Compliance Staff to arrange for pre application meetings for the following Permits:

1. NPDES permit-Clean Water Act Section 402.
2. Aquifer Protection Permit- A.A.C. Title 18, Chapter 9.
3. UST Closure Permits- A.R.S. § 49-1008
4. Solid Waste Closure Permits-A.R.S. § 49-762

## III. SAMPLE ASSAY LABORATORY SITES

A.A.C. R18-8-261 and R18-8-262. Laboratory chemicals and process chemicals shall be handled, stored, transported and disposed of in a proper manner consistent with the above Arizona Revised Environmental Statutes and Title 27 of the Arizona Mining Statutes.

### CORRECTIVE ACTION

Laboratory and process chemicals kept on site shall be stored in properly vented rooms under lock and key. Chemicals which are out of date or which are no longer desired, shall be disposed of in the properly described manner, with a proper manifest to a properly designated disposal area.

## IV. UNDERGROUND STORAGE TANKS (UST) SITES

A.R.S. 49-1002 Petroleum product storage tanks located on site have not been properly registered with the State of Arizona and have not been properly constructed, and not properly installed, according to the requirements of the State.

### CORRECTIVE ACTION

Within 30 days of receipt of this letter, the petroleum products contained in the tanks shall be characterized by a state approved vendor and disposed of in the proper manor for the products located in each of the tanks. These actions shall be properly manifested while being carried out. Disposal shall be at an approved facility.

Within 30 days the Facility will make arrangements for a pre-permit application meeting with the ADEQ UST Section to develop the necessary closure requirements and remediation. Remediation shall include both above and below ground remediation.

V. SOLID WASTE SITES

A.A.C. R18-8-702 (proposed rule). Waste tires were observed piled in an unregistered landfill at the Facility.

CORRECTIVE ACTIONS:

Within 90 days of receipt of this letter, the facility will contact the ADEQ solid Waste Unit and file with the Director the required one time notice of commencement of burial of mining industry off road tires as required by the above rule (copy of proposed rule is attached). A.A.C. R18-8-701.5. defines "Mining industry off road motor vehicle waste tires" as an off road waste tire which is greater than three feet in outside diameter which was used in mining. This notification will identify the location of the burial cell. Since the burial cells shall become a part of the Aquifer Protection Permit (APP), I am requesting that these engineering APP requirements be completed and reviewed by APP Technical Review before complete burial is carried out. Tires which do not fit the description of a waste mining tire shall be deposited in a proper off-site Waste Tire Collection Site (WTCS).

ATTACHMENTS:

Copy of Proposed Chapter 8, Waste Tires, Article 7.  
Directory of Arizona Waste Tire Collection Sites.

A.R.S. § 49-762 The landfill was not registered with the Department as of October 1, 1992, as per part K of A.R.S. 49-762. The Facility is therefore deemed to be a new facility. As a new facility, according to A.R.S. 762.B., the Facility is required to have a facility plan prior to closure.

CORRECTIVE ACTION: Attached is a set of guidelines for closure of the landfill. Within thirty (30) days, the facility will contact Dan Zeller of the Solid Waste Unit (602-207-4118) and develop a closure plan to accommodate the solid Waste Unit, and which will meet the requirements of the APP Application which will later be submitted. At a minimum, a description of events shall be included



Tombstone Development Company, Inc.  
Technical assistance letter  
page 5

with the APP applications. This closure plan will be submitted and approved by ADEQ prior to any action on site.

Before instigation of action to cover and cap the area, the Attorney General's Office shall be contacted to determine the disposition of the evidence in their case concerning the domestic dumping which occurred on the site. Contact Investigator Andy Rubalcava of the Attorney General's Office at 602-542-4853.

Within 90 days the Facility will research and develop a waste stream guideline which will describe how to provide the proper disposal of items that have been left on site. These items (both solid waste and hazardous waste) include but are not limited to:

Empty Cyanide Barrels  
Waste Plastic pipe and liner materials  
Residues and sludges left in the heap leach area.  
Cyanide Contaminated materials not leached or washed on site.  
Laboratory and process chemicals  
Septic wastes contaminated with laboratory chemicals. NO  
OTHERS?

ATTACHMENTS:

Waste Management Landfill Closure Guidelines-1992  
Copy of the Solid Waste Statutes-Chapter 4.

VI. COMPLIANCE SCHEDULES

Within 90 days the Facility shall develop a compliance schedule that will describe the completion of all the items needed to complete the remediation of the site. This schedule shall include:

1. A monitoring and reporting schedule for the active portions of the facility.
2. A schedule for the permitting activities that are known as of the schedule delivery date. The Facility shall be responsible for the time for their participation and not for the Departments reviews.
3. A schedule for the planned cleanup and remediation actions to be carried out.

Tombstone Development Company, Inc.  
Technical assistance letter  
page 6

4. The schedules shall describe the development and time elements needed to plan and execute each of the compliance items through completion and inspection.

FACILITY is required to submit documentation of compliance with each of the referenced rules by the date specified for each.

In addition, FACILITY has agreed to enter into a Consent Order, with a compliance schedule, for those violations which cannot be addressed within Thirty (30) calendar days of the date of the technical assistance meeting. ADEQ will contact FACILITY when a draft of the order has been completed and a meeting will be scheduled at that time.

Please be advised that the violations listed above, which FACILITY agreed to resolve in thirty (30) calendar days, must be addressed within that time frame. Any violations which are not addressed within that time frame, will be incorporated into the Consent Order.

ADEQ is accountable to the citizens of Arizona and mandated by law to ensure that facilities are in compliance with all applicable statutes and rules. ADEQ must be assured that compliance has been achieved. Therefore, any submittal required by this letter must include the following statement and must be signed by a person authorized to act on behalf of the company or empowered to make decisions on behalf of the company to certify to the ADEQ their knowledge of and accountability for the submittal:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you require further assistance, please contact me at (602) 207  
\*\*\*\*.

Sincerely,

Compliance Officer  
Water Pollution Compliance Unit  
Office of Water Quality

Tombstone Development Company, Inc.  
Technical assistance letter  
page 7

DGB:arv

cc:

Al Roesler, Manager, Mining APP Unit  
Jeff Emde, Mining APP Unit  
Ron Frey, Manager, WPCU  
Peggy Guichard-Watters, Manager, OWQ Compliance Section  
Dave Anderson, PRP, APP Hydrology  
Roger Kennett, PRP, APP section  
Cochise County Health Department

Tombstone Development Company, Inc.  
Technical assistance letter  
page 8

DISTRIBUTION LIST

Jerry Neidfeldt, President  
Tombstone Development Co.  
P.O.Box 1445  
Grand Island, Nebraska 68803

Excellon Resources Inc.  
c/o Douglas Mckenzie, VP  
Suite #200-20  
Aidelaide St. East  
Toronto  
Ontario, Canada  
M5C 2T6

Jim Brisco, Representative  
Excellon Resources Inc.  
c/o Jabba Inc.  
2100 N. Wilmot  
Tucson, Arizona 85712  
(602)721-1375



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

LOTS 55-74 VOID

Price

Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

60' Thickener Unit

Price

Thank You



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(806) 794-9649  
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Description

1" GOTO HILL "

Price

Thank You



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5518 77th St. Lubbock, TX 79424



Description

Price

Thank You



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5518 77th St. Lubbock, TX 79424



Description

Price

Thank You



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5518 77th St. Lubbock, TX 79424



Description

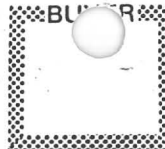
Price

Thank You





HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 15 Ton B.W Feeder w 10HP mtr  
Cleveland Gear Reducer

Price \_\_\_\_\_  
Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description Twin 48" Atkins Sand screw  
w/75HP motor / CATWALK

Price \_\_\_\_\_  
Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 100' Belt w/motor & GEAR  
Reducer

Price \_\_\_\_\_  
Thank You



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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description US 50HP ELC mtr w  
6X4 Vacs seal Pump (rubber lined).

Price \_\_\_\_\_  
Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 4X 16 Trommel w/GEAR  
Reducer & 10HP motor

Price \_\_\_\_\_  
Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description Clear Water Adsorption Unit (6)  
2 Ton Pressure Towers, (1) 2 Ton Open Tower  
CATWALK

Price \_\_\_\_\_  
Thank You





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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 3X3 Dual Prime Pump w/  
1/2 HP Delco motor

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
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Description Misc

Price \_\_\_\_\_

Thank You



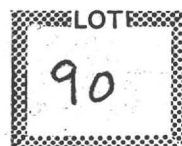
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Description Screens

Price \_\_\_\_\_

Thank You



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Description Screens

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
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Description 1 Ton Carbon Heat Pressure  
stripper (complete)

Price \_\_\_\_\_

Thank You



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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 1 Ton Carbon Heat Pressure  
stripper (complete)

Price \_\_\_\_\_

Thank You







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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 75 HP Century Pump (3x4)  
And Electrical

Price \_\_\_\_\_  
Thank You 



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 2 - 20,000 Gallon And 1 - 12,000  
Gallon Settling Tanks (4) 3/4 x 3/4 Transfer  
Pumps


Price \_\_\_\_\_  
Thank You 

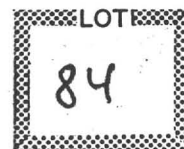


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5518 77th St. Lubbock, TX 79424



Description CARBON IN Pulp / CARBON IN LEACH UNIT  
includes (3) 7x9 Agitation Tanks w/ Lightnin  
Agitators, SS sand pump, 2" Transfer  
pump, Cone Hopper, Electrical, CATWALKS

Price \_\_\_\_\_  
Thank You 



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description 4 X 6 VACSEAL Pump  
w/ 30 HP MOTOR


Price \_\_\_\_\_  
Thank You 



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Description SMALL Pump


Price \_\_\_\_\_  
Thank You 



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5518 77th St. Lubbock, TX 79424



Description 8000 # of WEST STATES 521G  
CARBON

Price 8000 X  
Thank You 



LOT 93  
HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424

Description

Precip Unit

Price

Thank You

LOT 94  
HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424

Description

Acid Wash Unit

Price

Thank You

LOT 95  
HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424

Description

Heat Reactor w/Feeder and  
Storage Tank & Transfer Pump and Tank

Price

Thank You

LOT 96  
HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424

Description

Pallet of Hose

Price

Thank You

LOT 97  
HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424

Description

12,000 # West States 5216  
CARBON

Price

12,000 X

Thank You

LOT 1-97  
HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424

Description

Bulk bid, lots  
1-97  
PAID IN  
full 12-7-00

Price

CK # 1538

Thank You

\$ 25,000.00

SOLD TO:  
BISBEE MINING & EQUIP. Bill Gianetti



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description LOT of ASSORTED Fittings

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description LOT of Assorted  
VICTOLIC Fittings + Clamps

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description INGERSOLL RAND 5"X3" Pump  
With 15HP ELECTRIC Motor

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description DORR-OLIVER  
6"X4" Rubber lined Pump

Price \_\_\_\_\_

Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description FAIR GEAR REDUCER  
RATIO 48 to 1

Price \_\_\_\_\_

Thank You



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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description U.S. 7 1/2 HP ELECTRIC Motor

Price \_\_\_\_\_

Thank You





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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description BAUER HYDRA-SIEVE  
MD 552 F

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description DENVER SRL 3"X3"  
SAND Pump (with 10HP ELECTRIC motor)

Price \_\_\_\_\_

Thank You



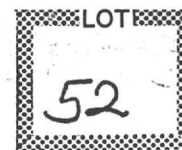
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5518 77th St. Lubbock, TX 79424



Description POUET of ASSORTED  
VALVES

Price \_\_\_\_\_

Thank You



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Description 2KW DC GENERATOR

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description ALLEN SHERMAN  
PUMP

Price \_\_\_\_\_

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description VACUUM Pump

Price \_\_\_\_\_

Thank You





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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

10 HP ELECTRIC MOTOR

Price

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

G.E. 50 HP ELECTRIC MOTOR

Price

Thank You



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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

WIFLEY 6" X 10"  
SAND PUMP

Price

Thank You



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5518 77th St. Lubbock, TX 79424



Description

DORRICO 10" X 6"  
Double / Diaphragm Pump / with electric motor

Price

Thank You



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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

3000' spool of  
S/S WIRE

Price

Thank You



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AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description

Lot of Assorted  
Pump PARTS

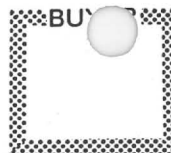
Price

Thank You





HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description LOT of ASSORTED Fittings

Price \_\_\_\_\_  
Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description DORR-OLIVER  
6"X4" RUBBER LINED PUMP

Price \_\_\_\_\_  
Thank You

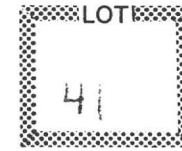


HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description LOT of Assorted  
VICTORIC Fittings + Clamps

Price \_\_\_\_\_  
Thank You



HENDRIX & ASSOCIATES  
AUCTIONEERS • LIQUIDATORS  
(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description FAIR GEAR REDUCER  
RATIO 48 TO 1

Price \_\_\_\_\_  
Thank You



HENDRIX & ASSOCIATES  
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(806) 794-9649  
5518 77th St. Lubbock, TX 79424



Description INGERSOLL RAND 5"X3" PUMP  
WITH 15HP ELECTRIC MOTOR

Price \_\_\_\_\_  
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Description U.S. 7 1/2 HP ELECTRIC MOTOR

Price \_\_\_\_\_  
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Description 3 - gate VALVES

Price 3X

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Description PINCH VALVE

Price

Thank You



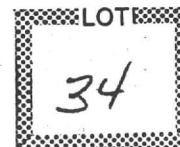
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Description LOT of ASSORTED Elbows +  
Tees

Price

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Description 4 - PLUG VALVES

Price 4X

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Description 6" CHECK VALVE

Price

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Description 4" CROSS T

Price

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LOT  
25

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BUYER

Description US 40HP ELECTRIC MOTOR

Price

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LOT  
26

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BUYER

Description US 30HP ELECTRIC MOTOR

Price

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LOT  
27

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BUYER

Description 1 PALLET OF ELECTRICAL  
Switch Boxes

Price

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LOT  
28

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BUYER

Description 1- Pallet of ELECTRICAL  
Switch Boxes

Price

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LOT  
29

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BUYER

Description Pallet of Assorted  
FLANGES & Fittings

Price

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LOT  
30

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BUYER

Description 6 gate VALVES

Price

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LOT  
19

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BUYER

Description JAEGER Pump w/10 HP  
Motor

Price

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LOT  
20

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BUYER

Description Pump with 15 HP Motor

Price

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LOT  
21

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BUYER

Description MUD Pump

Price

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LOT  
22

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BUYER

Description GE 25 HP Electric Motor

Price

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LOT  
23

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BUYER

Description U.S. 7 1/2 HP Electric Motor

Price

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LOT  
24

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BUYER

Description 4 Assorted Electric Motors

Price

Thank You





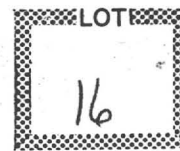
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Description MORSE GEAR REDUCED  
MD 103K Ratio 87 to 1

Price \_\_\_\_\_

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Description Krebs Cyclone Separator  
Model 202 Rated 8" x 6"

Price \_\_\_\_\_

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Description Krebs Cyclone Separator  
Model 202 Rated 8" x 6"

Price \_\_\_\_\_

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Description Krebs Cyclone Separator  
Model 202 Rated 8" x 6"

Price \_\_\_\_\_

Thank You



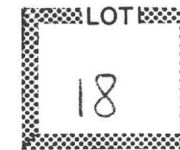
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Description Krebs Cyclone Separator  
Model 202 Rated 8" x 6"

Price \_\_\_\_\_

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Description GARDNER DANCO  
Compressor 250 CFM

Price \_\_\_\_\_

Thank You





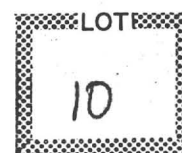
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Description 4"X3" WORTHINGTON  
Pump

Price \_\_\_\_\_

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Description 1 1/4" X 1" CENTRIFUGAL KMI Pump  
with 2 HP motor

Price \_\_\_\_\_

Thank You



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Description 3" X 3" Rubber LINED DENVUO  
Pump w/ 20 HP westinghouse motor

Price \_\_\_\_\_

Thank You



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Description 1" X 3/4" Jet Pump  
with 1/2 HP motor

Price \_\_\_\_\_

Thank You



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Description 1 1/4" X 2" CENTRIFUGAL ITT  
Pump w/ 2 HP motor

Price \_\_\_\_\_

Thank You



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Description 3/4" X 3/4" CENTRIFUGAL Pump with  
3/4 HP motor

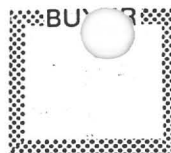
Price \_\_\_\_\_

Thank You





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Description Bolt Bin + Contents

Price \_\_\_\_\_

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Description 4 - gate VALVES

Price 4X

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Description 2 - Butterfly VALVES

Price 2X

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Description 6" X 6" JAEGER Pump

Price \_\_\_\_\_

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Description Pump w/ motor

Price \_\_\_\_\_

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Description 3" X 3" GORMAN REPT  
Pump

Price \_\_\_\_\_

Thank You



PLEASE PAY THE CASHIER BEFORE LEAVING

THANKS FOR ATTENDING

91	1 Ton Carbon Heat Pressure Stripper w/ D-1000 1,000,000 BTU Hr. Sioux Instant Hot Water Heat- er, Tranter Super Charger, Stainless Steel Valves and Fittings, (1) 1-Ton Carbon Stripping Vessel, (1) 800 gallon Strip Solution Tank, (1) 400 Gallon Strip Solution Tank, (1) Viking Positive Replacement Pump	\$
92	1 Ton Carbon Heat Pressure Stripper w/ D-1000 1,000,000 BTU Hr. Sioux Instant Hot Water Heat- er, Tranter Super Charger, Stainless Steel Valves and Fittings, (1) 1-Ton Carbon Stripping Vessel, (1) 800 gallon Strip Solution Tank, (1) 400 Gallon Strip Solution Tank, (1) Viking Positive Replacement Pump	\$
93	Precipitation Unit	\$
94	Acid Wash Unit	\$
95	Heat Reactivator w/ Feeder and Storage Tank and Transfer Pump and Tank	\$
96	Pallet of Hose	\$
97	12,000 Pounds of West States 521G Carbon	\$