

#### CONTACT INFORMATION

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D.K. MARTIN & ASSOCIATES

Mining Development & Administration

4728 N. 21st Avenue

Phoenix, Arizona 85015

27 April 1982

LPR Land Company  
Richard L. Lambert, President  
555 South Woodward Avenue  
Suite 607  
Birmingham, Michigan 48011

Dear Mr. Lambert:

Thank you for escorting Mr. Brown, geologist, and myself to your mining property located in Section 2, Township 4 South, Range 5 West, Maricopa County, Arizona, near Gila Bend, and requesting us to submit an evaluation proposal for your consideration.

Open pit mining differs from hard rock vein mining in that it is impossible to ascertain the exact content of precious metal in any one location merely by surface sampling and panning, due to the nature of the deposit and its mobility. Therefore, to attempt to calculate the extent of the deposit from these indications, could be very misleading.

It has been determined a drilling exploration program is necessary to prove the feasibility of operation and calculate reserves and a success ratio.

The geological and physical data is compiled, and targeted areas located to delineate the extent of minable ore. These areas are then drilled to a depth of 50 feet or more and carefully sampled. The results are then analyzed and a projection as to the profitability determined.

No two open pit deposits have conditions which are identical and the problems faced by any mine operator change from day to day, even on the same property.

Such conditions require the geologist and engineer possess ingenuity, resourcefulness, expertise, and experience. As has been proven, all successful mining projects have utilized well known facts, and established scientific and geologic principles in their mining operations. It stands to reason, everything else being equal, the miner whose operations are based upon and conform to fundamental laws will make the best profit.

(continued)

4/27/82  
Page Two

We are able to accomplish the required evaluation through geological and engineering expertise. We propose to utilize Mr. Frank Clark, of Clark-Oliver Mining Company as the drilling contractor who has prior knowledge of the property. He is licensed, bonded, and performs an excellent job.

Our methods employ a step by step planned approach, of which only actual charges and expenses will be made.

To evaluate, block out ore, probable ore and ore in site, on your Gold Bug Claims, it is estimated will cost somewhere between \$28,916 and \$31,314.

For a breakdown of the estimated expenditures involved to properly evaluate the mining prospect, please refer to the attached Estimate of Expenditures.

Respectfully submitted,

  
Douglas K. Martin

DKM:dm  
Encl:  
cc: D. Rose





D.K. MARTIN & ASSOCIATES  
Mining Development & Administration  
4728 N. 21st Avenue  
Phoenix, Arizona 85015

27 April 1982

GEOLOGICAL PROGRAM PROPOSAL

for

GOLD BUG MINING CLAIMS  
Maricopa County, Arizona

PROFESSIONAL SERVICES:

Geological and Engineering

7 - 8 days field time @ \$350/day	\$2450 - \$2800
4 - 5 days Office, data, reports, mapping, sample prep, etc.	1400 - 1750

EXPENSES:

7 - 8 days @ \$65/day	455 - 520
850 - 900 miles @ \$.40/mile	340 - 360
100 +/- assays	750 - 1000

SUBCONTRACT DRILLING:

1900 to 2000 feet, 50 to 200' depth @ \$10/ft	19000 - 20000
Mobilization	750 - 800

CONTINGENCY	15%	3771 - 4084
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ESTIMATED COST PROJECTION	\$28916 - \$31314
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Note: Only actual charges and expenses will be made.

GEOCHEMICAL  
EXHALATION  
SURVEYS  
602-994-9964

JOHN E. CHALLINOR  
SOIL GAS TECHNOLOGY  
6360 E. ROSE CIRCLE DR.  
SCOTTSDALE, ARIZONA 85251

URANIUM  
OIL & GAS  
GEOTHERMAL  
& METALS

GOLD BUG MINING AND MINERALS CO. INC  
CYANIDE LEACH TEST

This metallurgical report is a preliminary evaluation of the cyanide leachability of a 450 pound gold ore sample provided by Lebern Cox on September 15, 1981. The ore appears as a purple to red colored, highly oxidized, fractured granitic rock. Hematite is abundant, filling cavities in the quartz, and probably represents former pyrite sites prior to oxidation. The gold was likely associated with the pyrite as free gold was readily recovered by panning a handful of hematitic fines.

The ore sample was first screened with a 3/8 inch screen and the plus 3/8 inch product was crushed in a 5 x 5 laboratory crusher and re-screened. The minus 3/8 product was called "Fine Ore", and the plus 3/8 product, which graded up to 3/4 inch, was called "Coarse Ore".

The fine and the coarse samples were then split with a Jones splitter to obtain a representative sample for assaying. The assay sample was then crushed to minus 1/8 inch and sent for commercial assaying by atomic absorption.

The prepared ore samples were now weighed and charged into separate eight inch diameter PVC leaching columns. The fine ore column received 200 pounds, filling it to a height of 73 inches and the coarse ore column received 180 pounds, filling it to the same height. All water used in the tests was demineralized. Calcium and sodium hydroxide were added for pH control and the solution circulated until it stabilized before the cyanide was added. There was approximately 15 pounds of excess leach solution in each column and an electric pump would cycle the solution to a spray at the top of the column each two hours according to an electric timer. After a prescribed number of leach cycles are accomplished, the columns are drained, the pregnant solution weighed, and assayed by a commercial assayer using atomic absorption. The results obtained by the subsequent filling, leaching, and draining of the leach solutions can be converted to approximate times and recoveries that may be expected from actual heap leaching.

Leaching data and assays for ore and solutions are attached as is a graphical representation of the gold recovery versus time for the first five leach tests. An evaluation of the entire test will follow the completion of testing.

John E. Challinor  
September 30, 1981

FINE ORE  
LEACH TEST

Sept. 1981

Test No. 1 (8 cycles)

17	Time	pH	NaCN	Weighed 200 lbs -3/8 ore and 39.5lbs	c	s	Gold & Silver troy oz / ton of solution.	
			gpl	of water and loaded fine ore column.	y	a		
	6:00p	8.2	-	Add 15g CaO	c	m		
	8:00p	8.6	-	Add 15g CaO	1	p		
	9:00p	8.6	-	Add 15g CaO	e	l		
	11:00p	8.6	-	Add 15g CaO	s	e		
	12:00p	8.7	-	Add 15g CaO				
18	6:00a	8.4	-	Add 30g NaOH				
	7:30a	10.0	-	Add 16.5g of NaCN				
	9:30a	11.3	0.70		1	1	0.093	
	12:00a	11.2	0.67		2	2	.14	
	3:30p	11.5	0.67		4	3	.24	
	6:30p	11.3	0.67		5			
	8:30p	11.2	0.65		6			
	10:00p	11.0	0.62	Let the column drain overnight.	7			
		10.8	0.55	Recovered 14.0 lbs of preg. solution.	8	4	.35	.32
This recovery represents 0.00245 oz Au; Or a total recovery of <u>12.25%</u> from the ore								

Test No. 2 (16 cycles)

19	8:30a			Restart column with addition of 16.3 lbs of water, 1g NaOH and 10.2g NaCN				
	11:00a	11.1	0.95		2			
	3:30p	11.0	0.80		4	5	.26	
	11:00p	11.1	0.80		8	6	.29	
20	8:45a	11.1	0.75		13			
	2:00p			Drained the column after the 2 pm cycle				
		11.0	0.70	Recovered 14.0 lbs of preg. solution	16	7	.33	.27
This recovery represents 0.00231 oz Au; Or a total recovery of <u>11.55%</u> from the ore								

Test No. 3 (32 cycles)

20	8:00p			Restart column with addition of 16.7 lbs of water, 2g NaOH and 10g NaCN.				
	10:00p	11.3	0.90		1			
21	11:45a	11.1	0.80		8	8	.22	
22	7:45a	11.1	0.75		18	9	.24	
23	11:00a			Drained the column after 10am cycle.				
		10.9	0.55	Recovered 16.3 lbs of preg. solution	32	10	.24	.32
This recovery represents 0.00196 oz Au; Or a total recovery of <u>9.78%</u> from the ore								

Tests 1 thru 3 represent approximately 5 1/3 days of leaching for a total recovery of 33.58% of the gold in the sample, and 14.97% of the silver.

FINE ORE  
LEACH TEST

Sept. 1981

				c	s	Gold & Silver	
<u>Test No. 4</u> (22 cycles)				y	a	troy oz / ton	
				c	m	of solution.	
24	Time	pH	NaCN gpl	Restart column with addition of 16.7 lbs of water, 1½g NaOH and 11g NaCN.		l	p
				e	l		
				s	e		
25	7:45a	10.9	0.80	10	11	.15	
	11:00p	10.9	0.75	18	12	.15	.22
	6:00a			Drained the column after 6 am cycle.			
26	7:00a	10.8	0.75	Recovered 12.5 lbs of preg. solution		22	13
						.15	.23

This recovery represents 0.00094 oz Au, or a total recovery of 4.69% from the ore.

Test No. 5 (22 cycles)

26	11:00a			Restart column with addition of 16.7 lbs of water, 1½g NaOH and 11g NaCN.			
27	1:55a	10.9	0.85	8	14	.093	
	3:55p	10.9	0.80	15	15	.098	
28	5:55a			Drained the column after 4 am cycle.			
	8:00a	10.9	0.75	22	16	.10	.17
				Recovered 14.5 lbs of preg. solution			

This recovery represents 0.00072 oz Au, or a total recovery of 3.62% from the ore.

Test No. 6 (22 cycles)

28	11:00a			Restart column with addition of 16.7 lbs of water, 1½g NaOH and 9.7g NaCN and 50ml 3% Hydrogen Peroxide.			
	11:00p	10.7	0.80	7	-		
29	7:45a	10.7	0.80	11	17	.072	
30	5:55a			Drained the column after 4 am cycle.			
		10.7	0.75	22	18	.079	.20
				Recovered 16 lbs of preg. solution.			

This recovery represents 0.00063 oz Au, or a total recovery of 3.16% from the ore.

Tests 1 thru 6 represent approximately 10 days of leaching for a total recovery of 45.06% of the gold in the sample, and 24.12% of the silver.

COARSE ORE  
LEACH TEST

Sept. 1981

Test No. 1 (8 cycles)

17	Time	pH	NaCN	Weighed 180 lbs +3/8 ore and 25 lbs	c	s	Gold & Silver
			gpl	of water and loaded the ore column.	y	a	troy oz/ ton
	6:00p	8.4	-	Add 10g CaO	c	m	of solution.
	8:00p	11.1	-	Add 5g CaO	1	p	
	10:00p	11.0	-		e	1	
	12:00p	10.9	-		s	e	
18	6:00a	10.6	-				
	7:30a	10.6	-	Add 15g NaCN			
	9:30a	11.1	1.00		1	1	.032
	12:00a	11.0	1.10		2	2	.053
	3:30p	10.8	1.00		4	3	.097
	6:30p	10.8	1.00		5		
	8:30p	10.8	1.00		6		
	10:00p	10.8	0.95	Drained the column after 10 pm cycle.	7		
		10.6	0.80	Recovered 15.6 lbs of preg. solution	8	4	.13 1.4

This recovery represents 0.00101 oz Au; Or a total recovery of 4.02% from the ore

Test No. 2 (16 cycles)

19	8:30a			Restart column with addition of 15.8 lbs of water, 1g NaOH and 7.4g NaCN.			
	11:00a	10.8	0.90		2		
	3:30p	10.5	0.80		4	5	.075
	11:00p	10.7	0.72		8	6	.094
20	8:45a	10.7	0.65		13		
	2:00p			Drained the column after 2 pm cycle.			
		10.6	0.65	Recovered 15 lbs of preg. solution.	16	7	.13 .43

This recovery represents 0.000975 oz Au; Or a total recovery of 3.87% from the ore

Test No. 3

20	8:00p			Restart column with addition of 16.7 lbs of water, 2g NaOH and 8g NaCN.			
	10:00p	11.5	0.90		1		
21	11:45a	10.9	0.75		8	8	.069
22	7:45a	10.8	0.65		18	9	.088
23	11:00a			Drained the column after 10 am cycle.			
		10.6	0.45	Recovered 16 lbs of preg. solution.	32	10	.11 .31

This recovery represents 0.00088 oz Au; Or a total recovery of 3.49% from the ore

Tests 1 thru 3 represent approximately 5 1/3 days of leaching for a total recovery of 11.38% of the gold in the sample, and 30.78% of the silver.



COARSE ORE  
LEACH TEST

Sept. 1981

Test No. 4 (22 cycles)

					c y c l e s	s a m p l e	Gold & Silver troy oz / ton of solution.
24	Time	pH	NaCN	Restart column with addition of 16.7 lbs of water, 1½g NaOH and 7g NaCN.			
	1:00p						
25	7:45a	10.8	0.60		10	11	.061
	11:00p	10.7	0.55		18	12	.072
26	6:00a			Drained the column after 6 am cycle.			
	7:00a	10.6	0.50	Recovered 13 lbs of preg. solution.	22	13	.076 .22

This recovery represents 0.000494 oz Au, or a total recovery of 1.96% from the ore.

Test No. 5 (22 cycles)

26	11:00a			Restart column with addition of 16.7 lbs of water, 1½g NaOH and 8g NaCN.			
27	1:55a	10.8	0.75		8	14	.038
	3:55p	10.8	0.70		15	15	.045
28	5:55a			Drained the column after 4 am cycle.			
	8:00a	10.8	0.60	Recovered 13.8 lbs of preg. solution	22	16	.053 .19

This recovery represents 0.000366 oz Au, or a total recovery of 1.45% from the ore.

Test No. 6 (22 cycles)

28	11:00a			Restart column with addition of 16.7 lbs of water, 1½g NaOH and 8g NaCN			
	11:00p	10.7	0.70	and 50ml 3% Hydrogen Peroxide.	7	-	
29	7:45a	10.8	0.65		11	17	.030
30	5:55a			Drained the column after 4 am cycle.			
		10.7	0.55	Recovered 16.3 lbs of preg. solution	22	18	.040 .095

This recovery represents 0.000326 oz Au, or a total recovery of 1.29% from the ore

Tests 1 thru 6 represent approximately 10 days of leaching for a total recovery of 16.08% of the gold in the sample, and 37.28% of the silver.

# Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Mr. John Challinor  
6360 E. Rose Circle Drive  
Scottsdale, Arizona 85251

Date: September 18, 1981

Lab. No.: 3347

Sample: Solutions

Marked: Lee Cox

Received: 9/18/81

Submitted by: Same

## REPORT OF LABORATORY TESTS

troy oz/ton of solution

<u>Sample Marked</u>	<u>Gold</u>
# 1 Fine	0.093
Coarse	0.032
#2 Fine	0.14
Coarse	0.053
#3 Fine	0.24
Coarse	0.097

Respectfully submitted,

ARIZONA TESTING LABORATORIES



Robert J. Drake

# Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Mr. John Challinor  
6360 East Rose Circle Drive  
Scottsdale, Arizona 85251

Date: September 21, 1981

Lab. No.: 3353

Sample: Solutions

Marked: See Below  
Lee Cox project

Received: 9-21-81

Submitted by: Mr. Challinor

## REPORT OF LABORATORY TESTS

<u>Samples Marked</u>	<u>troy oz/ton of solution</u>	
	<u>Gold</u>	<u>Silver</u>
Cox Lot No. 1:		
4C	0.13	1.4
4F	0.35	0.32
5C	0.075	---
5F	0.26	---
6C	0.094	---
6F	0.29	---
7C	0.13	0.43
7F	0.33	0.27

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Respectfully submitted,

ARIZONA TESTING LABORATORIES

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

# Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Mr. John Challinor  
6360 East Rose Circle Drive  
Scottsdale, Arizona 85251

Date: September 24, 1981

Lab. No.: 3410

Sample: Solutions

Marked: See Below

Received: 9/24/81

Submitted by: Same

## REPORT OF LABORATORY TESTS

<u>Sample Marked</u>	<u>troy oz/ton of solution</u>	
	<u>Gold</u>	<u>Silver</u>
8F	0.22	----
8C	0.069	----
9F	0.24	----
9C	0.088	----
10F	0.24	0.32
10C	0.11	0.31

Respectfully submitted,

ARIZONA TESTING LABORATORIES

  
Claude E. McLean, Jr.



# Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Mr. John Challinor  
6360 East Rose Circle Drive  
Scottsdale, Arizona 85251

Date: September 28, 1981

Lab. No.: 3452

Sample: Solution

Marked: Cox Lot #1

Received: 9/28/81

Submitted by: Same

## REPORT OF LABORATORY TESTS

troy oz/ton of solution

<u>Sample Marked</u>	<u>Gold</u>
11C	0.061
11F	0.15
14C	0.038
14F	0.093
15C	0.045
15F	0.098

Respectfully submitted,

ARIZONA TESTING LABORATORIES

*Claude E. McLean, Jr.*

Claude E. McLean, Jr.

# Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Mr. John Challinor  
6360 East Rose Circle Drive  
Scottsdale, Arizona 85251

Date: September 28, 1981

Lab. No.: 3453

Sample: Solutions

Marked: Cox Lot #1

Received: 9/28/81

Submitted by: Same

## REPORT OF LABORATORY TESTS

<u>Sample Marked</u>	<u>troy oz/ton of solution</u>	
	<u>Gold</u>	<u>Silver</u>
12C	0.072	0.29
12F	0.15	0.22
13C	0.076	0.22
13F	0.15	0.23
16C	0.053	0.19
16F	0.10	0.17

Respectfully submitted,

ARIZONA TESTING LABORATORIES

  
Claude E. McLean, Jr.

# Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Mr. John Challinor  
6360 East Rose Circle Drive  
Scottsdale, Arizona 85251

Date: September 30, 1981

Lab. No.: 3491

Sample: Solutions

Marked: Cox Lot 1

Received: 9-30-81

Submitted by: Mr. Challinor

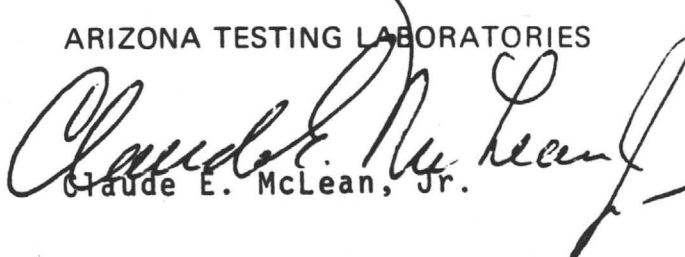
## REPORT OF LABORATORY TESTS

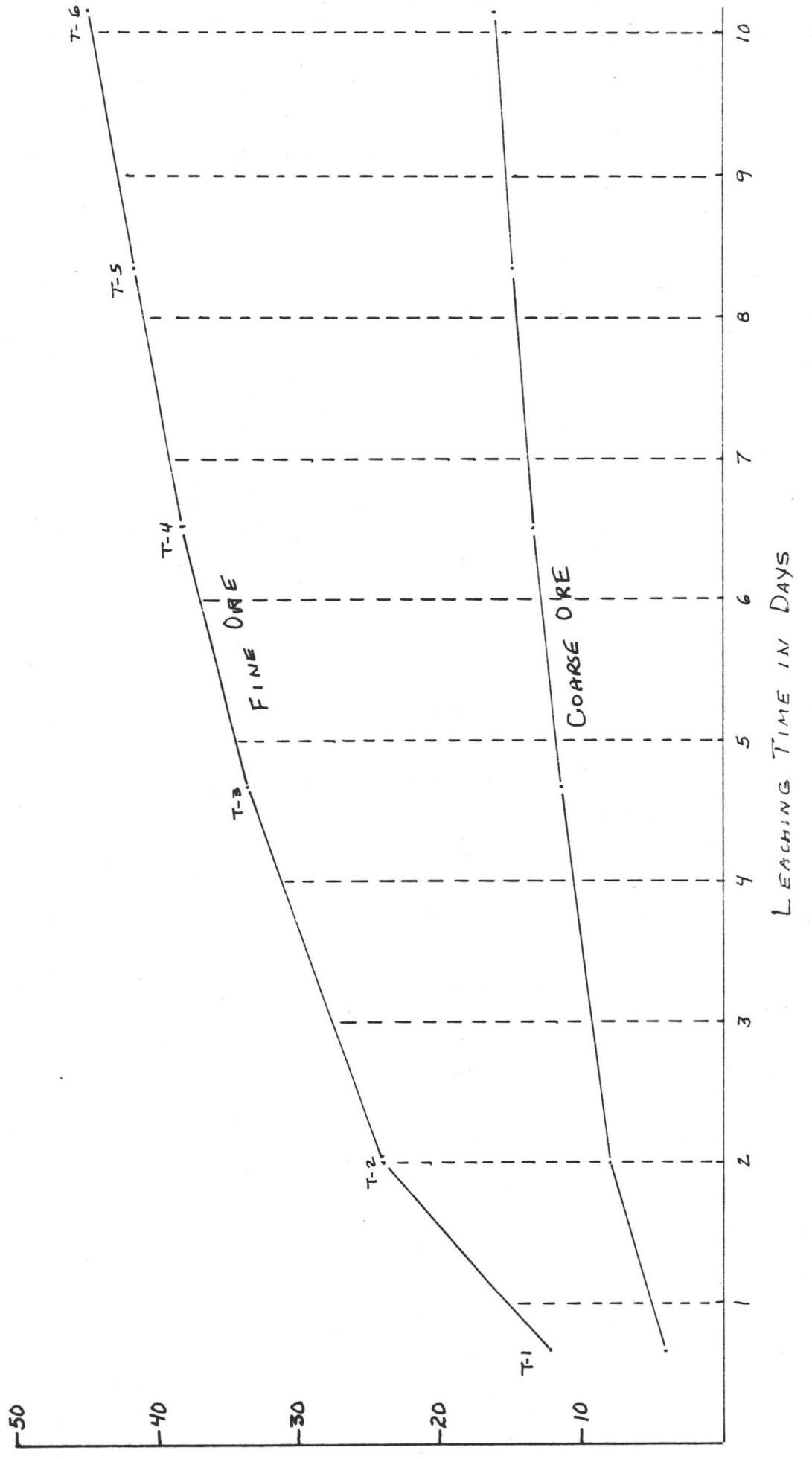
<u>Samples Marked</u>	<u>troy oz/ton of solution</u>	
	<u>Gold</u>	<u>Silver</u>
Cox Lot 1:		
17-F	0.072	
17-C	0.030	
18-F	0.079	0.20
18-C	0.040	0.095

-----

Respectfully submitted,

ARIZONA TESTING LABORATORIES

  
Claude E. McLean, Jr.





GEOCHEMICAL  
EXHALATION  
SURVEYS  
602-994-9964

JOHN E. CHALLINOR  
SOIL GAS TECHNOLOGY  
6360 E. ROSE CIRCLE DR.  
SCOTTSDALE, ARIZONA 85251

URANIUM  
OIL & GAS  
GEOTHERMAL  
& METALS

CYANIDE LEACH EVALUATION  
GOLD ORE SAMPLE LOT No 1

After 122 cycles of leaching, covering a span of approximately ten days, 45 percent of the gold in the fine portion of the sample was recovered as compared to 16 percent for the coarse portion of the sample. Projecting the lines on the recovery graph for another ten days, it is possible the fine ore recovery may reach 60 percent, while the coarse will only reach about 20 percent.

Except for the limiting factors that size of the ore particles have in relation to total recovery, the rest of the leaching parameters are excellent.

Reagent consumption:

The ore is only mildly acid, requiring 3-4 lbs of lime per ton of ore, therefore the use of lime should pose no problem to percolation and is very inexpensive. Cyanide consumption was 0.9 lbs per ton of ore for the 10 day leach period, which is reasonable.

Porosity and percolation:

Water, equal to 20% of the weight of the sample was applied. After two hours, 13% was entrained within the sample and 7% free liquid was recovered. No clay or slimes were apparent in the sample and the water applied to the sample, flushed thru with no detectable restriction. The leach cycle used in the testing was equal to  $2\frac{1}{2}$  gallons of leach solution per square foot, per hour, or 200 gallons per day per ton of ore.

Recommendation

Considering the fact that the percent of recovery seems to be related to particle size, the finer the crushing, the higher the recovery, it is important to know how fine the rock can be economically crushed prior to leaching, and what the increase in recovery would be. However, if crushing to much finer than  $-3/8$  inch is feasible, then a form of agglomeration will probably be required to give the leach pile the rigidity to stand and not slump when wetted. A form of gunniting the sloping surfaces before wetting would accomplish the same purpose.

John E. Challinor  
October 1, 1981.

817 West Madison • Phoenix, Arizona 85007 • Telephone 254-6181

Date September 23, 1981

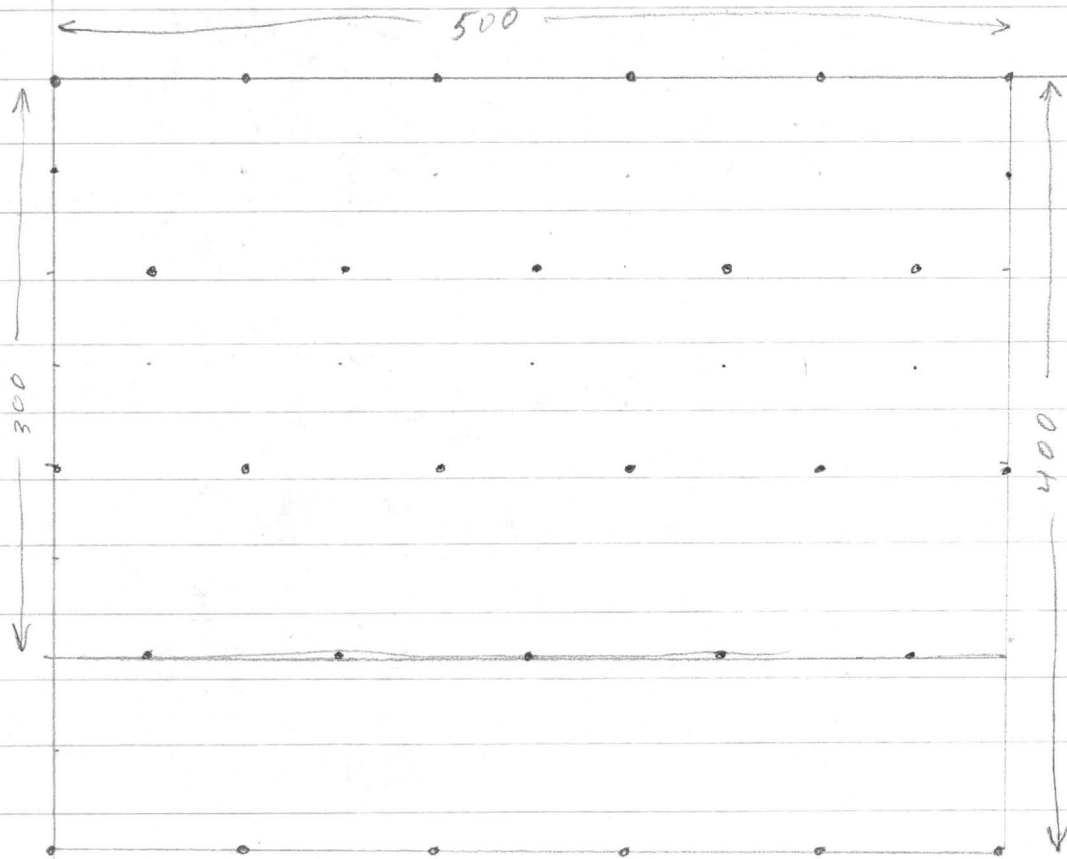
LAB NO.	IDENTIFICATION	OZ. PER TON		PERCENTAGES			
		GOLD	SILVER	COPPER	Iron	Manganese	
3371	Lee Cox Coarse Ore	0.28	0.50	0.008	3.6	0.11	
	Lee Cox Fine Ore	0.20	0.40	0.009	3.5	0.12	

ARIZONA TESTING LABORATORY

Claude E. McLean, Jr.



Lambert



$$28 \text{ holes @ } 100' = 2800' = \$28,000 + \text{moving day}$$

$$500 \times 400 \times 100 = 20,000,000^{\text{cu ft}} = 1,428.571 \text{ Tons} \quad (14 \text{ cu ft} = 1 \text{ Ton})$$

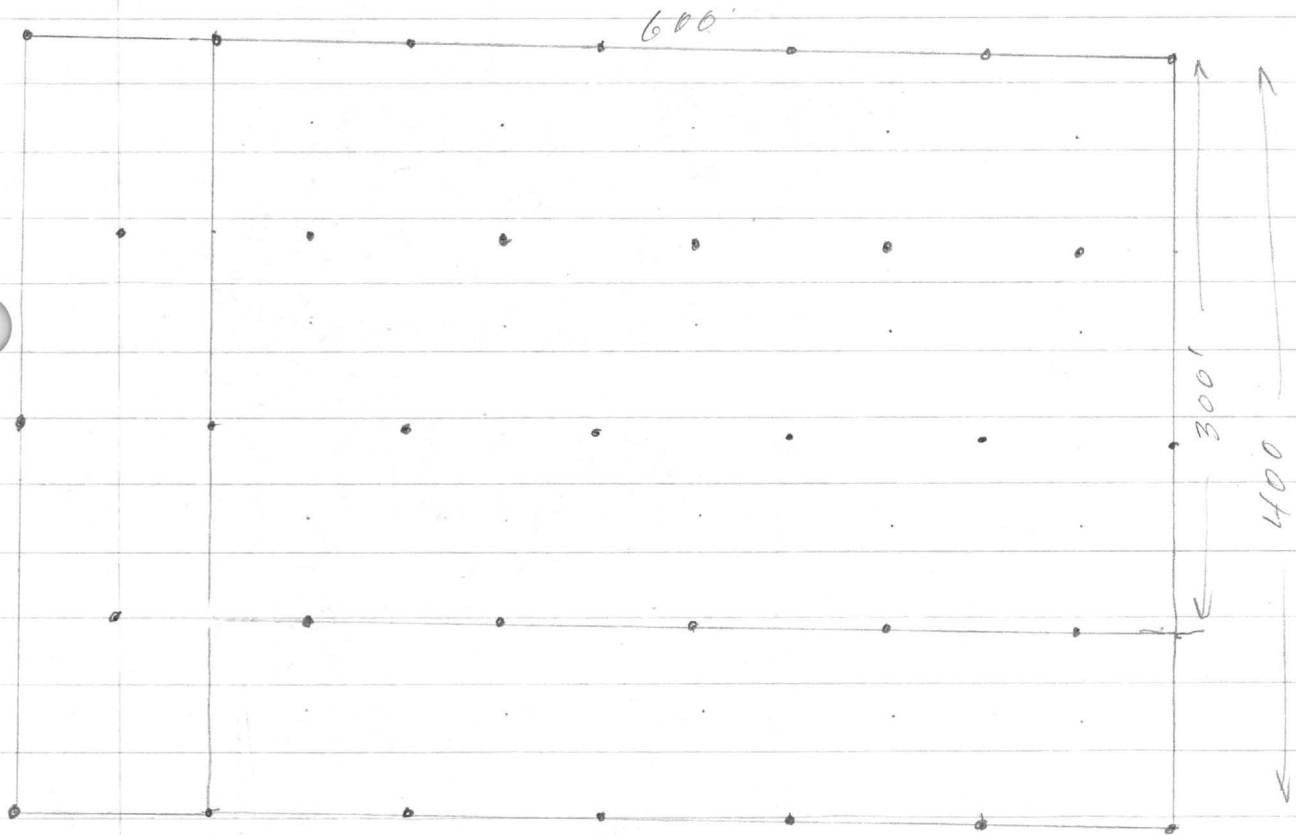
Milk Creek Plover

600 x

$$550' \times 600' \times 15' = 4,950,000 \text{ cu ft} \\ \frac{4,950,000}{27} = 183,333 \text{ cu yds}$$

$$\frac{916.6}{200/183,333} @ 200 \text{ yds/d} = 916 \text{ days supply gravel.}$$

Lambert -



20 holes x 100' = 2000'

$$600' \times 300' \times 100' = 18,000,000 \text{ cu ft} = 1,285,714 \text{ Tons} \quad 26 \text{ holes} = 2600'$$

$$600' \times 400' \times 100' = 24,000,000 \text{ cu ft} = 1,714,286 \text{ Tons}$$

$$33 \text{ holes} = 3300' \neq 33000$$



11:30 AM  
4-26-82

Doug:

Dick Lambert - Phoned from Detroit

313-644-8973

Claims are located in Sections 2, 3, 10 & 11, T4S, R5W

92 Claims

Length 13,570' Width 5960' - Goes over mountain in N.Y.S.

of mine

Did not know location of mine. We can probably get it off the  
Topo Sheet. Need Citrus Valley East (7 1/2 min)

R5W

6	5	4	3	2	1	T
7	8	9	10	11	12	4
						S

Lambert

1800' — 7-8 days of drilling — 1 day move in & 1 day out = 8-9 days  
Geol/Eng — 5-6 day + exp. in Field 18000  
± 2 days office — Report + Recommendations 2800  
7-8 day @ 350 = \$2450 - 2800 640  
50/dy Substantance = 560 - 640 200  
21,640  
Mileage = 900 mi @ .40 = 360 Moving Rig 500  
22,140  
Contingency 15% 3321  
\$25,461

Eng - { Report - 2 day @ 350 700  
Split Samples - 1 1/2 day - 525  
Deliver } \$4025 ±  
- Geol. { 7-8 day @ 350 = \$2450 - 2800 }  
Assays - 100 @ = 750 - 1000  
Mileage - 900 @ .40 = 360  
2000' drilling @ 10.00 = 20,000 50 to 200' holes  
Moving Rig 200 mi @ 2.75 = 550

Sections, 2, 3 <sup>10</sup> 10 & 11

Lambert - Detroit

11:30

4-26-82

Length of shaft 5960'  
13,570 qz clastic.

313-644-8973

Did not know location of mine

R-5-W.

6	5	4	3	2	1	T
7	8	9	10	11	17	4
						5

$$\begin{array}{r} 25 \\ 40 \\ \hline 65 \end{array}$$

$$\begin{array}{r} 12.75 \\ \times 200 \\ \hline 35000 \end{array}$$

$\begin{array}{r} 18 \\ 17 \overline{) 306} \\ \underline{306} \\ 0 \end{array}$

$$\begin{array}{r} 2 \\ 350 \\ \hline 1400 \\ 350 \\ \hline 1750 \\ 900 \\ \hline 4 \\ \hline 3600 \end{array}$$

$$\begin{array}{r} 700 \\ 525 \\ \hline 2450 \\ 2800 \\ \hline 5250 \\ 3675 \end{array}$$

$$\begin{array}{r}
 55 \\
 19 \\
 20 \\
 \hline
 94
 \end{array}$$

2 RT - 400 miles

50 miles day G.B. - loc

400

$$\begin{array}{r}
 6 \\
 400
 \end{array}$$



26 April 1982

Geological Program Proposal

for

Gold Bug Mining claims

Sec 2T4 S045W, Maricopa County, Arizona

Professional Services:

Geological & Engineering

7-8 days Field time @ \$350/day

2450 - 2800

4-5 days Office - data reports, maps

Sample prep & delivery

1400 - 1750

Expenses

7-8 days @ \$65/day

455 - 520

850-900 miles @ .40/mi

340 - 360

100± cement

750 - 1000

Sub totals

5395 6430

Subcontract Drilling

1900 to 2000 feet - 50 to 200' deep @ \$10/ft 19000 - 20,000

Mobilization

750 - 800

25145 27230

Contingency 15%

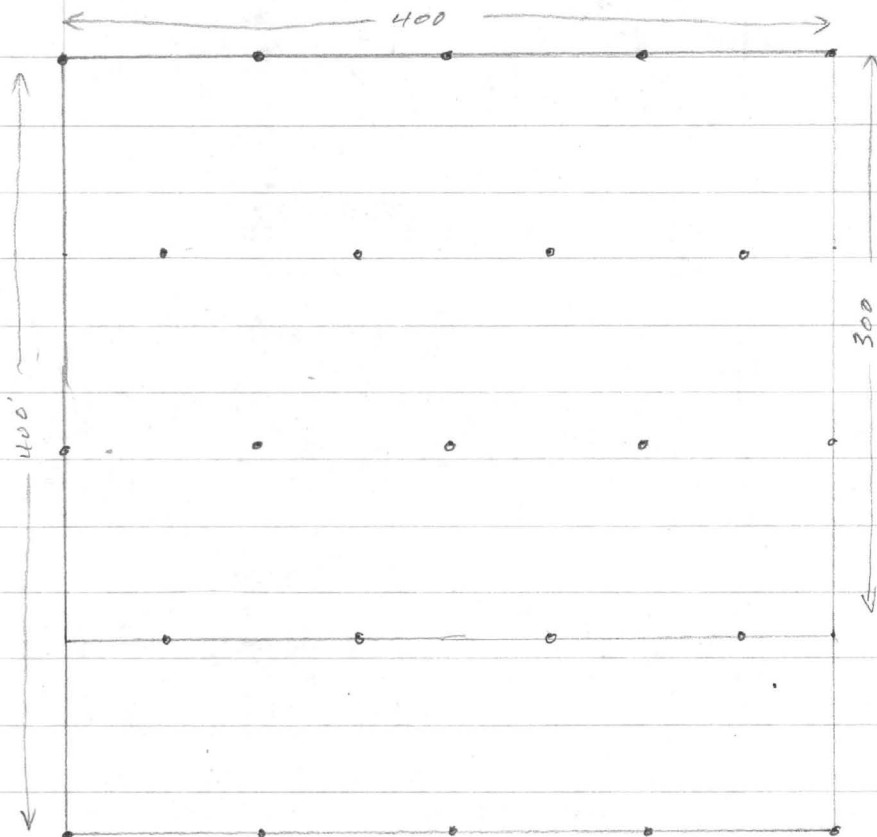
3871 4084

28916 29953

31314.

Lumbert

Basic Plan - Spacing & number of holes subject to change  
Holes 50 to 200'



Depth & Spacing may change based on Results while drilling

$$1, \quad 400 \times 300 \times 100 = 12,000,000 \stackrel{\div 14}{=} 857,143 \text{ Tons}$$

$$\frac{15 \text{ holes} = 2000' = 20,000 + \text{moving chg. Note}}{(No \text{ Grad/Eng services or expenses added})} \left( \frac{2 \text{ holes} + 200' \text{ deep}}{2000' = 20,000} \right)$$

$$2, \quad 400 \times 400 \times 100 = 16,000,000 = 1,142,857 \text{ Tons}$$

$$\underline{23 \text{ holes} = 2300' = 23,000 + \text{moving chg.}}$$

1000 claims  
Hunt's geologist

Thursday  
8th



DAVID ROSE 313-332-3131

Sell all or part

2 veins  $1\frac{1}{2}$  oz - .75 oz

water well 500'

1st 300' Material - 350'

from Main Vein - OXIDE

955-4972

Richard Lambert

1648 Rockridge ✓

Bloomfield all 48013

Plx Lambert Ag Stb

5215 W 24<sup>th</sup> St #204

85016

Elbene

**SANITATION  
DIVISION  
CITY OF  
PHOENIX, AZ.**



131-53D  
NEW 1-78

3/29/82

DATE

TIME

DEAR RESIDENT:

SORRY I MISSED YOU. I WAS HERE IN  
REFERENCE TO:

Need 16 1/2' clearance  
in Alley Trim back  
to property line  
"7 days"  
Thank you

PLEASE CALL FOR FURTHER INFORMATION.

Yolanda Acosta  
INSPECTOR

2626282

PHONE #

ADDITIONAL INFORMATION ON REVERSE ☐