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Richard Mieritz Mining Collection

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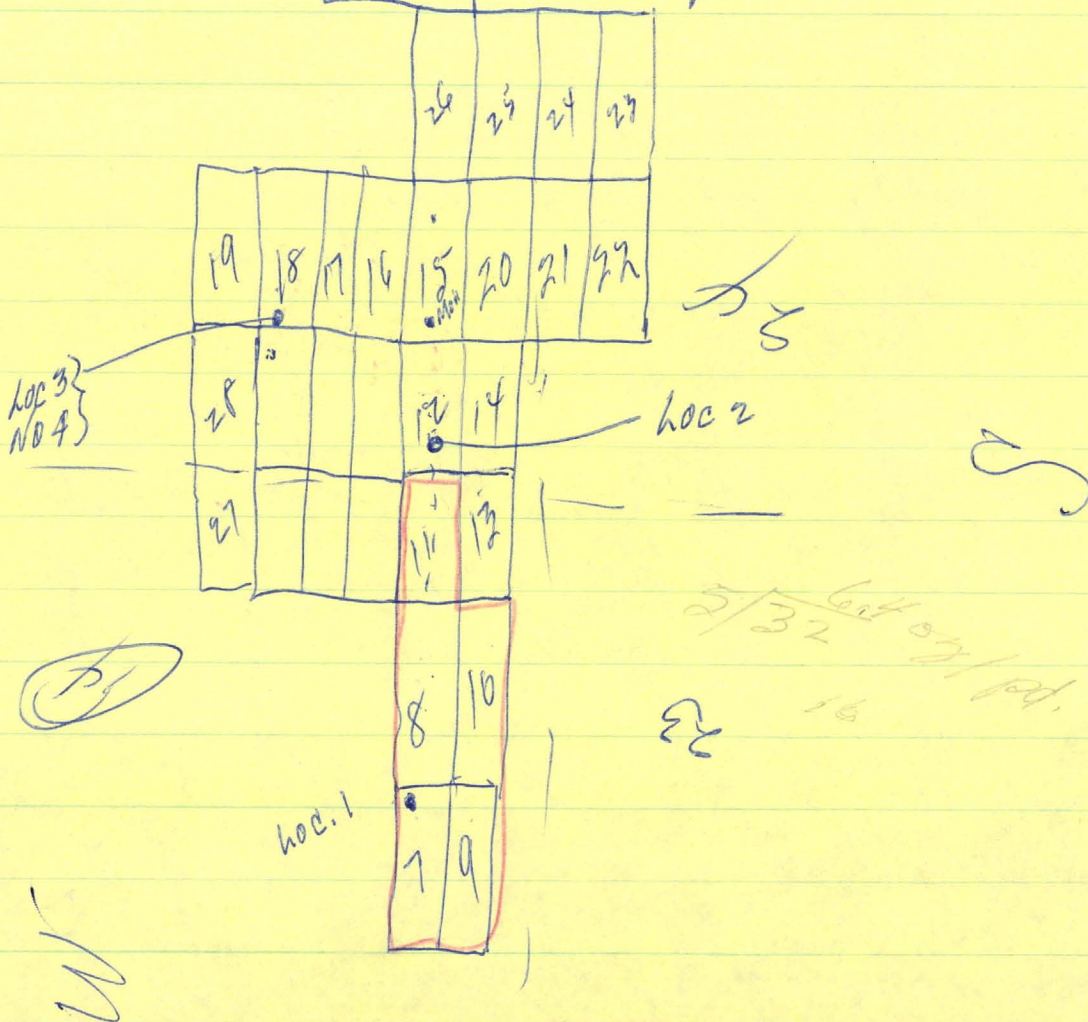
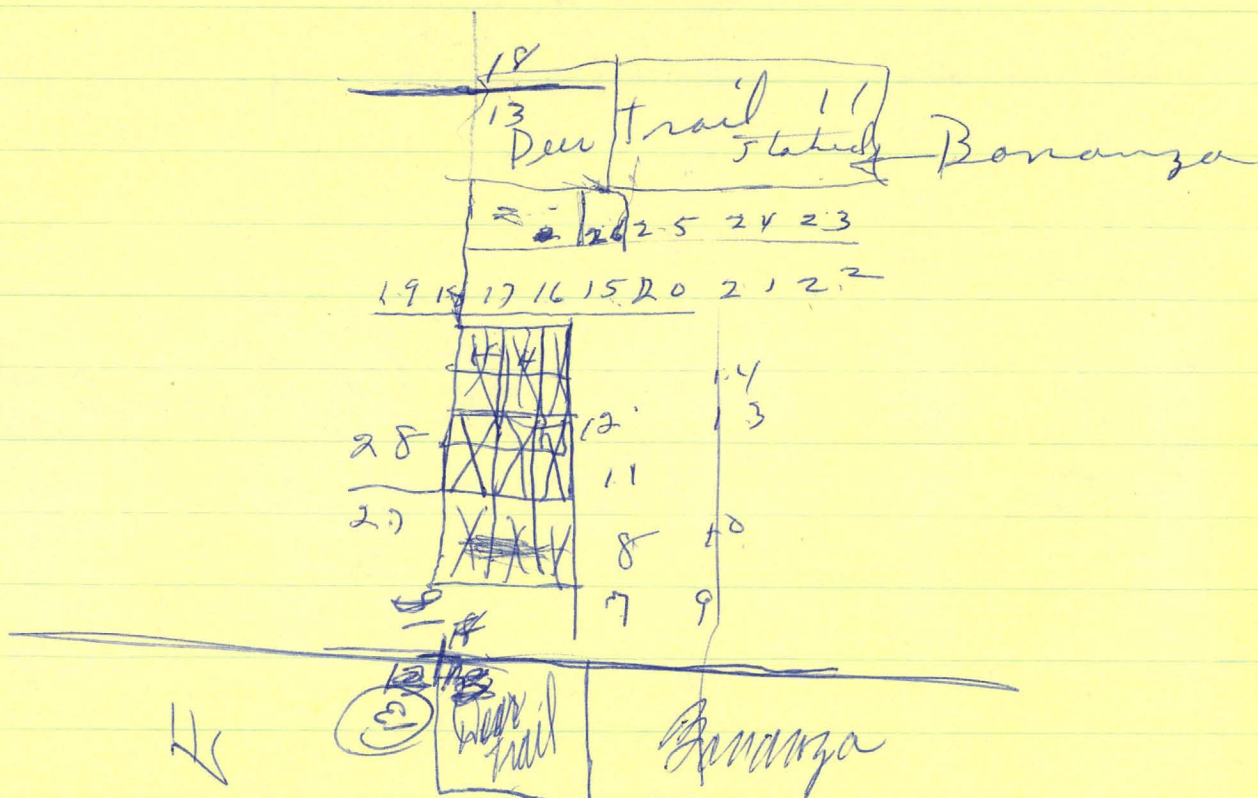
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No 18 claim

112

No 4 x 10  
also hoc 3  
Flagged.

No 5

Flagged

Flagged

hoc 2

on #12 claim

No 12 rise

walrus

cut

cut

No 3

No 2

No 1

N

S

Hungry Hill c/aims (6)

Sec 14, T 11 N R. 14 W.

Massive flat lying Spic. Num. zone  $\pm 50'$  thick with  
Calx and gunstone on top of intrusive - has caps core.  
Base of arc zone on top of intrusive ( ) -  
Andesite dikes in area.

Deer Trail c/aims - (11)

Sec 12, 18 T. 11 N R 13 W.

Spic Num zones 30-40' thick strike N-S and dip 30°  
-40° E. A series of these - all with Calx. - gunstone  
same gneiss in area, also andesite dikes - narrow

$\frac{12}{25} \times 4 \times 15'$  roots

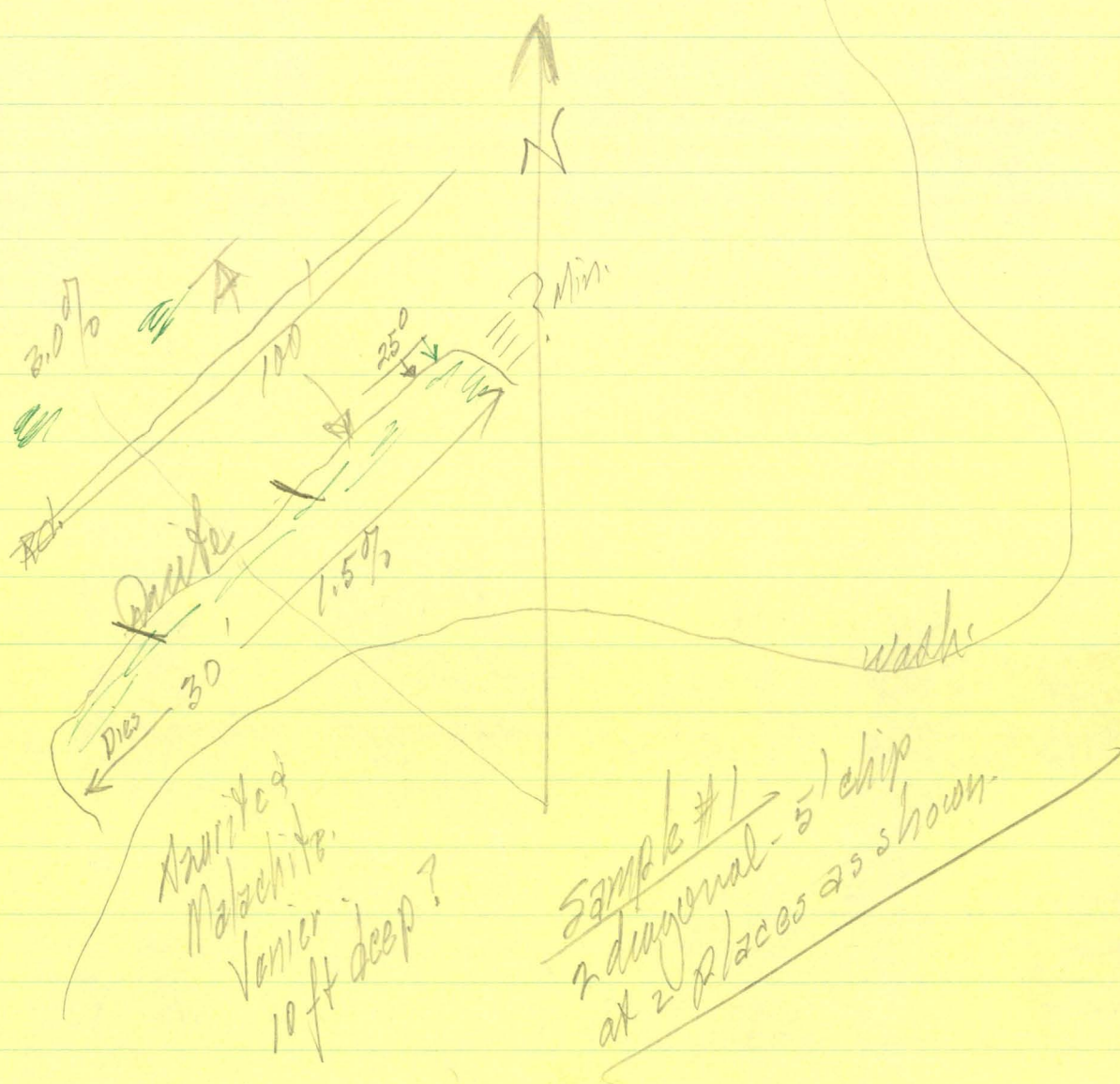
$$\frac{18 \times 20 \times 10'}{12} \quad 200 \text{ tons}$$

500 tons

Black Byrto Claims  
11/2/68

# Black Pyrite Mine

## Chain #2



$$20' \times 20' \times 10' = 1,000 \text{ Tons}$$

$$\frac{13,000}{12}$$



# ARC LABORATORIES

Division of Arizona Research Consultants, Inc.

9236 NORTH 10TH AVE.

PHOENIX, ARIZONA 85021

943-3573

FOR: Sherwood Owens  
Box 769  
Tucson, Arizona

DATE 10/20/69

LAB No. 10687

cc: G. Freeman  
R. Mieritz

---

## RESULTS

Sample #	Total Cu	Oxide Cu	% leached	Acid/Cu
1-surface scrapings	0.35 %	0.27 %	77.1	17.0
2-specular hematite zone	1.36	1.18	86.7	8.8
3-Limestone above ore	nil	868 lbs $H_2SO_4$ to neutralize 1 ton		
4-Property #2, 11 claims	1.95	1.34	68.7	4.5

Oxide Cu was determined by leaching - 100 mesh ore at room temperature for 1 hour with 50 g/l acid

Respectfully submitted,  
ARC LABORATORIES

John T. Long, Jr.

L.R. DRAKE  
3934 N. FONTANA  
TUCSON, ARIZONA 85705

The following is an excerpt from a report written by the Japanese geologist for the Japanese company that drilled the Parker-Alamo Dam area ( operating under the name of Canyon State Land Company, C. P. Delaney, manager).

Claims: There are three claim areas. One consists of 7 claims ( Area A)\*; the second consists of 10 claims ( Area B)\* and the third consists of 71 claims ( Area C)\* All claims are located within a rectangle approximately one mile wide by two miles long, in an area 30 miles north of Wenden, Ariz.

Ore: The ore deposit visable on the 7 claims located in Area A is estimated to be 8 million tons. Mining effort will initially be concentrated within this area. The remaining areas have yet to be qualified as to tennage, but it is noted that the same geological structure is present in both Area B and C as exists in Area A.

note: \* Area A is the 7 Hungary Hill claims

\* Area B is the Fagan property

\* Area C is the ground due north of Hungary Hill and is open for locatian.

I could not get a copy of the full report as it is confidential and dealt with other areas.

4902 North Plain Avenue  
Tucson, Arizona 85705  
29 January 1969.

To: L.R. Drake  
3934 N. Fontana  
Tucson, Ariz. 85705

From: W. C. Andress

Re: LEACHING TESTS ON SAMPLES CP-1 and RH-1.

HEADS ASSAYS

Sample No.	% Cu
CP-1	3.15
RH-1	1.92

100 grams of CP-1 was pulverized to minus 65 mesh, was leached for 3 hours in a rolling bottle in 3.69% sulfuric acid at 20% solids at room temperature. The results as follows:

pH at end of leach	1.80
Total cu in leach tails, assay	0.1%
% cu recovered	95.23
Lbs. acid consumed per lb. of cu leached	3.15

100 grams of RH-1 was pulverized to minus 65 mesh, was leached for 3 hours in a rolling bottle in 2.85% sulfuric acid at 20% solids at room temperature. The results as follows:

pH at end of leach	2.40 <sup>6</sup>
Total cu in leach tails, assay	0.25%
% cu recovered	86.97
Lbs. acid consumed per lb. of cu leached	2.98

\* note the pH was too high, not enough acid was used resulting in a poorer recovery.

Conclusion:

It is apparent that the above samples constitutes an ideal ore for economical acid leaching.

Respectfully,

W.C. Andress

# SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

## REGISTERED ASSAYERS

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

P.O. BOX 7517  
TUCSON, ARIZONA 85713

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

Mr. Larry Drake  
3934 North Fontana  
Tucson, Arizona.

JOB # 003884  
RECEIVED Feb. 20. 1969  
REPORTED Feb. 24. 1969

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %	MOLYBDENUM %
1801	Trace	.08		1.98.		
1802	Trace	.16		1.85		
1803	Nil	Trace		2.25		
1804	Nil	Trace		2.99		
1805	.003	.06		1.65		
1806	Nil	Trace		3.40		
1807	.003	1.16		(5.30)		
1808	.004	.28		7.20-		
1809	.003	1.36		5.90		
1810	.005	1.42		5.05		
1811	.003	.86		2.35		
1812	Trace	.08		1.25		
1813	Trace	Trace		2.50		

15  
 cup + rail  
 6' inter  
 shift  
 incline  
 Bay stuff  
 x road cut  
 on road

CHARGE \$ 78.00

\* Gold and Silver reported in troy oz. per 2,000 lb. ton.

# INVOICE

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FELIX K. DURAZO  
WIL WRIGHT  
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Mr. Larry Drake  
3934 North Pontana  
Tucson, Arizona 85705

JOB # 003502  
RECEIVED 11-27-68  
REPORTED 11-29-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %	MOLYBDENUM %
Cactus Queen:						
1	Trace	1.48		3.44		
2	Nil	Trace		1.12		
3	Nil	.04		2.48		
4	Nil	Trace		1.44		
5	.006	2.46		3.60		
6	.003	1.62		2.16		
7	Nil	Trace		1.60		
8	Nil	.04		1.92		
9	Nil	.06		1.36		
10	Trace	2.48		.81		
11	.003	2.36		1.44		
12	.003	2.16		2.00		
13	Nil	.08		2.08		
14	Nil	Trace		4.08		
#2 West						
200	.004	2.14		1.28		
#1 East						
200	.004	1.16		1.60		
River Hawk:						
1				7.04		
2				3.28		
3				1.20		
4				3.68		
5				5.84		

CHARGE \$111.00

\* Gold and Silver reported in troy oz. per 2,000 lb. ton.

INVOICE