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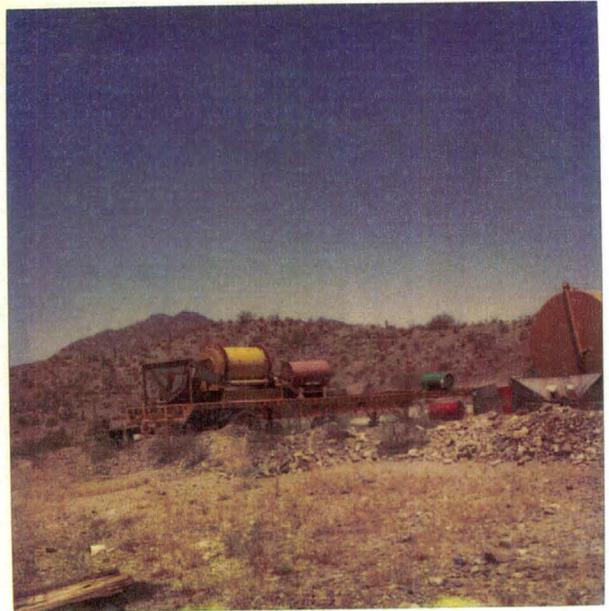
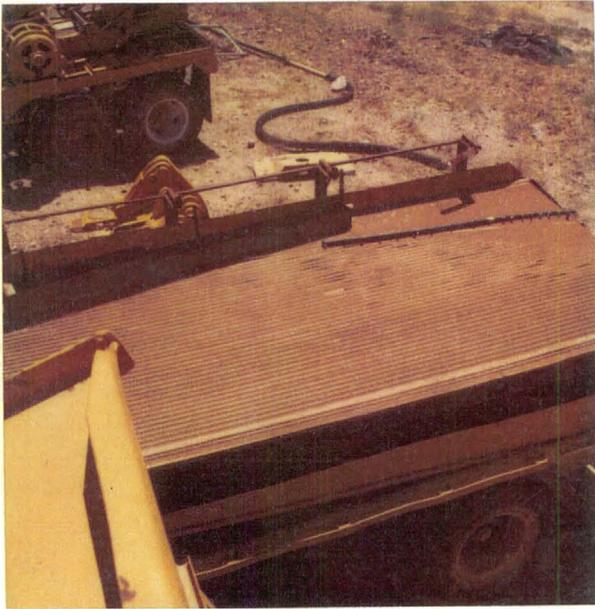
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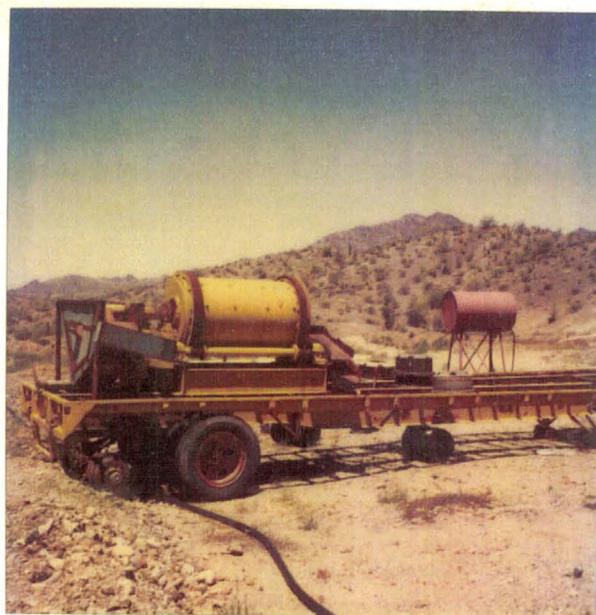
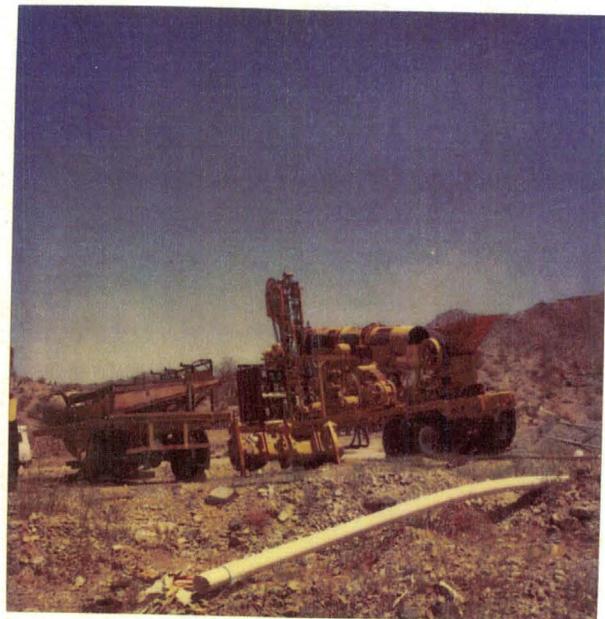
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Summary Report  
on the  
Van Deeman Mine Project  
Weaver Mining District  
Mohave County, Arizona

for  
Pacific Cypress Minerals Ltd.

by  
John R. Poloni, B.Sc., P. Eng.

April 13, 1981

John R. Poloni & Associates Ltd.  
1512B - 56th Street  
Delta, B.C.  
V4L 2A8

---

JOHN R. POLONI P. Eng.  
Consulting Geologist

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1.0 Summary and Conclusions

The Van Deeman Mine property was examined during the period of November 1980 - January 1981 by a field crew under the direction of Douglas J. Brownlee for Pacific Cypress Minerals Ltd.

This program consisted of surveying, surface and underground sampling, and geological mapping.

Gold mineralization was found to be confined to faults, shear zones and quartz veins cutting altered rhyolite. The tenor of the mineralization is generally low and the extent limited.

While three reverse circulation holes are recommended by Brownlee, D.J. to test these zones, it is believed the potential for realizing reasonable volumes of ore grade materials is small.

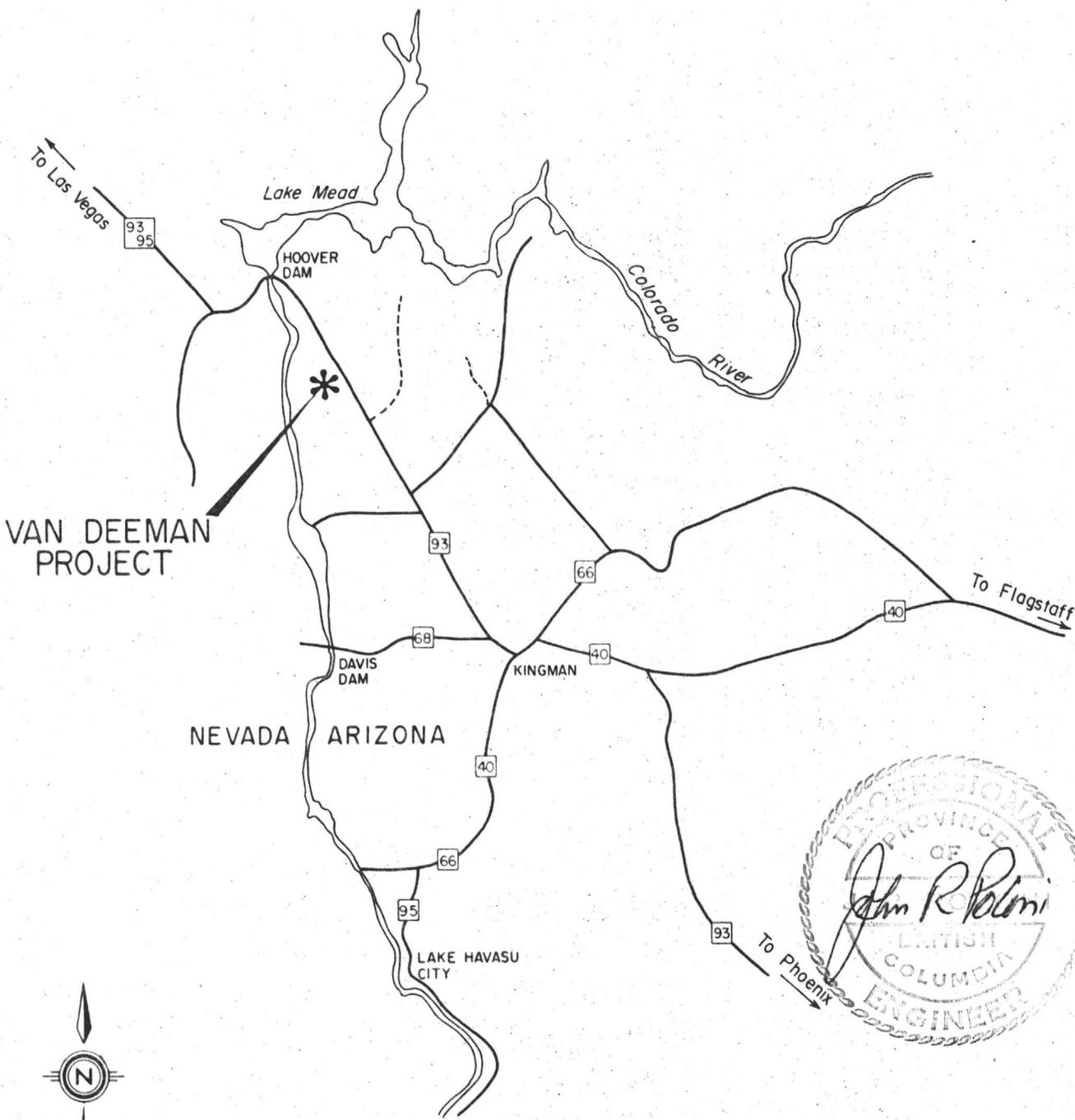
## 2.0 Introduction

The Van Deeman Mine, consisting of 53 mineral claims and fractions located by Mr. Charles Kunkes of Kingman, Arizona, was explored by a field crew of Pacific Cypress Minerals Ltd. during the period November 1980 to January 1981.

This work was recommended by the author in a report on the property dated January 10, 1981. Geological mapping, surveying and sampling was completed by the D.J. Brownlee geologist and a two man field crew. Mr. Brownlee presented a Progress Report including assay data and eleven maps as a summary of the work undertaken and results obtained.

Location Map

Plan No. 1



VAN DEEMAN PROJECT

NEVADA ARIZONA



PACIFIC CYPRESS MINERALS LTD.		
VAN DEEMAN PROJECT PROPERTY LOCATION WEAVER MINING DISTRICT MOHAVE COUNTY, ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN : J.R.P.	CHECKED : J.R.P.	PLAN No.
SCALE : 1" ≈ 23.4 miles	DATE : JAN. 10, 1981	1

3.0 Location and Accessibility

The property is located approximately 50 miles north west of Kingman, Arizona, and 4 miles west of Highway 93 in Twp 27N, R21W, sections 21, 28, 29, 30, 32 and 33.

Access is westward via secondary roads requiring only two wheel drive vehicles, leaving Highway 93 at Boulder Inn. Most of the claims are easily accessible on foot.

4.0 Claim Information

Consisting of 53 claims the property is described by Brownlee,  
D.J. as follows:

<u>Claim Name</u>	<u>Identification #</u>	<u>A.M.C. #</u>	<u>County Recorder # Book and Page</u>	<u>Section #</u>
Lost Lobo L.L.	3,5,7,9,11,13, 15,16	89783 thru 89798	6U/207-247	29 & 30
Johny Ray J.R.	J.R., 1,2	89809 thru 89817	52/338-346	21
Johny Ray Ext. J.R. Ext.	5,6,7,8,9,10	89627 thru 89636	204/ 68-78	28 & 29
Gwen G.	2,6,7,8,9,10	89637 thru 89646	120/406-415	21 & 29
Queen Q.	1,2,10	89611 thru 89613	6W/145-150	29
A's	1 thru 10	89677 thru 89686	52/347-356	28,19,30
B's	1,8,9	89687 thru 89696	52/381-390	29 & 32
C's	6,7	89697 thru 89706	52/371-180	28,29,32,33
D	6	89713	52/361-370	29 & 32
Boulder Inn B.I.	10	89626	122/509-528	28
Box Canyon B.C.	1 thru 8	89477 thru 89485	229/179-202	28 & 29
Lost Lobo Ext. L.L. Ext.	1,2	89799 thru 89800	204/79-80	29 & 30

## 5.0 Physical Features

Elevations on the property reach a maximum of 3,542 feet above sea level immediately south of the Van Deeman shaft. The claims are located in the Black Mountains of Mohave County north of Mount Perkins.

Vegetation is typical of that found in the south west desert terrain, consisting of scrub brush, cactus, and infrequent grass.

Precipitation annually is about 10 to 15 inches occurring mainly as rain. Only infrequent snowfalls occur.

Little sub surface water is available and any springs are seasonal.

No buildings are known to exist on the claims.

For exploration purposes a three bedroom trailer has been set up at Boulder Inn near Highway 93, to accommodate a geologist and two survey-sampler assistants.

## 6.0 History

The area has a long exploration and development history probably dating back to the turn of the century when Oatman, Chloride and the Golden Door camps were active.

Numerous old mines and prospects are known in the area, such as, the Liberty, Potter, Mohave, Gold Bug, Golden Door, Klondike, Jim and Jerry and Scout, all in the Black Mountains, Other mines such as the Bonanza, Grand Army of Republic, Shaefers Treasure, Prince Albert, and Blind Goodness are located in the White Hills about 9 miles east.

6.0 Actual factual data pertaining to the production history is very limited, but most of the producers were small operators who selectively mined the higher grade portions of the mineralized zones. Ore was trucked to custom mills at Mineral Park and Bullhead City, 45 and 30 miles south respectively.

The property has been examined by Utah International Inc., in 1974 who explored the north east section of the claims in search of copper - molybdenum mineralization. A small amount of rotary drilling ( 2 holes ) was completed and the area sampled and mapped.

Mr. C. Kunkes completed 100 short air track holes near the Van Deeman shaft in 1979. These are reported to have been about 25 feet deep. Certain of these holes have been sent for assay to Vancouver.

Freeport Exploration undertook a limited sampling program in 1980 covering sections of the western and northwestern parts of the property. Seventy-three rock samples were cut in this work with an average grade of 0.8 ppm Au being reported.

## 7.0 Geology

Cretaceous and Tertiary volcanic rocks are mapped in the northern portion of the Black Mountains in contact with dykes, sills, and stocks of late Cretaceous and early Tertiary intrusives. The intrusive events were accompanied by the deposition of most of the precious and base metals in the region.

7.0 The Van Deeman property is underlain by Cretaceous rhyolite and andesite contacting gneissic intrusives capped locally with a thin veneer of younger olivine basalts.

The adits, pits, and shafts on the claims generally appear to explore altered zones in the rhyolites or contact areas associated with the volcanics and intrusives.

Brownlee D.J. Feb. 18, 1981, describes argillites, rhyolites and andesites overlaying a Pre-cambrian basement complex of gneiss.

Pegmatite dikes are mapped in the southeast corner of the property.

The andesitic unit is dark green in colour, generally massive, and porphyritic in texture. A highly fractured altered rhyolite is seen to have heavy hematite staining along fracture planes.

All units especially in the western parts of the property have been cut by intersecting north-south and east-west faulting. Quartz veining is predominant along fault and fracture planes and also along the basement contact rhyolite-gneiss. Calcite veining has also intruded fault and fracture zones, at times forming breccias.

Brownlee D.J. has mapped a small quartz diorite plug in the east central portion of the property. This intrusive is medium grained and extensively fractured with most fracture surfaces being heavily hematite stained.

Overlying the whole assemblage are Quaternary olivine basalt flows. Along the contact with the altered rhyolite the basalt is frequently intruded along fracture planes by thin calcite stringers.

## 8.0 Exploration Programs

As reported by Brownlee D.J., a total of 427 rock samples were cut across quartz, and calcite veins and breccia zones, over the property. It is reported that of the total samples, 82 ran better than 0.02 Au oz/T with 23 of these having been obtained from the Van Deeman mine area. Gold values are found along faults and shear zones in the rhyolite with vein or structural width being less than three feet. At times, an alteration zone of silicification occurs in association with the mineralized areas.

In the Lost Lobo section of the property results similar to the Van Deeman area were obtained. Values to a high of 0.120 Au oz/Ton are reported from the Lost Lobo adit.

The author reviewed all data with Mr. Brownlee on March 25, 1981.

Mineralization consisting of hematite and manganese is found generally along fracture planes throughout the property. Copper carbonate staining infrequently is seen in the quartz veins and on some fracture surfaces.

As reported by Brownlee D.J., gold is generally limited to the hematite stained zones of faulting with the greatest concentrations occurring where the altered rhyolite is somewhat more silicified.

9.0 Recommendations

To completely evaluate the extent of the gold bearing zones as indicated from current surveys, a minimal program of drilling is recommended by Brownlee, D.J. These recommendations are to complete three reverse circulation rotary holes with two on the Lost Lobo and one in the altered rhyolite west of the Gold Cup.

In examining all assay and geological data, it appears that the potential for volumes of economic grades of gold bearing mineralization is relatively small. Therefore it would appear that further work on the project is not warranted. Thus no additional surveys are recommended for Pacific Cypress Minerals Ltd.

A circular stamp containing a handwritten signature in cursive that reads "John R. Poloni". The stamp is faint and partially obscured by the signature.

APPENDIX A

References

References

- 1.0 Ransome, F.L. 1923. U.S.G.S. Bulletin 743, Geology of the Oatman Gold District, Arizona.
- 2.0 Geologic Map of Mohave County, Arizona. U.S.G.S. Arizona Bureau of Mines, Tucson.
- 3.0 Poloni, J.R. Sept. 2, 1980. Report on the Gold Ram Property. Weaver Mining District, Mohave County, Arizona.
- 4.0 Poloni, J.R. December 1, 1980. Summary Report on the 1979-80 Exploration Program, Golden Door Project for Hesca Resource Corp.
- 5.0 Brownlee, Douglas J. February 18, 1981. Van Deeman Project, Progress Report November 1980 to January 1981.

APPENDIX B

Certificate

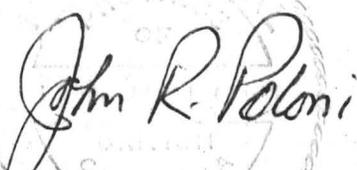
Certificate

I, John R. Poloni, of 5502 - 8B Avenue, in Delta, in the Province  
of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec,  
where I obtained a B.Sc. degree in Geology in 1964.
3. I am a registered Professional Engineer in the Geological  
Section of the Association of Professional Engineers of  
the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Fellow of the Geological Association of Canada and  
a member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the Van Deeman property on December  
1, 1980, and reviewed all data from recent exploration.
7. I have no interest in the properties or securities of Pacific  
Cypress Minerals Ltd., nor do I expect to receive or acquire  
any.

Dated this 13th day of April, 1981.

  
John R. Poloni, B. Sc., P. Eng.

APPENDIX C

Report by Brownlee, Douglas J.

---

JOHN R. POLONI P. Eng.  
Consulting Geologist

---

---

A.A.

DALE HART

R-1-R<sup>C</sup>14-

AO

112

R-2-R<sup>C</sup>13-

109

Cold

3

14.

De

ce

11 1.

430

70

4

600 -

20

# WHITE HILL FIRE

2-81 Thank You -

R1 - 046 Ag -

R2 = 042 Ag -  
By FIRE

AN RESULTS

SATURDAY

AZON SILTZ

By KEVEN

White Hill



Mr. C. Kunkes

Boulder Inn Cafe

Box 970

WV5 rt Kingman Arizona

86401

February 16<sup>th</sup>, 1981

Dear Chuck

Enclosed are the results that I promised you on the samples that I took on the Last Hope group. The ones that the fellows from Polar Springs have optioned from you. Sorry the results are so shitty but that is what they came out as, and I did sample the best looking rocks around.

Sincerely Yours

Douglas J. Brownlee

Douglas J. Brownlee  
Geologist.

P.S. I sampled were they had taken their samples DJB.

# Certificate of Analysis

TO Pacific Cypress Minerals Ltd.  
1020 - 800 West Pender Street  
Vancouver, B. C. V6C 2V6

A21 - 107

February 13, 1981

I hereby certify

MARKED
21726
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21744

PERCENT	PERCENT	N
oz/ton	oz/ton	
Au	Ag	

**FIRE**

*These are the results that I obtained explain away*

21976	0.003	0.14
21977	0.004	0.10
21978	0.002	0.03

**NOTE:**

Rejects retained two weeks  
 Pulps retained three months  
 unless otherwise arranged.

**BONDAR-CLEGG & COMPANY LTD.**  
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

*R. H. Rogers*

**LABORATORY REPORT**

# *Mariposa Spectrographic Laboratory*

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 3/4/81

CHARGES: \$15.00

LAB NO. 32620

SUBMITTED BY:

## **Qualitative Spectrographic Analysis**

Charles Kunkes  
L.V.S.R. Box 970  
Kingman, Arizona 86401

### ELEMENTS FOUND AND ESTIMATED PERCENTAGE RANGE OF CONCENTRATION

SAMPLE MARK

R-1

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum $Al_2O_3$	0.5	1.0	Lithium			Thallium		
Antimony			Magnesium $MgO$	0.05	0.15	Thorium		
Arsenic	.0008	.004	Manganese	.0008	.004	Tin		
Barium	.001	.006	Mercury			Titanium $TiO$	.006	0.02
Beryllium			Molybdenum	.001	.006	Tungsten		
Bismuth			Nickel	.0008	.004	Uranium		
Boron			Osmium			Vanadium	.0007	.003
Calcium $CaO$	0.20	0.40	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected		RARE EARTHS:		
Chromium	.007	0.03	Potassium			Cerium		
Cobalt			Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.05	0.15	Rubidium			Europium		
Gallium			Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected		Silicon (as $SiO_2$ )	80.0	90.0	Lanthanum		
Hafnium			Silver	.0006	.002	Neodymium		
Indium			Sodium	0.03	0.10	Praseodymium		
Iridium			Strontium			Samarium		
Iron $FeO/Fe_2O_3$	4.0	8.0	Tantalum			Ytterbium		
Lead	.005	0.01	Tellurium			Yttrium		

**Remarks:** This material was developed by warm circulatory waters, it is of supergene development, and put into it's present state with a severe dynamic event. Silver is present at about 0.60 ounce per ton. Gold was not detected down to 10 parts per million

Respectfully Submitted

*Joseph R. Kunkes* (Spectrographer)  
**MARIPOSA SPECTROGRAPHIC LABORATORY**

percent to ton (2,000 lbs.)

1.0% = 20.0 Lbs. AVOIR.

0.10% = 2.0 Lbs. AVOIR.

0.01% = 3.2 oz. AVOIR

0.001% = 0.32 oz. AVOIR.

0.0001% = 0.032 oz. AVOIR.

**LABORATORY REPORT**

# *Mariposa Spectrographic Laboratory*

CHARGES: \$15.00

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

LAB NO. 32621

Telephone (209) 966-2591

Date 3/4/81

SUBMITTED BY:

## **Qualitative Spectrographic Analysis**

C. R. Kunkes  
L.V.S.R. Box 970  
Kingman, Arizona 86401

### ELEMENTS FOUND AND ESTIMATED PERCENTAGE RANGE OF CONCENTRATION

SAMPLE MARK

R-2

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum $Al_2O_3$	1.0	3.0	Lithium			Thallium		
Antimony			Magnesium $MgO$	0.10	0.20	Thorium		
Arsenic	.0008	.004	Manganese	.0005	.001	Tin		
Barium	.006	0.02	Mercury			Titanium $TiO$	.006	0.02
Beryllium			Molybdenum			Tungsten		
Bismuth			Nickel	.0008	.004	Uranium		
Boron			Osmium			Vanadium	.0005	.001
Calcium $CaO$	0.05	0.15	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected		RARE EARTHS:		
Chromium	.0008	.004	Potassium			Cerium		
Cobalt			Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.05	0.15	Rubidium			Europium		
Gallium	.001	.006	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected		Silicon (as $SiO_2$ )	80.0	90.0	Lanthanum		
Hafnium			Silver	.0005	.001	Neodymium		
Indium			Sodium	.008	0.04	Praseodymium		
Iridium			Strontium			Samarium		
Iron $FeO/Fe_2O_3$	3.0	6.0	Tantalum			Ytterbium		
Lead	.005	0.01	Tellurium			Yttrium		

Remarks: This sample is similar to the sample marked R-1, but contains less Silver. Silver is present at not more than 0.30 ounce per ton. Gold was not detected down to 10 parts per million.

Respectfully Submitted

*George A. Jones*

(Spectrographer)

**MARIPOSA SPECTROGRAPHIC LABORATORY**

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR.  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

Report on the  
Van Deeman Mine  
Weaver Mining District  
Mohave County, Arizona

for

Pacific Cypress Minerals Ltd.

by

John R. Poloni, B.Sc., P. Eng.

January 10, 1981

John R. Poloni & Associates Ltd.,  
1512B - 56th Street,  
Delta, B. C.

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## 1.0 Summary and Conclusions

The Van Deeman mine is presently controlled by Pacific Cypress Minerals Ltd., under option agreement with Mr. C. Kunkes. A limited amount of exploration has been undertaken in recent years to further test the precious metal content of altered rhyolite zones examined in the 20's and 30's.

Intrusive-volcanic contact areas have been explored by two rotary holes to define copper - molybdenum - gold content.

Recent sampling by the author and D. J. Brownlee, company geologist, indicates the presence of very interesting gold - silver mineralization which requires further testing.

A program of geological mapping, sampling, rotary reverse circulation and diamond drilling is recommended estimated to cost \$122,500.00 in two phases.

## 2.0 Introduction

The Van Deeman Mine, consisting of 53 mineral claims and fractions was located by Mr. Charles Kunkes of Kingman, Arizona. Situated on the northerly slopes of the Black Mountains south of Hoover Dam, and 50 miles north of Kingman, the property is ideally located near highway 93.

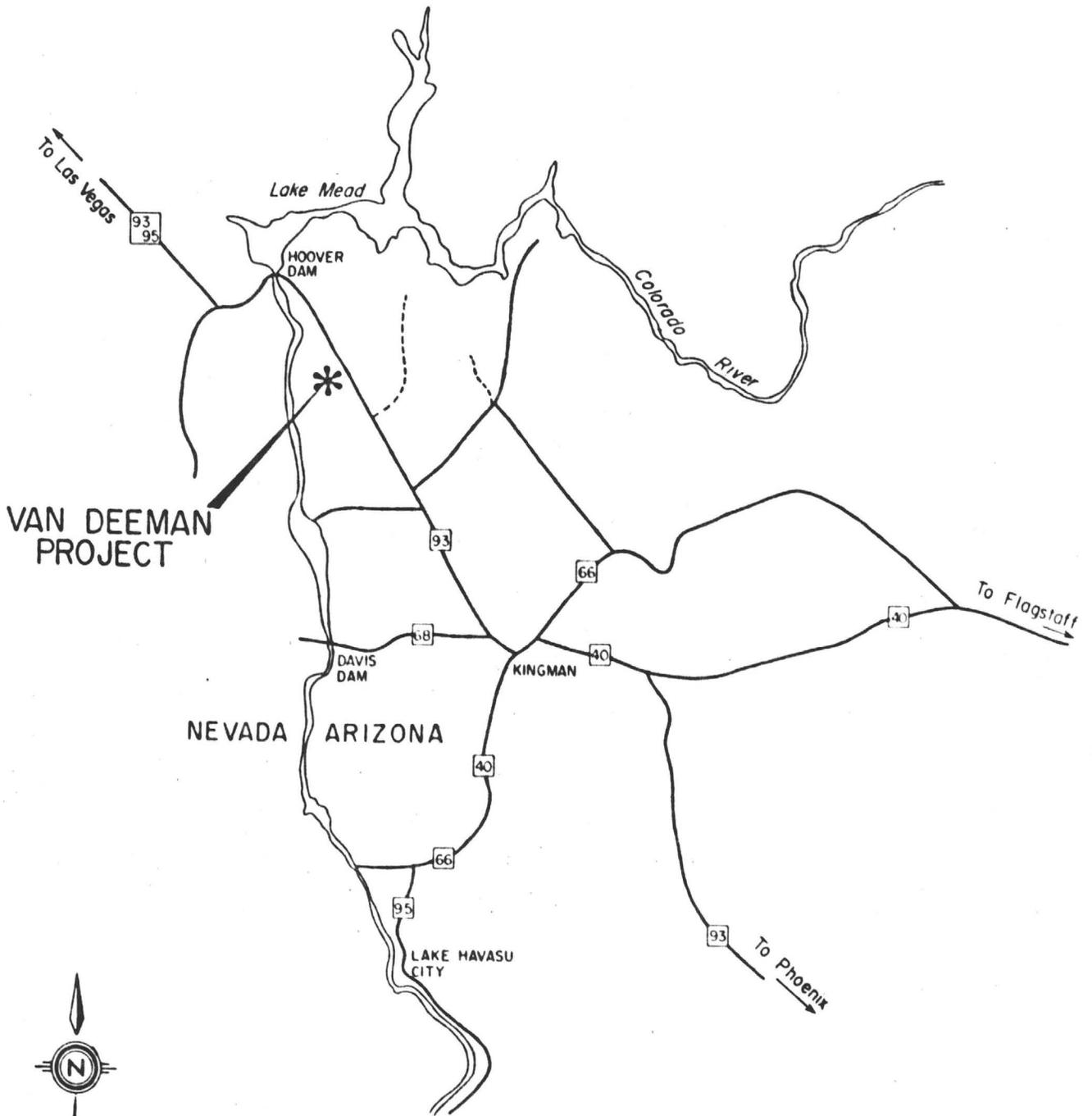
Interest in the area recently has been stimulated by exploration and development work being undertaken on mines and properties by T.R.V. Minerals Corporation, Arizona Silver and Pacific Cypress Minerals Ltd.

The claims are currently controlled by Pacific Minerals Ltd., for whom this report is written. The author has visited the property on December 1, 1980 accompanied by Mr. D. Brownlee, geologist.

A summary of exploration is presented and recommendations made for further work.

Location Map

Plan No. 1



NEVADA ARIZONA

*John Poloni*

PACIFIC CYPRESS MINERALS LTD.		
VAN DEEMAN PROJECT PROPERTY LOCATION WEAVER MINING DISTRICT MOHAVE COUNTY, ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN : J R P	CHECKED : J R P	PLAN No
SCALE : 1" ≈ 23.4 miles	DATE : JAN 10, 1981	1

### 3.0 Location and Accessibility

The property is located approximately 50 miles north west of Kingman, Arizona and 4 miles west of highway 93. Hoover Dam is 20 miles to the north.

Access is via secondary two wheel drive road from Boulder Inn towards the Colorado River. Most parts of the claims are easily accessible on foot.

### 4.0 Claim Information

The property consists of 53 mineral claims and fractions located by Mr. Charles Kunkes and currently controlled by Pacific Cypress Minerals Ltd., by option agreement. Claims data is as follows:

Name

Johny Ray (J.R.) 1,2

Johny Ray

Johny Ray Extension 5,6,7,8,9,10

Gwen (G) 2,6,7,8,9,10

Lost Lobo (L.L.) 1,2,3,5,7,9,11,13,15,16

Queen (Q) 1,2,10

A 1,2,3,4,5,6,7,8,9,10

B 1,8,9

C 6,7

D 16

B.C. 1,2,3,4,5,6,7,8

Claim 10

Claims are shown on reference map, plan 2 to be in TWP 27N, R 21W, sections 21,28,29,30,32 and 33.

#### 5.0 Physical Features

Elevations on the property reach a maximum of 3542 feet above sea level immediately south of the Van Deeman shaft. The claims are located in the Black Mountains of Mohave County north of Mount Perkins.

Vegetation is typical of that found in the south west desert terrain, consisting of scrub brush, cactus, and infrequent grass.

Precipitation annually is about 10 to 15 inches occurring mainly as rain. Only infrequent snowfalls occur.

Little sub surface water is available and any springs are seasonal.

No buildings are known to exist on the claims.

For exploration purposes a three bedroom trailer has been set up at Boulder Inn near highway 93, to accommodate a geologist and two survey - sampler assistants.

#### 6.0 History

The area has a long exploration and development history probably dating back to the turn of the century when Oatman, Chloride and the Golden Door camps were active.

Numerous old mines and prospects are known in the area, such as, the Liberty, Potter, Mohave, Gold Bug, Golden Door, Klondike, Jim and Jerry and Scout, all in the Black Mountains. Other mines such

## 6.0 History (Cont'd.)

as the Bonanza, Grand Army of Republic, Shaefer's Treasure, Prince Albert, and Blind Goodness are located in the White Hills about 9 miles east.

Actual factual data pertaining to the production history is very limited, but most of the producers were small operators who selectively mined the higher grade portions of the mineralized zones. Ore was trucked to custom mills at Mineral Park and Bullhead City, 45 and 30 miles south respectively.

The property has been examined by Utah International Inc., in 1974 who explored the north east section of the claims in search of copper - molybdenum mineralization. A small amount of rotary drilling (2 holes) was completed and the area sampled and mapped.

Mr. C. Kunkes completed 100 short air track holes near the Van Deeman shaft in 1979. These are reported to have been about 25 feet deep. Certain of these holes have been sent for assay to Vancouver.

Recently Pacific Cypress Minerals Ltd., have optioned the claims from Mr. Kunkes so as to undertake further studies.

## 7.0 Geology

Cretaceous and Tertiary volcanic rocks are mapped in the northern portion of the Black Mountains in contact with dykes, sills, and stocks of late Cretaceous and early Tertiary intrusives. The intrusive events were accompanied by the deposition of most of the precious and base metals in the region.

The Van Deeman property is underlain by Cretaceous rhyolite and andesite contacting gneissic intrusives capped locally with a thin veneer of younger olivine basalts.

The adits, pits, and shafts on the claims generally appear to explore altered zones in the rhyolites or contact areas associated with the volcanics and intrusives.

Four samples taken by the author are described as follows:

<u>No.</u>	<u>Location</u>	<u>Width</u> ft.	<u>Assay</u>		
			Au oz/T	Ag oz/T	Cu%
426	Lobo Tunnel @ face, limonitic rhyolite	3.5'	0.006	0.10	-
427	Lobo Tunnel along wall, mushy porphyry, rhyolite	6.0'	0.004	Tr	-
428	Van Deeman tunnel altered rhyolite	5.0'	0.012	0.20	0.02
429	Van Deeman, lower adit, quartz limonitic rich zone	1.0'	0.044	1.55	0.40

Assay data is included in appendix 4.

Plan No. 4 included in appendix 4 shows the location of additional sampling undertaken by company geologist Doug J. Brownlee.

## 7.0 Geology (Cont'd.)

Sampling and geological mapping are being continued by Mr. Brownlee and two field technicians.

Samples taken by Mr. Brownlee and assayed by Bondar-Clegg and Company in Vancouver show values as high as 0.38 Au oz/ton, 1.16 Ag oz/ton.

## 8.0 Exploration Targets

### 8.1 Altered Rhyolite Zones

The altered zones in the rhyolites at contact areas are prime exploration targets. These zones generally appear flat lying, near surface, and occasionally capped by a thin veneer of younger basalts. Good gold-silver values have been obtained.

Previous exploration by Utah International Inc., was designed to examine exposed intrusive-volcanic contact areas which appears as bleached surface outcrops. Targets were tested for copper-molybdenum and gold mineralization principally. Further work is required in these areas.

## 9.0 Recommendations

The geology and mineralogy of the Van Deeman property is similar in nature to that of other properties in the immediate area which are presently undergoing extensive exploration. In these, gold-silver mineralization is found in quartz-calcite contact and brecciated zones, and in steep shear zones.

9.0 Recommendations (Cont'd.)

Further surveys are recommended as follows:

9.1 Geological Mapping

The claims are to be mapped along a control grid with special emphasis on alteration.

9.2 Road Work - Stripping

A minimal amount of dozer work is required for trenching and sampling, and for access of drill equipment.

9.3 Camp

A permanent field camp is to be established.

9.4 Sampling

All mineralized and altered outcrop areas are to be sampled.

9.5 Drilling

Reverse circulation and diamond drilling are to be undertaken as a success contingent phase.

APPENDIX A

Estimated Cost  
of the  
Recommended Surveys

COST ESTIMATE

Phase 1

1.0	Camp Cost servicing and supplies	\$ 8,000.00
2.0	Survey Grid	3,000.00
3.0	Geological Mapping	
	Geologist and helper	<del>8,000.00</del> 52.00
4.0	Sampling, assaying	4,000.00
5.0	Transporation, air fares, truck	6,000.00
6.0	Dozer work	6,000.00
7.0	Consulting	2,500.00
8.0	Contingencies	<u>4,000.00</u>
	Total Phase 1	\$ 41,500.00

Phase 2

Reverse circulation drilling and diamond drilling are to be considered as success contingent work.

1.0	Rotary - 3000' @ \$12.00	\$ 36,000.00
2.0	Diamond Drilling - 1000' @ \$25.00	25,000.00
3.0	Assays	6,000.00
4.0	Supervision	4,000.00
5.0	Consulting and Contingencies	<u>10,000.00</u>
		81,000.00
	Total - Both phases	<u>\$122,500.00</u>

Respectfully submitted,

John R. Poloni, B.Sc., P. Eng.

---

JOHN R. POLONI P. Eng.  
Consulting Geologist

APPENDIX B

References

REFERENCES

- 1.0 Ransome, F. L. 1923. U.S.G.S. Bulletin 743, Geology of the Oatman Gold District, Arizona.
- 2.0 Geologic Map of Mohave County, Arizona. U.S.G.S. Arizona Bureau of Mines, Tuscon.
- 3.0 Poloni, J.R. Sept. 2, 1980. Report on the Gold Ram Property. Weaver Mining District, Mohave County, Arizona.
- 4.0 Poloni, J.R. December 1, 1980. Summary Report on the 1979-80 Exploration Program, Golden Door Project for Hesca Resource Corp.

APPENDIX C

Certificate

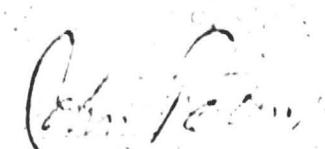
CERTIFICATE

I, John R. Poloni, of 5502 - 8B Avenue, in Delta, in the Province of  
British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec,  
where I obtained a B.Sc., degree in Geology in 1964.
3. I am a registered Professional Engineer in the Geological  
Section of the Association of Professional Engineers of  
the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Fellow of the Geological Association of Canada and  
a member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the Van Deeman property on  
December 1, 1980.
7. I have no interest in the properties or securities of Pacific  
Cypress Minerals Ltd., nor do I expect to receive or acquire  
any.

Dated this 10th day of January, 1981.

  
John R. Poloni, B.Sc., P.Eng.

APPENDIX D

Assay Data

Maps

		Scale
Plan No. 2	Claim Map	1"=200'
Plan No. 3	Geology	1"=6 mls
Plan No. 4	Sample Location Plan	1"=50'



# General Testing Laboratories

A Division of SGS Supervision Services Inc

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W

PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVIS

TO:

MR. JOHN POLONI  
 5502 - 8B Avenue  
 Delta, B.C.

## CERTIFICATE OF ASSAY

No.: 8012-1151

DATE: Dec. 22/80

We hereby certify that the following are the results of assays on: **Ore**

MARKED	GOLD	SILVER	Copper	XXX	XXX	XXX	XXX	XXX
	oz/st	oz/st	Cu (%)					
426	0.006	0.10	-					
427	0.004	trace	-					
428	0.012	0.20	0.02					
429	0.044	1.55	0.40					

REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OR STATEMENTS, CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED

*L. Wong*  
 L. Wong  
 PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighors

MEMBER American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association  
REFEREE AND/OR OFFICIAL CHEMISTS FOR National Institute of Oilseed Products • The American Oil Chemists' Society

life  
AA  
Puy

To: Pacific Cypress Minerals Ltd.,  
1020 - 800 W. Pender St.,  
Vancouver, B.C.  
V6C 2V6

ACME ANALYTICAL LABORATORIES LTD.  
Assaying & Trace Analysis  
852 E. Hastings St., Vancouver, B.C. V6A 1R6  
Telephone: 253 - 3158

File No. 80-1403  
Type of Samples Rock  
Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

No.	Sample	Ag oz/ton	Au oz/ton					No.
1	3263	9.42	.019		Ray Prop.			1
2	3264	.47	1.870		VAN Deeman			2
3	3265	.09	.133		" "			3
4	3266	.01	.005		Peacock Queen			4
5	3267	3.56	.001		" "			5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 6, 1980

DATE REPORTS MAILED Nov. 14, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

**HAZEN RESEARCH, INC.**



4601 INDIANA STREET  
GOLDEN, COLORADO 80402  
TELEPHONE 303/279-4501

Mr. Stanley Gertner

Date: January 26, 1979

HRI Project: 002-52F

HRI Series: 14859

Samples Received: 1/5/79

REPORT OF ANALYSIS

Analysis No.	Sample Designation	% Cu	% WO <sub>3</sub>	oz/ton As	oz/ton Ag
14859-18	18	0.019	0.08	0.041	16.01
-19	19	0.007	<0.01	<0.005	0.623
-20	20	0.009	0.01	0.009	3.350
-21	21	0.048	0.01	0.041	0.103
-22	22	0.020	0.01	0.238	0.493
-23	23	0.005	<0.01	<0.005	<0.005
-24	24	0.009	0.02	0.080	0.498
-25	25	0.160	0.02	0.095	3.301
-26	26	0.097	<0.01	0.180	0.507
-27	27	0.570	<0.01	0.552	0.363
-28	28	0.258	0.08	0.036	0.149
-29	39	0.047	<0.01	<0.005	0.134
-30	30	0.028	<0.01	0.025	0.203
-31	31	0.234	0.02	0.497	3.751

By: John C. Jarvis  
John C. Jarvis  
Manager, Analytical Laboratory

# Certificate of Analysis

TO Pacific Cypress Minerals Ltd.  
1020 - 800 West Pender Street  
Vancouver, B. C. V6C 2V6

A20 - 1905  
 December 11, 1980  
 PROJECT: Van Deeman

I hereby certify that the following are the results of assays made by us upon the herein described core chip samples.

MARKED	PERCENTAGE		MARKED	PERCENTAGE		MARKED	PERCENTAGE	
	oz/ton	oz/ton		oz/ton	oz/ton		oz/ton	oz/ton
	Au	Ag		Au	Ag		Au	Ag
8251	0.004	0.56	8270	0.043	0.20	8989	0.11	0.21
8252	<0.002	0.05	8271	<0.002	<0.02	8990	0.16	0.33
8253	<0.002	0.02	8272	<0.002	0.08	8991	0.095	1.11
8254	<0.002	0.03	8273	0.008	0.30	8992	0.006	0.03
8255	<0.002	0.02	8274	0.002	0.06	8993	0.016	0.08
8256	0.002	0.07	8275	0.002	0.09	8994	0.007	0.08
8257	<0.002	<0.02	8976	0.007	0.64	8995	0.011	0.03
8258	<0.002	<0.02	8977	<0.002	0.03	8996	0.006	0.05
8259	<0.002	0.02	8978	<0.002	0.15	8997	0.007	0.06
8260	<0.002	0.02	8979	0.017	0.43	8998	0.070	0.72
8261	<0.002	<0.02	8980	<0.002	<0.02	8999	0.38	1.16
8262	0.005	0.13	8981	0.003	0.15	9000	0.007	0.11
8263	0.005	0.05	8982	<0.002	<0.02	9001	0.10	0.48
8264	<0.002	<0.02	8983	0.030	0.15	9002	0.21	0.55
8265	<0.002	<0.02	8984	0.004	0.04	9003	0.18	0.43
8266	<0.002	<0.02	8985	0.005	0.04	9004	0.003	0.03
8267	<0.002	<0.02	8986	0.025	0.04	9005	0.002	0.03
8268	<0.002	0.02	8987	0.17	0.19	9006	0.030	0.23
8269	<0.002	0.03	8988	0.019	0.07	9007	0.003	0.02

NOTE:  
 Rejects retained two weeks  
 Pulp retained three months

**BONDAR-CLEGG & COMPANY LTD.**  
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

# Certificate of Analysis

TO Pacific Cypress Minerals  
 \_\_\_\_\_  
 \_\_\_\_\_

A20 - 1905

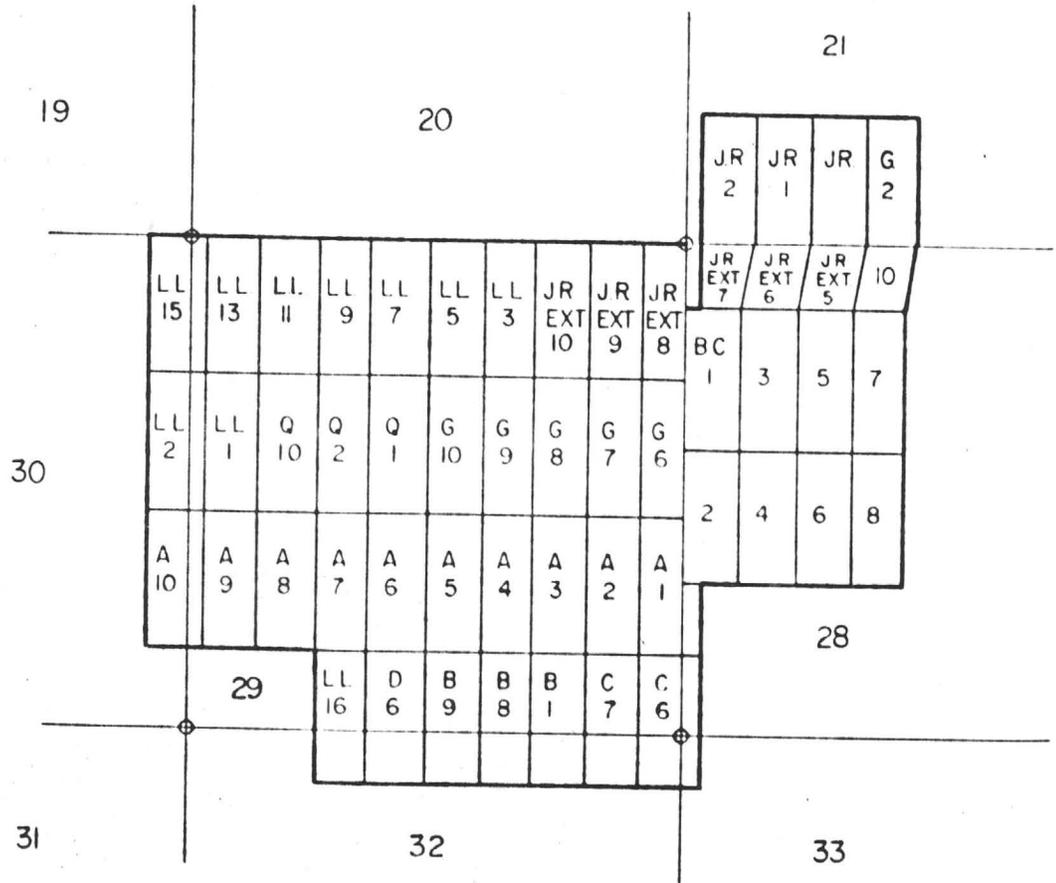
Page 2

I hereby certify that the following are the results of assays made by us upon the herein described core samples.

MARKED	PERCENT PERCENT		MARKED	PERCENT PERCENT		MARKED	PERCENT PERCENT	
	oz/ton	oz/ton		oz/ton	oz/ton		oz/ton	oz/ton
	Au	Ag		Au	Ag		Au	Ag
9008	0.009	0.05	9027	<0.002	0.02			
9009	<0.002	<0.02	9028	<0.002	<0.02			
9010	0.16	0.24	9029	<0.002	0.02			
9011	0.006	0.19	9030	0.002	0.18			
9012	0.008	1.51	9031	<0.002	0.02			
9013	<0.002	0.02	9032	0.002	0.04			
9014	<0.002	0.02	9033	<0.002	<0.02			
9015	<0.002	0.07	9034	<0.002	0.02			
9016	0.002	0.41	9035	<0.002	0.02			
9017	0.005	0.03	9036	0.002	0.02			
9018	0.006	0.20						
9019	<0.002	<0.02						
9020	<0.002	<0.02						
9021	0.18	2.95						
9022	0.004	0.28						
9023	0.030	1.08						
9024	0.002	0.02						
9025	<0.002	0.02						
9026	<0.002	0.03						

NOTE:  
 Rejects retained two weeks  
 Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.  
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



*John Poloni*

**LEGEND**

- J.R. JOHNY RAY
- L.L. LOST LOBO
- G GWEN
- Q QUEEN

FROM DATA SUPPLIED BY D BROWNLEE  
TWP 27N , R. 21W.

PACIFIC CYPRESS MINERALS LTD.		
<b>VAN DEEMAN PROJECT CLAIM MAP</b>		
WEAVER MINING DISTRICT MOHAVE COUNTY, ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn : J.R.P.	Checked : J.R.P.	Plan No.
Scale : 1" = 2000'	Date : JAN 10, 1981	2



VAN DEEMAN MINE



NEVADA

ARIZONA

**LEGEND**

- QTS - SAND, GRAVEL & CONGLOMERATE
- Qb - BASALT
- QTI - LAKE DEPOSITS
- Tr - RHYOLITE
- Lgr - GRANITE & RELATED CRYSTALLINE ROCKS
- Ka - ANDESITE
- Li - RHYOLITE & ANDESITE DIKE & PLUGS
- Kgv - VOLCANICS - RHYOLITE, LATITE, ANDESITE
- Sch - SCHIST
- gn - GRANITE

**NOTE**

REF. MAP - Geologic Map of Mohave County, Arizona  
Arizona Bureau of Mines

*John R. Poloni*

PACIFIC CYPRESS MINERALS LTD.		
VAN DEEMAN PROJECT GEOLOGY		
WEAVER MINING DISTRICT MOHAVE COUNTY, ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN : J R P	CHECKED : J R P	PLAN No
SCALE : 1" = 6 miles	DATE : JAN 10, 1981	3



**FREEPORT**

**FREEPORT EXPLORATION COMPANY**

7000 E. TANQUE VERDE ROAD • SUITE 30  
TUCSON, ARIZONA 85715  
PHONE: (602) 885-3577

August 1, 1980

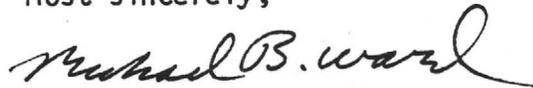
Mr. Charles Kunkes  
LVSR, Box 970  
Kingman, Arizona 86401

Dear Mr. Kunkes:

Enclosed are the sample results from our work on your property (all in ppm). As you can see, many of the samples contained very high values — most of these were dump samples. However, after trying to put together all the collected data it appears that sample values are very erratic and not wide-spread enough to indicate potential for the large bulk tonnage required by Freeport. Most of the gold, with some exceptions, appears to be confined to small iron stained shear zones. The Von Demon area may be particularly interesting to a smaller company who may not require such large tonnages. We were very interested in this area, but could not define a large enough tonnage.

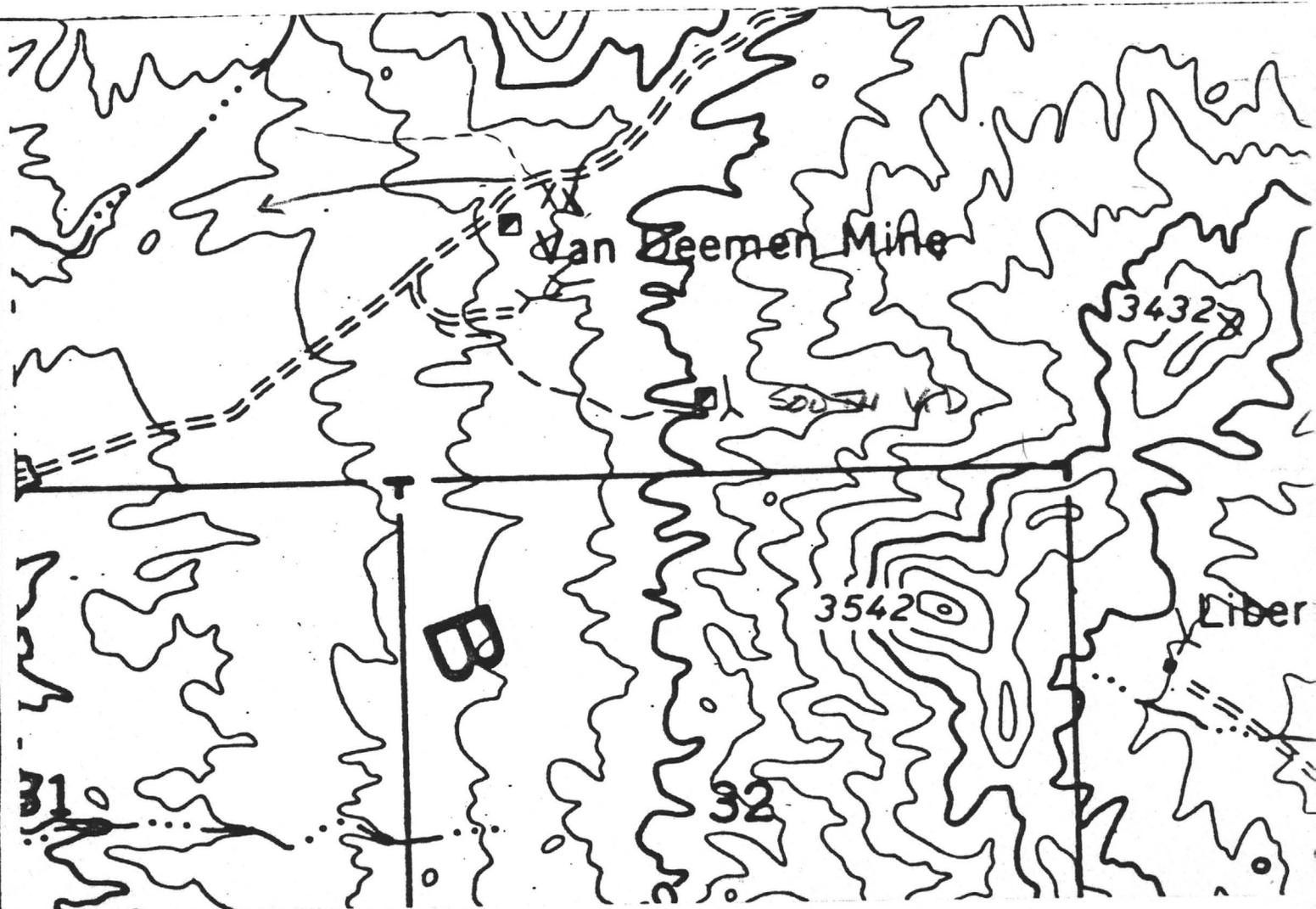
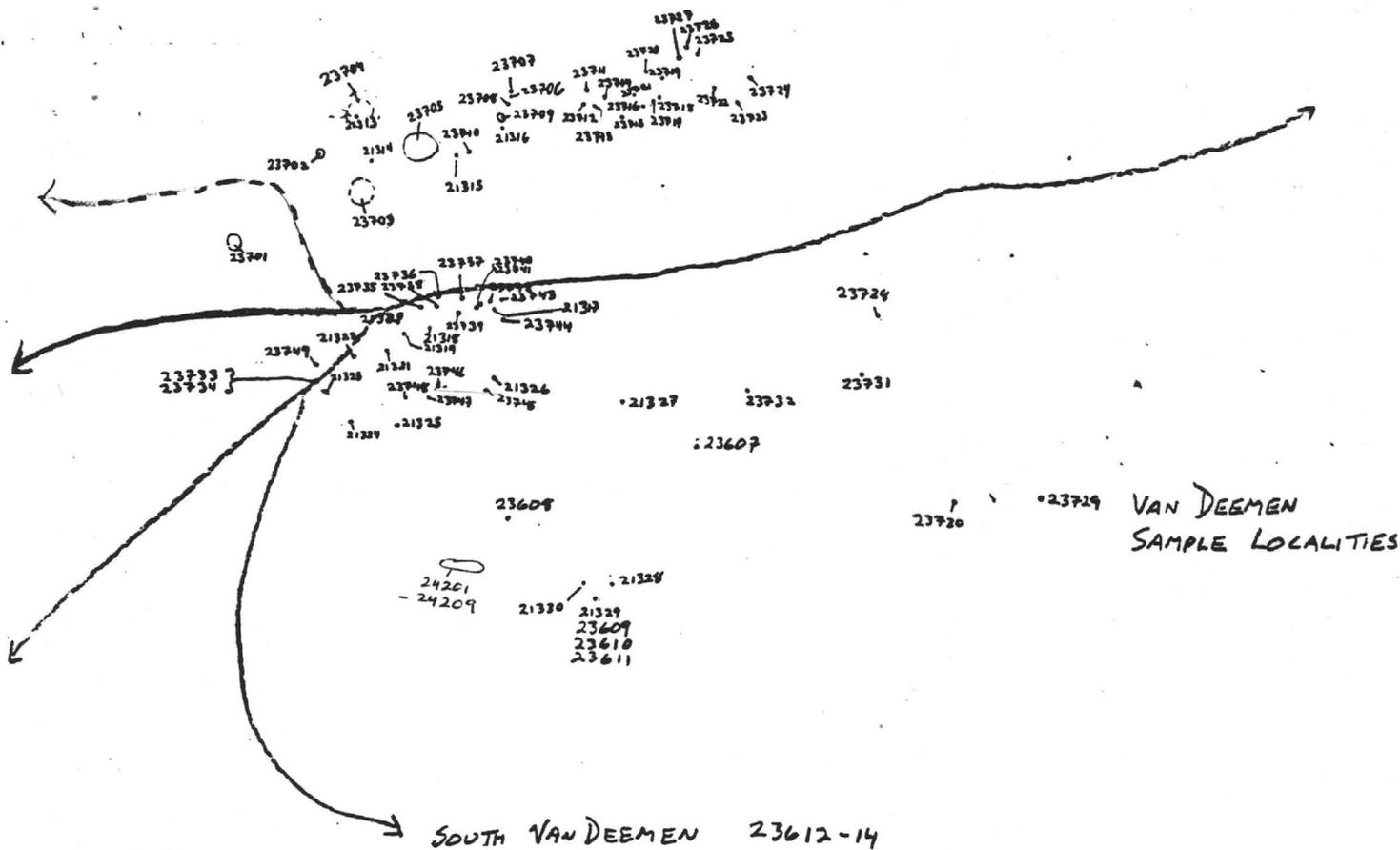
Sketches of sample locations are included with sample results. I hope these will be helpful. Best of luck with the property and thanks for being patient.

Most sincerely,

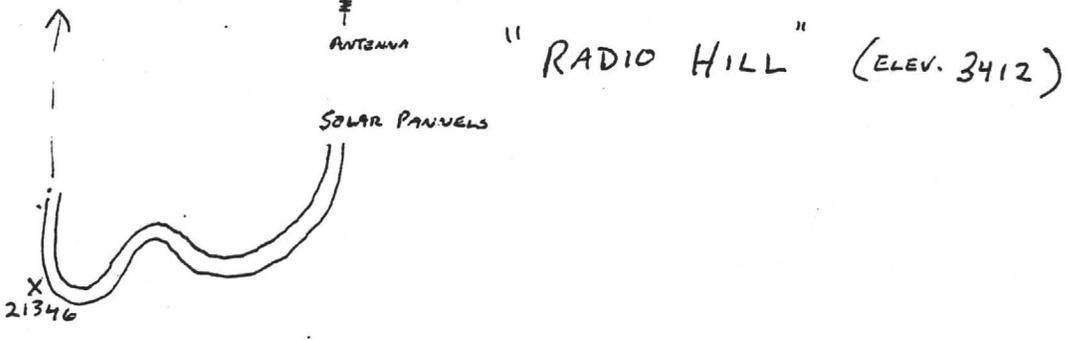
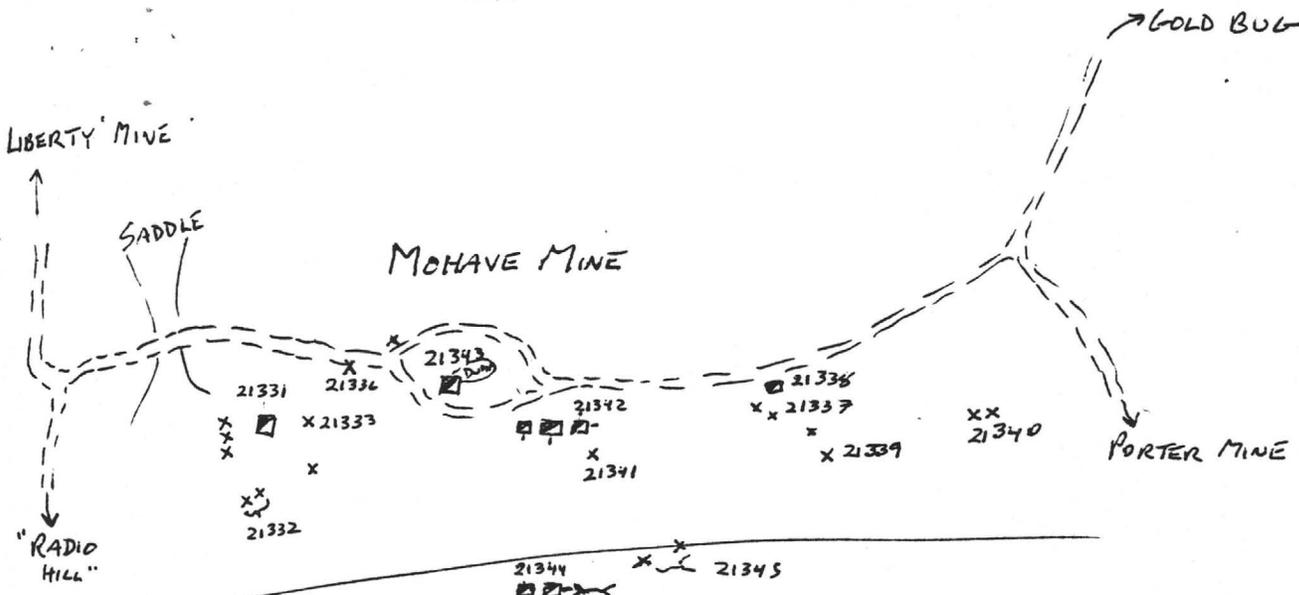


Michael B. Ward  
Geologist

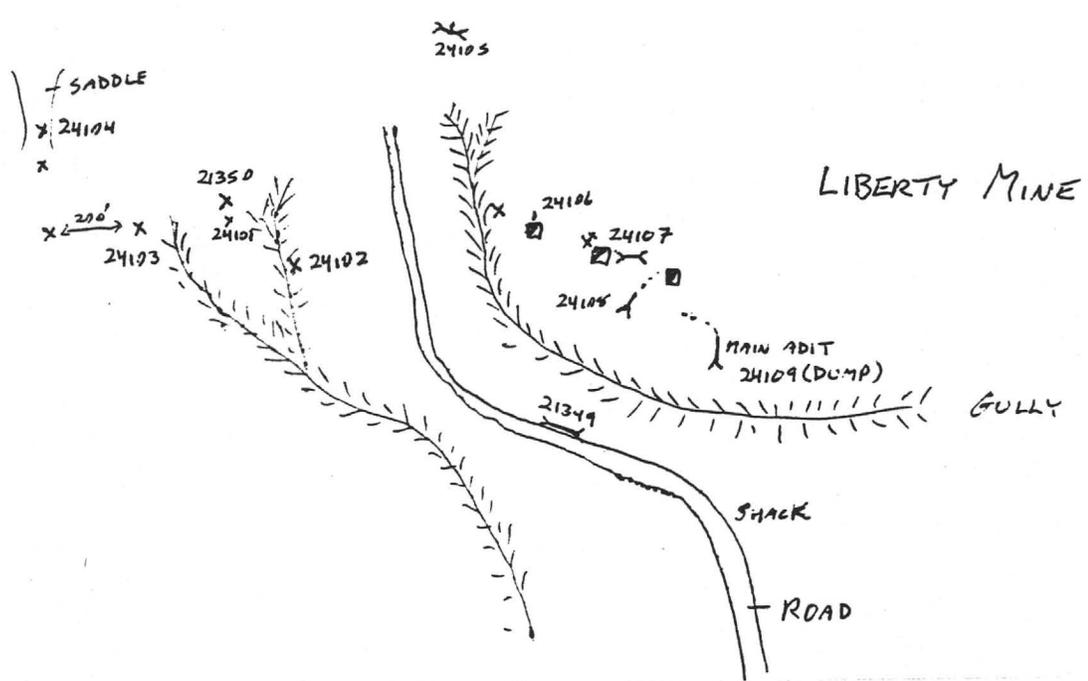
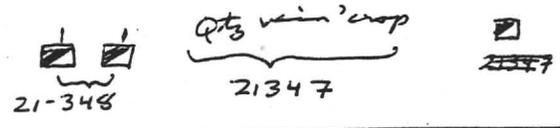
MBW/bjm  
Enclosures



HILL 3308  
X X



WORKINGS IN SW COR. OF SE 1/4 OF "SECTION 33" (SECTION NOT SURVEYED).  
 - ARE IN THE FLATS ~ 1/2 MI S OF LIBERTY MINE



TUCSON OFFICE



File Number	Au ppm	Ag ppm	Sample Number	Au ppm	Ag ppm
21313	1.4 .041	1 .029	21338	2.3	26
14	0.2 .006	3 .098	39	2.3	2
15	0.1 .003	2 .058	21340	0.1	1
16	0.4 .012	3 .088	41	-0.1	-1
17	0.5 .015	1 .029	42	1.1	16
18	0.1 .003	2 .058	43	13.4	10
19	4.3 .126	4 .117	44	5.0	4
21320	2.2 .067	7 .204	45	2.6	2
21	0.5 .015	1 .029	46	1.3	2
22	6.5 =.190	8 .234	47	0.8	8
23	2.3 .067	12 .350	48	4.5	56
24	3.2 .093	17 .496	49	6.6	8
25	0.1 .003	1 .029	21350	3.1	5
26	0.4 .012	1 .029	24101	2.8	3
27	9.8 .286	29 .847	02	1.1	5
28	0.2 .006	1 .029	03	5.2	6
29	9.2 .269	26 .759	04	+20*	7
21330	4.3	4	05	5.5	27
31	3.7	40	06	0.6	3
32	+20 *	+100 *	07	1.0	16
33	0.2	1	08	3.3	22
34	3.1	+100 *	24109	+20 *	+100 *
35	2.3	40			
36	4.0	56			
21337	4.0	11			

\*fire Assays from SLC

By Shirley J. Aiken  
Shirley J. Aiken



Sample Number

Cu ppm

Mo ppm

Au ppm

Ag ppm

24201

*Vm Occurrence*

-0.1

-1

02

-0.1

1

03

*Localite*

-0.1

-1

04

*S. of mine*

-0.1

-1

05

-0.1

1

06

-0.1

-1

07

-0.1

-1

08

-0.1

-1

09

-0.1

-1



Sample Number

Au ppm

Ag ppm

*Van Deuren Mine*

23701

02

03

04

05

06

07

08

09

23710

11

23712

-0.1

0.3 .009

0.8 .023

-0.1 .003

0.9 .022

-0.1 .005

-0.1

-0.1

-0.1 .003

-0.1

-0.1

-0.1

2

1

1

-1

4

-1

1

-1

-1

-1

-1

-1



Sample Number	Cu ppm	Pb ppm	Zn ppm	Au ppm	Ag ppm
23713	105	25	40	-0.1	-1
14	310	35	30	-0.1	-1
15	160	30	25	-0.1	-1
16	680	25	35	0.2	-1
17	185	30	45	-0.1	-1
18	50	5	15	-0.1	-1
19	400	20	15	0.7-0.020	-1
23720	325	25	10	0.3-0.009	1
21	0.12%	50	25	0.6-0.018	1
22	245	20	10	0.5-0.015	-1
23	455	20	25	0.2-0.006	-1
24	80	10	10	-0.1	-1
25	130	20	10	0.2-0.006	-1
26	150	25	15	-0.1	-1
27	135	40	15	0.4-0.012	-1
28	25	10	15	-0.1	-1
29	110	15	95	-0.1	-1
23730	50	30	125	-0.1	-1
31	10	30	65	-0.1	-1
32	10	25	5	-0.1	-1
33	500	45	55	0.9-0.026	13
34	55	20	95	-0.1	1
35	265	25	60	0.1-0.003	5
36	70	20	80	-0.1	1
23737	10	5	15	-0.1-0.003	-1



ROCKY MOUNTAIN GEOCHEMICAL CORP.

SALT LAKE CITY, UTAH

RENO, NEVADA

TUCSON, ARIZONA

*Van Beeman Mine*

<u>Sample Number</u>	<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Au ppm</u>	<u>Ag ppm</u>
23738	165	90	50	1.2 .035	2
39	300	30	90	-0.1	1
23740	165	25	25	-0.1	1
41	125	20	20	-0.1	-1
42	130	10	20	0.3 .009	2
43	330	15	25	-0.1	-1
44	235	10	10	1.7 .050	3
45	50	-5	15	-0.1	-1
46	180	5	15	1.3 .039	1
47	210	30	20	1.2 .035	2
48	190	40	20	2.0 .058	1
23749	195	85	25	2.5 .073	9
1-0	55	25	95		
100	50	25	80		
200	60	25	80		
300	65	25	90		
400	100	30	120		
500	35	25	95		
600	40	30	90		
700	50	25	80		
800	55	25	85		
900	20	215	20		
1000	60	35	95		
1100	110	40	115		
1-1200	85	25	90		



Date:

Rocky Mountain Geochemical Corp. TUCSON, ARIZONA  
1000 W. GOWENLOCK ROAD

	<u>Ca</u> <u>ppm</u>	<u>Mo</u> <u>ppm</u>	<u>Au</u> <u>ppm</u>	<u>Ag</u> <u>ppm</u>
23607	100	20	3.0	30
08	60	12	-0.1	-1
09	245	25	4.3	24
23610	145	11	14.0 *	23
11	860	1	0.1	4
12	255	1	-0.1	1
13	75	4	-0.1	1
23614	935	19	0.1	5
24201			-0.1	-1
02			-0.1	1
03			-0.1	-1
04			-0.1	-1
05			-0.1	1
06			-0.1	-1
07			-0.1	-1
08			-0.1	-1
09			-0.1	-1
24210			-0.1	1
24159			8.7	2
24160			-0.1	-1
61			-0.1	-1
62			-0.1	-1
63			-0.1	1
64			-0.1	24
24165			-0.1	4



**ROCKY MOUNTAIN GEOCHEMICAL CORP.**

SALT LAKE CITY, UTAH

RENO, NEVADA

TUCSON, ARIZONA

Sample No.	Date	Location	Cu	Pb	Zn	Au	Ag	Mo
21329	4/9/80	VAN DEEMEN				9.2 0.269	26 .760	
30	"	"				4.3 .126	4 .117	
31	4/10/80	McHANE Mine				3.7	40	
32	"	"				+20	+100	
33	"	"				0.2	1	
34	"	"				3.1	+100	
21335	"	"				2.3	40	
36	"	"				4.0	56	
37	"	"				4.0	11	
38	"	"				2.3	26	
39	"	"				2.3	2	
21340	"	"				0.1	1	
41	"	"				-0.1	-1	
42	"	"				1.1	16	
43	"	"				13.4	10	
44	"	"RADIC Hill"				5.0	4	

1 - V - 15 - C  
2 - V - 14 - D  
3 - V - 13 - B  
4 - V - 17 - A  
5 - V - 12 - D  
6 - V - 24 - D  
7 - V - 15 - D  
8 - V - 13 - C  
9 - V - 20 - C

10 - V - 20 - A  
11 - V - 17 - D  
12 - V - 14 - C

0 26  
0 25  
0 24

0 23

0 22

0 21

10 20

12 19

8 18

150

11 17

8

16 16

8 15

V4 0

20

V3 0

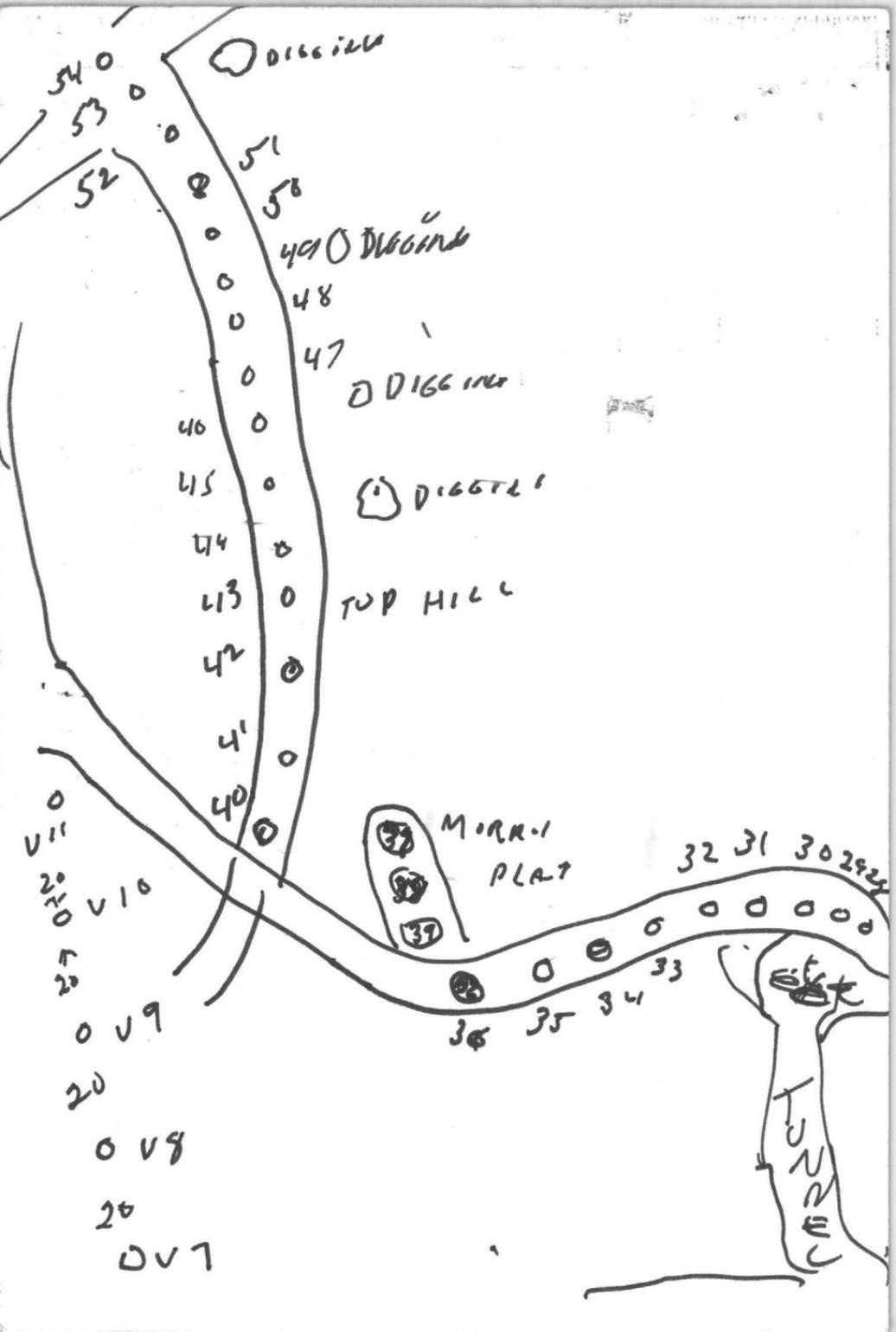
24

V2 0

40

V1 0 Top - cross







You -

6 <sup>5</sup>	24	.01	NIL
	48	.01	NIL
	72	.01	NIL

AV-

10T-30RE = 24.136 - 102.  
 SUI 48.229  
 72.055

DAVID: JAFFA  
 16 CHIPLOU LANE NJ,  
~~SCOTCH~~ SCOTCH PLAIN 077076

201-753 4567  
 " - 75 31634  
 201-388 4800

# 1 - 150 From -  
24 hr : 107 S,  
1136 G  
48 hr 1109 S  
.229 G

# 2 open Pit 24 hr. .102 S  
1146 G  
48 hr. 1.03 S.  
.158 G.

# 3. Cot on Top 24 .101 S  
.088 G.

48 , 101 S  
, 012 G.

# 4 TUNNEL  
T

24 - . TRACE - S  
1014 G.

48 - , 01 S  
1020 G.

#5- 10130. TU 24 . 01 J  
. 011 G.

48 . . TRACE-5  
. 014 G.

# FIRE

# -15 -18-25

G TRACE

S. 05

V-18 18-25

G. 015

S, 20

V-26 - 0-25

G- TRACE-

S, 05

V-38 0-25

G - ,001

S. 105

V-39 - 12-25

G. ,002

S ,05

V-56 20-25

G. ,013

S ,05

V- 64 18-25

G. , 001

S. 10

W-76 - A

G. .003'  
S .05-

76 D

G. .002  
S .05

93 . 0-25

G. .015  
S. - 05-

94 - 0-18

G. .012  
S. .05-

Sample

KUNYES

#	PNZ ADD	AG GROSS	AG NET	AU
1	6.57	8.40	3.06	.04
2	11	7.05	.36	Jr
3	11	7.30	.86	Jm
4	11	Nil	.00	Nil
5	11	7.63	1.52	.02
6	11	8.95	4.14	.02
7	11	7.35	.76	Nil
8	11	7.00	.26	Nil
9	11	Nil	.00	Nil
10	11	6.95	.16	Nil
11	11	Nil	.00	Nil
12	11	2.95	.16	.05

5.46  
 6.87  
 1.53  
 3.00



Mr. Charles R. Kunkes  
L.V.S.R. Box 970,  
Kingman, Arizona 86401

March 4, 1981

TERMINATION OF MINING OPTION AGREEMENT

Please be advised that this letter serves as Notice of Termination of an agreement dated November 20, 1980 (the "Agreement") between Charles R. and Marguerite Kunkes (designated as Optionors), and Cypress Resources Inc., a corporation (designated as Optionee).

1. We, as Optionee, give notice of our election to terminate this agreement as provided in Paragraph 14 of the "Agreement".
2. We would advise that Mr. John Poloni, P. Eng., has done assessment work on the property and a copy of his report is enclosed herewith.

Yours very truly,

OPTIONEE

CYPRESS RESOURCES INC.

The above notice of termination  
is hereby acknowledged.

\_\_\_\_\_

\_\_\_\_\_

# CHANGE 21W

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
USA																							
ARIZ																							

1521	1522
1520	1521

001 2 3 9 8 7 1 2 3 4 5 6

9

10

11

12

16

15

14

13

21

AR 1222

23

24

U

A

**D.K. MARTIN & ASSOCIATES**  
Mining Development & Administration

4728 N. 21ST AVENUE

PHOENIX, ARIZONA 85015

---

November 24, 1980

Mr. Ed Mueller  
Pacific Cypress  
705-900 West Hastings Street  
Vancouver, B.C., Canada  
V6C-1E5

Dear Ed,

Enclosed are mining option agreements between Charles R. Kunkes, Marguerite Kunkes, and Cypress Resources Inc. An exhibit "A" has been attached to each contract.

I have also enclosed the Cypress Resources bank card. Please sign on line 2 and return card to me.

Sincerely,

Douglas K. Martin

DKM/jeo

Enclosures

EXHIBIT A

KUNKES-BROWN CLAIMS

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Unpatented lode mining claims, the names of said claims and the notices of location thereof being of record in the office of the County Recorder of MOHAVE COUNTY.

Lode mining claims embracing a portion of township 27N, Range 21W, G&SRBM of public domain, in the \_\_\_\_\_ Mining District, \_\_\_\_\_, \_\_\_\_\_ as surveyed by \_\_\_\_\_.

<u>IDENT. #</u>	<u>CLAIM NAME</u>	<u>BOOK</u>	<u>PAGE</u>	<u>A.M.C. #</u>
3,5,7,9,11, 13,15,16	<u>LOST LOBO</u>	6U	207-247	89783-89798
J.R., 1,2	<u>JOHN RAY JR.</u>	52	338-346	89809-89817
5m6,7,8, 9,10	<u>JOHN RAY EXT.</u>	204	68-78	89627-89636
2,6,7, 8,9,10	<u>GWEN</u>	120	406-415	89637-89646
1,2,10	<u>QUEEN</u>	6W	145-150	89611-89613
1-10	<u>A'S</u>	52	347-356	89677-89686
1,8,9	<u>B'S</u>	52	381-390	89687-89696
6,7	<u>C'S</u>	52	371-380	89697-89706
6	<u>D</u>	52	361-370	89713
10	<u>BOULDER INN B.I.</u>	122	509-528	89626
1-3	<u>BOX CANYON B.C.</u>	229	179-202	89477-89485
1,2	<u>LOST LOBO EXT.</u>	204	79-80	89799-89800



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

ARIZONA STATE OFFICE  
2400 VALLEY BANK CENTER  
PHOENIX, ARIZONA 85073

IN REPLY REFER TO

A MC 89477 thru  
A MC 89840 (952)

June 9, 1980

Mr. Charles R. Kunkes  
LVSR, Box 970  
Kingman, Arizona 86401

Dear Mr. Kunkes:

This letter is to identify the serial numbers we have assigned to your mining claim location notices filed in this office on October 20, 1979.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 89477 thru A MC 89549	Box Canyon #1 - #73
A MC 89550	Box Canyon #74 Relocation
A MC 89551	Box Canyon #75
A MC 89552	Box Canyon #76 Relocation
A MC 89553 thru A MC 89559	Box Canyon #77 - #83
A MC 89560	Box Canyon #84 Relocation
A MC 89561	Box Canyon #85
A MC 89562	Box Canyon #86 Relocation
A MC 89563	Box Canyon #87
A MC 89564	Box Canyon #88 Relocation
A MC 89565	Box Canyon #89
A MC 89566 thru A MC 89568	Box Canyon #90 Relocation thru #92 Relocation
A MC 89569 thru A MC 89606	Box Canyon #93 - #130
A MC 89607 thru A MC 89610	Box Canyon #201 - #204
A MC 89611 and A MC 89612	Queen 1 and 2
A MC 89613	Queen 10
A MC 89614 thru A MC 89616	Sky Blue #1 - #3
A MC 89617 thru A MC 89626	Boulder Inn #1 - #10
A MC 89627 thru A MC 89636	J. R. Extension #1 - #10
A MC 89637 thru A MC 89646	Gwen #1 - #10
A MC 89647 thru A MC 89666	Crazy Charlie #1 - #20
A MC 89667 thru A MC 89676	Last Chance-No. 1 - No. 10
A MC 89677 thru A MC 89686	A-1 thru A-10
A MC 89687 thru A MC 89696	B-1 thru B-10
A MC 89697 thru A MC 89706	C-1 thru C-10
A MC 89707 thru A MC 89716	D-1 thru D-10
A MC 89717 thru A MC 89720	E-1 thru E-4
A MC 89721 thru A MC 89730	Margie #1 - #10
A MC 89731 and A MC 89732	Margie 11 and 12
A MC 89733 and A MC 89734	Margie #13 and #14

A MC 89735 and A MC 89736	Margie 15 and 16
A MC 89737 and A MC 89738	Margie #17 and #18
A MC 89739 and A MC 89740	Margie 19 and 20
A MC 89741 thru A MC 89749	Last Hope #1 - #9
A MC 89750	Last Hope 10
A MC 89751 and A MC 89752	Last Hope #11 and #12
A MC 89753	Intrepid Fox I
A MC 89754 thru A MC 89757	Intrepid Fox II - V
A MC 89758	Intrepid Fox #6
A MC 89759	Intrepid Fox #15
A MC 89760 and A MC 89761	Intrepid Fox 16 & 17
A MC 89762 thru A MC 89768	Intrepid Fox 18-24
A MC 89769 thru A MC 89779	Kunkes 1 - 11
A MC 89780	Kunke 12
A MC 89781 and A MC 89782	September Morning I & II
A MC 89783 thru A MC 89798	Lost Lobo #1 - #16
A MC 89799 and A MC 89800	Lost Lobo Extension #1 - #2
A MC 89801 thru A MC 89808	Fox 1 - 8
A MC 89809	John Ray
A MC 89810 thru A MC 89817	John Ray - 1 thru -8-
A MC 89818 thru A MC 89826	Pearl 1 - 9
A MC 89827	King #1
A MC 89828 thru A MC 89830	King II - IV
A MC 89831 and A MC 89832	King IX & X
A MC 89833 thru A MC 89840	Tiager 1 - 8

Please refer to the claim names and the serial numbers in any future correspondence.

This will also acknowledge receipt of your Affidavit of Labor Performed and Improvements Made for the above claims for the year 1978-1979.

The regulations in 43 CFR 3833.1-2, copy enclosed, require that each location notice must have a reference to county recording information by book (docket) and page or other identification number of the notice or certificate and, if amended, of the last recorded amendment. Please furnish this information for claims listed below so that your filings will be complete.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 89477 thru A MC 89549	Box Canyon #1 thru #73
A MC 89550	Box Canyon #74-Relocation
A MC 89551	Box Canyon #75
A MC 89552	Box Canyon #76 Relocation
A MC 89553 thru A MC 89559	Box Canyon #77 - #83
A MC 89560	Box Canyon #84 Relocation
A MC 89561	Box Canyon #85
A MC 89562	Box Canyon #86 Relocation
A MC 89563	Box Canyon #87
A MC 89564	Box Canyon #88 Relocation
A MC 89565	Box Canyon #89
A MC 89566 thru A MC 89568	Box Canyon #90 Relocation - #92 Relocation

- A MC 89569 thru A MC 89606
- A MC 89607 thru A MC 89610
- A MC 89611 and A MC 89612
- A MC 89613
- A MC 89617 thru A MC 89626
- A MC 89627
- A MC 89737 and A MC 89738
- A MC 89739 and A MC 89740
- A MC 89741 thru A MC 89749
- A MC 89750
- A MC 89751 and A MC 89752
- A MC 89753
- A MC 89754 thru A MC 89756
- A MC 89758
- A MC 89759
- A MC 89760 and A MC 89761
- A MC 89762 thru A MC 89768
- A MC 89769 thru A MC 89778
- A MC 89801 thru A MC 89808
- A MC 89809
- A MC 89810 thru A MC 89817
- A MC 89818 thru A MC 89826
- A MC 89827
- A MC 89828 thru A MC 89830
- A MC 89831 and A MC 89832
- A MC 89833 thru A MC 89840
- Box Canyon #93 thru #130 ✓
- Box Canyon #201 - #204 ✓
- Queen 1 and 2 ✓
- Queen 10 ✓
- Boulder Inn #1 - #10 ✓
- J. R. Extension #1
- Margie #17 and #18
- Margie 19 and 20
- Last Hope #1 - #9
- Last Hope 10
- Last Hope #11 and #12
- Intrepid Fox I
- Intrepid Fox II - IV
- Intrepid Fox #6
- Intrepid Fox #15
- Intrepid Fox 16 and 17
- Intrepid Fox 18 thru 24
- Kunkes 1 thru 10
- Fox 1 thru 8
- John Roy
- John Ray 1 thru 8
- Pearl 1 thru 9
- King #1
- King II thru IV
- King IX and X
- Tiager 1 thru 8

*← all these have  
be relocated*

In attempting to note our records with the legal description of these claims, several discrepancies were encountered. The description on the location notice differs from placement on the maps for Margie 17 and 18 , A MC 89737 and A MC 89738, C.5 and C.6, A MC 89701 and A MC 89702, and Intrepid Fox 16 through 20, A MC 89760 through A MC 89764.

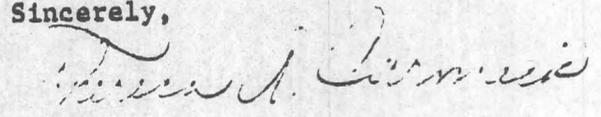
No legal description is provided for Kunke 12, A MC 89780.

Intrepid Fox #15 and 20 through 23, A MC 89759 and A MC 89764 through A MC 89767 were not shown on the map.

Please furnish an accurate description for these claims for our records.

A photocopy of your recorded Affidavit of Labor Performed or Notice of Intent to Hold for the 1979-1980 assessment year should be filed in this office on or before December 30, 1980. To be acceptable, the affidavit must show the work done during the period noon September 1, 1979 to noon September 1, 1980. No fee is required.

Sincerely,



Theresa A. Carmack  
Acting Chief, Branch of Records  
and Data Management

MINING OPTION AGREEMENT

M.K. (initials)  
MARGUERITE MARGARITA KUNKES

THIS AGREEMENT is made effective as of the 20<sup>th</sup> day of ~~NOVEMBER~~, 1980, by and between CHARLES R. KUNKES and MARGARITA KUNKES, his wife (hereinafter designated as "Optionors"), and CYPRESS RESOURCES INC., a corporation, (hereinafter designated as the "Optionee").

WHEREAS:

A. Optionors own certain located mineral claims in the Weaver Mining District, Twp. 26 North, Range 21 West, Sections 21, 28, 29, 30, 31, 32, and 33, Mohave County, Arizona, more particularly described in Exhibit A attached hereto and made a part hereof, which mineral claims, including any amendments or relocations pursuant to the provisions of Section 12, are all hereinafter collectively referred to as the "Property";

B. Optionors desire to option the Property to Optionee and to grant to Optionee the exclusive option to purchase the Property;

NOW THEREFORE, for valuable consideration paid to Optionors by Optionee, the receipt of which is hereby acknowledged and in consideration of the covenants herein contained, Optionors hereby grant unto Optionee an exclusive lease of the Property together with the exclusive option to purchase the Property, free and clear of all mortgages, liens and encumbrances of any kind, upon the terms and conditions hereinafter set forth:

1. Warranties and Representations

Optionors represent and warrant to Optionee that, subject to paramount title of the United States, Optionors own and have exclusive possession of the Property described in Exhibit A; that the Property is free and clear of all liens and encumbrances of other claims and rights whatsoever; that the locations of the mineral claims described in Exhibit A have been completed in compliance with the laws of the State of Arizona and of the United States of America; and that Optionors have full right, power and capacity to enter into this Agreement upon the terms herein set forth.

2. Term: Grant

Optionors hereby grant, lease and demise the Property unto Optionee, their successors and assigns, including, but without being limited to, all ores, minerals and mineral rights in, upon and under the Property, all interest of Optionors in all of the surface and subsurface thereof and all easements, licenses and rights of way heretofore reserved by, or granted to Optionor in, upon or pertaining to the Property, and all right, title and interest which may be acquired by or for Optionor in or pertaining to the Property during the term of this Agreement; TOGETHER WITH the right, at Optionee's election made prior to expiration of the term hereof, to purchase the Property on the terms and the conditions hereinafter set forth. While this Agreement is in effect, Optionee shall have the exclusive right to enter into and upon the Property and to explore for, develop, mine, extract, leach, remove, produce, beneficiate, concentrate, smelt, refine, manufacture, ship and sell, for their own account, all ores and minerals or products therefrom at such time, in such manner, and using such methods (including methods and techniques hereafter developed) as Optionee deems advisable and to place thereon, maintain, use, and at their election to remove machinery and equipment.

3. Advance Payments

Optionee, in order to maintain this option in good standing shall pay to Optionors according to payment schedule set forth below, those payments (and only those payments), the due dates of which occur prior to the termination date of this Agreement and prior to the date of exercise by Optionee of its option to purchase the Property:

- (a) Upon execution of this Agreement by Optionors and Optionee the sum of Ten Thousand Dollars (\$10,000.00) (this amount has been paid, this payment to be applied to the purchase price of the option);
- (b) Upon execution of this Agreement, the sum of One Thousand Dollars (\$1,000.00) and a similar sum of \$1,000.00 every month for a period of one year (these payments to be applied to the purchase price of the option);
- (c) On the date one year from the effective date of this Agreement, the sum of Twenty Five Thousand Dollars (\$25,000.00) shall be paid and a similar sum of \$25,000.00 every six months. These payments shall be made for a period of five and one-half years at the end of which one final payment of Three Thousand Dollars (\$3,000.00) shall be made therefore equaling the purchase price of Three Hundred Thousand Dollars (\$300,000.00) at which time the option shall be deemed to be exercised.

4. Payments to Optionors

All payments required to be made by the Optionee to the Optionors hereunder may be made in currency, or by draft or by check, at the option of Optionee, and said payments shall be made to a bank of the Optionors' choice, for the credit of Optionors, which bank shall continue as depository for all payments to Optionors and their successors in interest hereunder. Upon making any such payment, Optionee shall be relieved of any responsibility for the distribution of such payment to the Optionors or to the Optionors' successors in interest.

5. Option to Purchase

At any time during the term hereof, Optionee shall have the exclusive right to purchase the Property by giving written notice to Optionors to the address set forth in Section 16. If the Optionee elects to purchase the Property, the total purchase price shall be the sum of \$300,000.00. The total purchase price shall be reduced by all payments made to Optionor under the provisions of Sections 3 hereof and shall be further reduced by any applicable credits or deductions as provided in Section 11, which sum shall be referred to as the "Net Purchase Price". Upon receipt by the Optionors of the total sum of \$300,000.00 the option herein granted shall be deemed to be exercised and the Optionors shall have no further interest in the Property whatsoever.

6. Escrow of Documents

At any time prior to termination or expiration of this Agreement, Optionee may elect to require this Agreement be escrowed, in which event the Bank of the Optionors' choice (or such other bank or title insurance company within Arizona as shall be mutually agreed upon by Optionors and Optionee) shall serve as escrow agent subject to the terms and conditions hereof. Upon such election to escrow, Optionors and Optionee shall, as promptly as is reasonably possible but in any event within ninety (90) days from the date of such election, execute and deliver to

the escrow agent instructions to be prepared by Optionee, setting forth the terms of the escrow consistent with the terms and conditions hereof. Upon execution of escrow instructions, Optionors shall execute and deliver to the escrow agent deeds in recordable form acceptable to Optionee conveying to Optionee title to Property as represented in Section 1 and Optionee shall simultaneously execute and deliver to the escrow agent a relinquishment in recordable form acceptable to Optionors stating that the Optionee holds no interest in the Property. The escrow agent shall be instructed to deliver the title documents to the Optionee in the event of exercise by Optionee of their option to purchase and upon payment in escrow of the net purchase price. The escrow agent shall be instructed to deliver all of the title documents to Optionor in the event of expiration or termination of this Agreement other than by exercise by Optionee of their option to purchase. If, prior to the time of exercising the option to purchase, an escrow has not been established, such an escrow shall be established at the time of exercise of the option to purchase. One-half of the charges of the escrow agent for escrow services shall be paid by each party. Optionee and Optionor agree to promptly execute and forward to the escrow agent any additional documents necessary to maintain current and correct replacements for any of the documents described above and to join in execution of such additional instructions as may from time to time become necessary or desirable in keeping the escrow documents and instructions current.

7. Use of Property

Optionee shall have the right to use the Property and any facilities thereon in connection with any exploration, mining, milling or treatment operation (including, but not limited to, the right to use, cave or destroy the surface in such operations and to use the Property for waste dumps, stockpiles, leaching facilities, tailings and other surface uses) conducted by Optionee on the Property or on adjacent or nearby lands in which Optionee shall have an interest.

8. Protection from Liens and Damages

Optionee shall pay all expenses incurred by it in its operations on the Property hereunder and to permit no liens arising from any act of Optionee to remain upon the Property, and to indemnify Optionors against any liability to third persons resulting from Optionee's operations hereunder.

9. Payment of Taxes

While this Agreement is in force, the Optionee shall pay all taxes, assessments and other governmental charges imposed upon the Property; provided, however, that Optionee shall be under no obligation to pay any such tax or charge if the same is being contested in good faith by appropriate administrative or legal proceedings. If this Agreement is in effect for only a portion of any tax period, Optionee shall be liable for only the applicable pro-rata share of taxes, assessments or other governmental charges imposed.

10. Delivery of Data

If this Agreement is terminated, other than by payment of the full purchase price, Optionee, upon request by Optionors shall, within sixty (60) days of said termination, furnish Optionors copies of all basic factual data, drill logs, drill core, assay data and summaries of factual reports pertaining to the Property prepared by Optionee.

11. Title Matters

Title Documents - Upon written request by Optionee at any time during the term hereof, Optionor shall promptly deliver to Optionee all abstracts of title to and copies of all title documents affecting the Property which Optionor has in his possession, and copies of any plats and field notes of surveys of the Property which Optionor has in his possession.

B. Title Defects, Defence and Protection - If; (i) in the opinion of Optionee's counsel, Optionor's title to any of the Property is defective or less than as warranted in Section 1, or (ii) Optionor's title is contested or questioned by any person, entity or governmental agency; and if Optionor is unable or unwilling to promptly correct the defects or alleged defects in their title, Optionee may attempt, with all reasonable dispatch, to perfect, defend or initiate litigation to protect Optionors' title. In that event, Optionors shall execute all documents and shall take other actions as are reasonably necessary to assist Optionee in their efforts to perfect, defend or protect Optionor's title. All costs and expenses of perfecting, defending or correcting title (including, but without being limited to, the cost of attorneys' fees and the cost of releasing or satisfying any mortgages, liens and encumbrances) shall be a credit against the payments set forth in Section 3 and against the total purchase price as set forth in Section 5 unless the encumbrance or dispute arises from Optionee's failure to perform obligations hereunder (in which case such costs shall be borne by Optionee).

C. Lesser Interest Provisions - If Optionors' title to any of the Property is defective or less than represented herein, all payments due to be made to Optionors hereunder as set forth in Section 3 shall be reduced to the same proportion thereof as the claims actually owned by Optionor bears to the total claims described in Exhibit A and shall be further reduced to the same proportion of said payments as the undivided interests of Optionor in the said Property hereunder bear to the entire undivided title thereto.

D. General - Nothing herein contained, and no notice or action which may be taken under this Section 11, shall limit or prevent Optionee's right to terminate this Agreement at any time, as hereinafter provided.

12. Amendment; Relocation; Patent

Optionee shall have the right to amend or relocate, in the name of Optionors, any of the claims described in Exhibit A which Optionee, in their sole discretion, deem advisable to relocate or amend. Optionee shall not be liable in connection with the relocation or amendment of claims within the Area of Interest as long as such act (or omission) is not made in bad faith. Upon request by Optionee, Optionors shall apply for a patent to any of the unpatented mineral claims designated by Optionee and shall execute all necessary documents in connection therewith, and shall cooperate fully with Optionee in securing patent. All expenses incurred or authorized by Optionee in connection with patent proceedings shall be borne by Optionee. The rights of Optionee under this Agreement shall extend to any of the relocated, amended or patented mineral claims.

13. Notice of Non-Liability

Optionee, upon receipt of the same from Optionors, shall post on the Property and record in the office of the Recorder of Mohave County, Arizona, a "No Lien" notice, at its expense, as provided by A.R.S. S 33-990. The notice shall be prepared by Optionors and delivered to Optionee for posting and recording.

14.

Termination

A. By Optionee - Optionee shall have the right to terminate this Agreement at any time prior to exercise of its option to purchase by giving Optionor notice of Optionee's election to so terminate. The obligation to make the payments referred to in Section 3 hereof shall cease forthwith upon the Optionee giving such notice of election to terminate, to the Optionors. Upon expiration of ninety(90)days from the giving of such notice, this Agreement shall automatically terminate without further action of the parties, and Optionee and Optionors shall have no further rights or obligations hereunder as to the Property, provided that if Optionee give such notice of termination at any time with 180 days of the expiration of any annual assessment year, Optionee shall perform the assessment work on the Property for such year.

B. By Optionors-It is agreed between the parties hereto that if the Optionee at any time should be declared insolvent or bankrupt, or if an assignment of all the Optionee's interest in the Property shall be made for the benefit of creditors, or if all the Optionee's leasehold interest herein shall be levied upon under execution or seized by virtue of any writ of any court of law, or if a petition be filed to declare the Optionee bankrupt, or a trustee in bankruptcy or a receiver be appointed for the Optionee, whether under the operation of a state or federal statute, then, and in any of said cases, Optionor may, at their option, immediately and without notice to Optionee, or any assignee, terminate this Agreement and immediately retake possession of the Property, using such force as may be necessary without being deemed guilty of any manner of trespass or forcible entry or detainer. In the event of other default by the Optionee in the performance of obligations hereunder, including default in the making of any option payments due hereunder, the Optionor shall give to the Optionee written notice specifying the default. If the default is not cured within thirty (30) days after the Optionee has received the notice, or if the Optionee has not within that time begun appropriate action to cure the default and does not thereafter diligently prosecute such action to completion, Optionors may terminate this Agreement by delivering to Optionee written notice of such termination. Optionors shall have no right to terminate this Option except as set forth in this Section 14B.

C. Removal of Property - Upon any termination or expiration of this Agreement, Optionee shall have a period of 90 days from and after the effective date of termination in which to remove from the Property all of its machinery, equipment and materials located on the Property, except supports placed in shafts, drifts or openings in the Property, buildings, mine rails, pipe lines and water-tanks. Any property of the Optionee's not so removed at the end of the said 90 day period shall become the property of the Optionors.

15.

Assessment Work

Optionee shall perform annual assessment work required to maintain the mineral claims for any assessment year in which notice of termination of this Agreement has not been given prior to 6 months before the end of each such assessment work year. Optionee shall prepare and record Affidavits of Performance of Assessment Work but shall not be liable on account of holdings by any court or governmental agency that the effects of work so elected and performed by Optionee does not constitute the required annual assessment work for purposes of preserving title to such claims provided that the work so done is of the kind generally accepted as assessment work and that the Optionee has expended a total amount sufficient to meet the minimum requirements with respect to all of the mineral claims.

16.

Notices

Any notice required to be given to Optionors shall be given by registered or certified mail addressed as follows:

Charles R. Kunkes and Margarite Kunkes  
Boulder Inn,  
Highway 93, Arizona

and any notice to be given to Optionee shall be given by registered or certified mail addressed as follows:

Cypress Resources Inc.  
1020-800 West Pender Street,  
Vancouver, B.C. V6C 2V6

and a copy to:

Rand & Edgar  
Barristers & Solicitors  
400-750 West Pender Street,  
Vancouver, B.C.

Any notice so given shall be deemed to have been validly given upon mailing. The above addresses may be changed by the respective parties by notice given as herein provided.

17.

Inspection of Premises

At Optionors' sole risk and expense, a representative of Optionors' may visit the Property to observe the general nature of Optionee's operations during the term of this Agreement, provided, however, that no such visit shall interfere with any of Optionee's operations thereon.

18.

After Acquired Property

If the Optionors, Optionors' servants, agents or any affiliated persons or companies associated with them acquires additional mineral claims or mineral interests within two miles of the outer boundary of the Property, it shall by notice in writing advise the Optionee of such acquisition and the Optionee may elect to make such after acquired property subject to this Agreement. If the Optionee so elects, the Optionors shall deliver to the Optionee deeds in recordable form acceptable to the Optionee conveying to the Optionee title to the after acquired property. If the Optionee, the Optionee's servants or agents, or any affiliated corporations acquires by way of staking any additional mineral claims or mineral interests within one half mile of the outer boundary of the Property they shall by notice in writing advise the Optionee of such acquisition and thereafter such after acquired property shall be included in the Property. Any after acquired property shall be conveyed to the Optionors upon the termination of this agreement other than by way of exercise of the Option by Optionee.

19.

Memorandum of Recording

Optionee and Optionor agree to execute a Memorandum of this Agreement for recording purposes.

20. Headings for Convenience Only

The headings used in this Agreement are for convenience only and shall be disregarded in construing this Agreement

21. Assignment and Transfer

This Agreement and the terms and the conditions hereof shall be binding upon and extend to the successors, heirs, and assigns of the parties hereto; provided, however, that no transfer, assignment or division of the monies payable or the rights hereunder, however accomplished, shall operate to enlarge the obligations or diminish the rights of Optionee.

IN WITNESS WHEREOF, this MINING OPTION AGREEMENT has been executed on the day and year first above written.

OPTIONORS

State of Arizona  
County of Maricopa  
The foregoing instrument was acknowledged  
before me this 30<sup>th</sup> day of Nov. 1982  
by Walter R. Wanta  
Notary Public My Commission Expires Jan. 22, 1983

Charles R. Kunkes  
Charles R. Kunkes

Marguerite Kunkes  
Marguerite Kunkes  
MARGUERITE  
MK

OPTIONEE

Cypress Resources Inc.

\_\_\_\_\_  
\_\_\_\_\_

31 October 1980

Mr. Charles Kunkes  
Las Vegas Star Route  
Box 970  
Kingman, Arizona 86401

Dear Chuck:

Thank you for allowing me to copy the enclosed material. I will be seeing you soon.

Very Truly Yours,

Douglas K. Martin

encl

dkm/lwd

WHITE HILLS, Ariz.

NOV. 4<sup>th</sup> 1980

Letter of Intent:

Between: Pacific Cypress Minerals Ltd.

And: C. KUNKES

The parties agree to enter into a formal  
OPTION agreement on the following terms:

CYPRESS will option approx. 60 claims  
for the sum of \$10,000.00 (ten thousand)

down, monthly payments of \$1000.00 (one thousand)  
for 12 (twelve months). \$25,000.00 (twentyfive)

after one year, and \$25,000.00 (twentyfive)  
every six months till the full amount of

\$300,000.00 (three hundred thousand) is paid  
in full.

Charles R. Kunkes

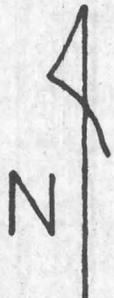
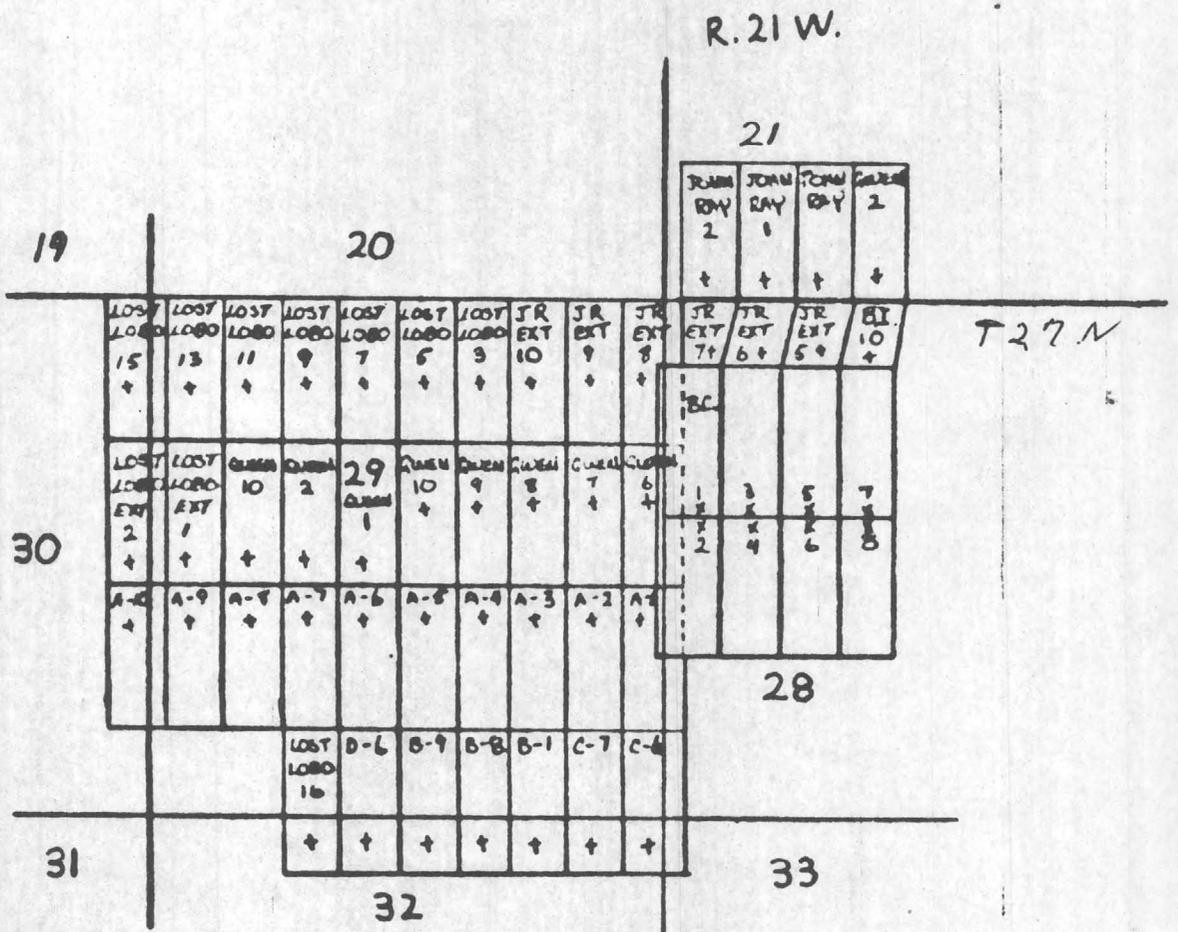
E.D. Mueller

Witness: Floyd Brown

E.D. Mueller  
pres.

CLAIM NAME	IDENTIFICATION #	A.M.C. #	COUNTY RECORDER #	BOOK AND PAGE	SECTION
LOST LOBO	3,5,7,9,11,13,15,16	89783 THRU 89798		6U / 207-247	29 & 30
JOHN RAY J.R.	J.R., 1, 2	89809 THRU 89817		52 / 358-346	21
JOHN RAY EXT.	5,6,7,8,9,10	89627 THRU 89636		204 / 68-78	28 & 29
GWEN	2,6,7,8,9,10	89637 THRU 89646		120 / 406-415	21 & 29
QUEEN	1, 2, 10	89611 89612 89613		6W / 145-150	29
A's	1 THRU 10	89677 THRU 89686		52 / 347-356	28, 29, 30
B's	1, 8, 9	89687 THRU 89696		52 / 381-390	29 & 32
C's	6, 7	89697 THRU 89706		52 / 371-380	28, 29, 32, 33
D	6	89713		52 / 361-370	29 & 32
BOULDER INN B.I.	10	89626		122 / 509-528	28
BOX CANYON B.C.	1 THRU 8	89477 THRU 89485		229 / 179-202	28 & 29
LOST LOBO EXT.	1, 2	89799 89800		204 / 79-80	29 & 30

T. 27 N.



1" = 2000'

53 CLAIMS

KUNKES - BROWN CLAIMS RELOCATIONS  
 BOX CANYON PROJECT  
 MOHAVE Co AZ.

#2

Do have mine - ?

LIBERTY Mine  
(No Samples)

#8

house

Shaft

Fold Out  
Cin Pat.

Gold Out  
Pat.

Deep Shaft  
Burred

Shallow  
Hole

Small  
Shaft

Incline Shaft

PORTER  
Mine

Storage

#11

Vein showing

10' cut

Dozer cut

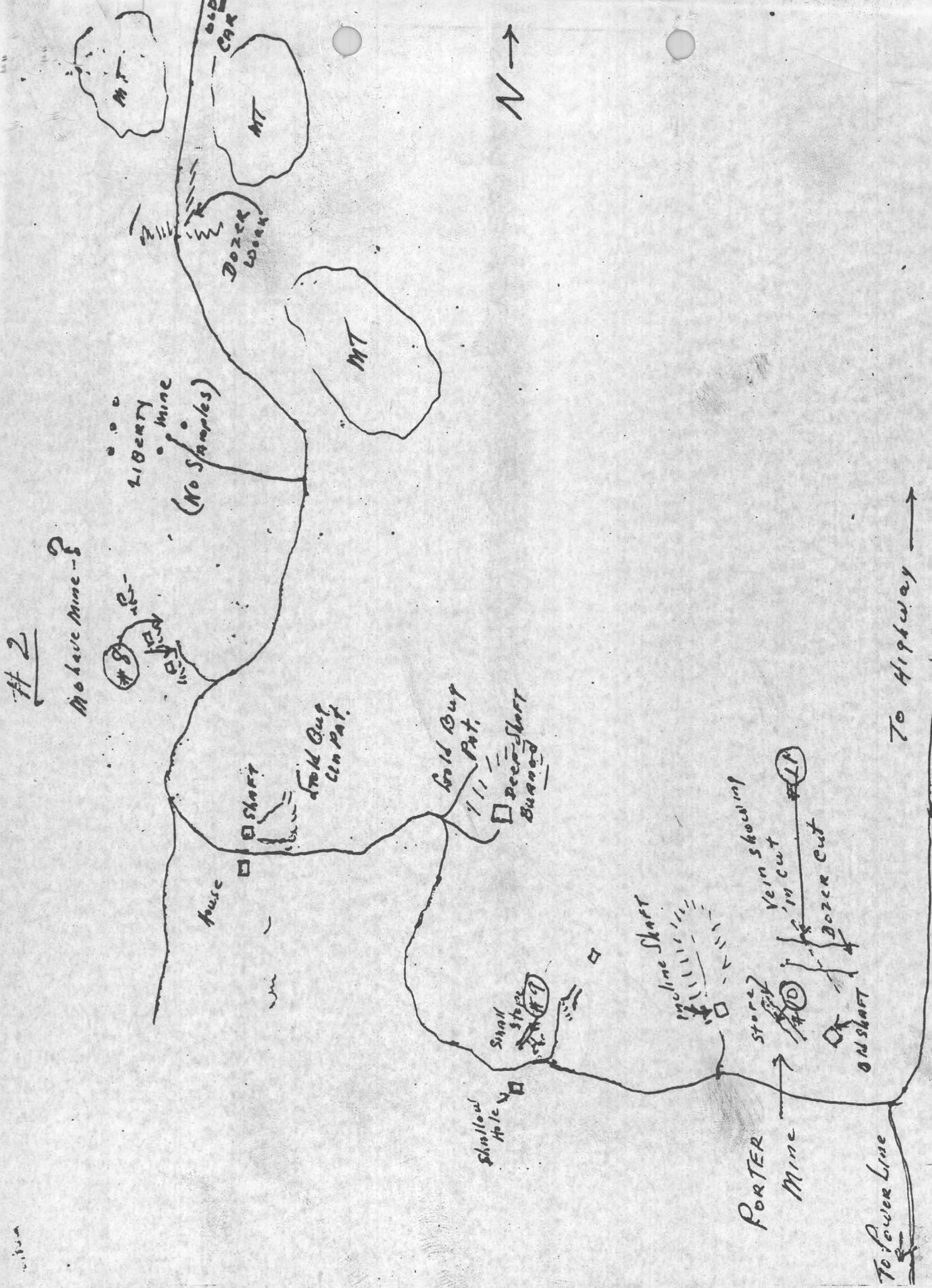
on shaft

To Power Line

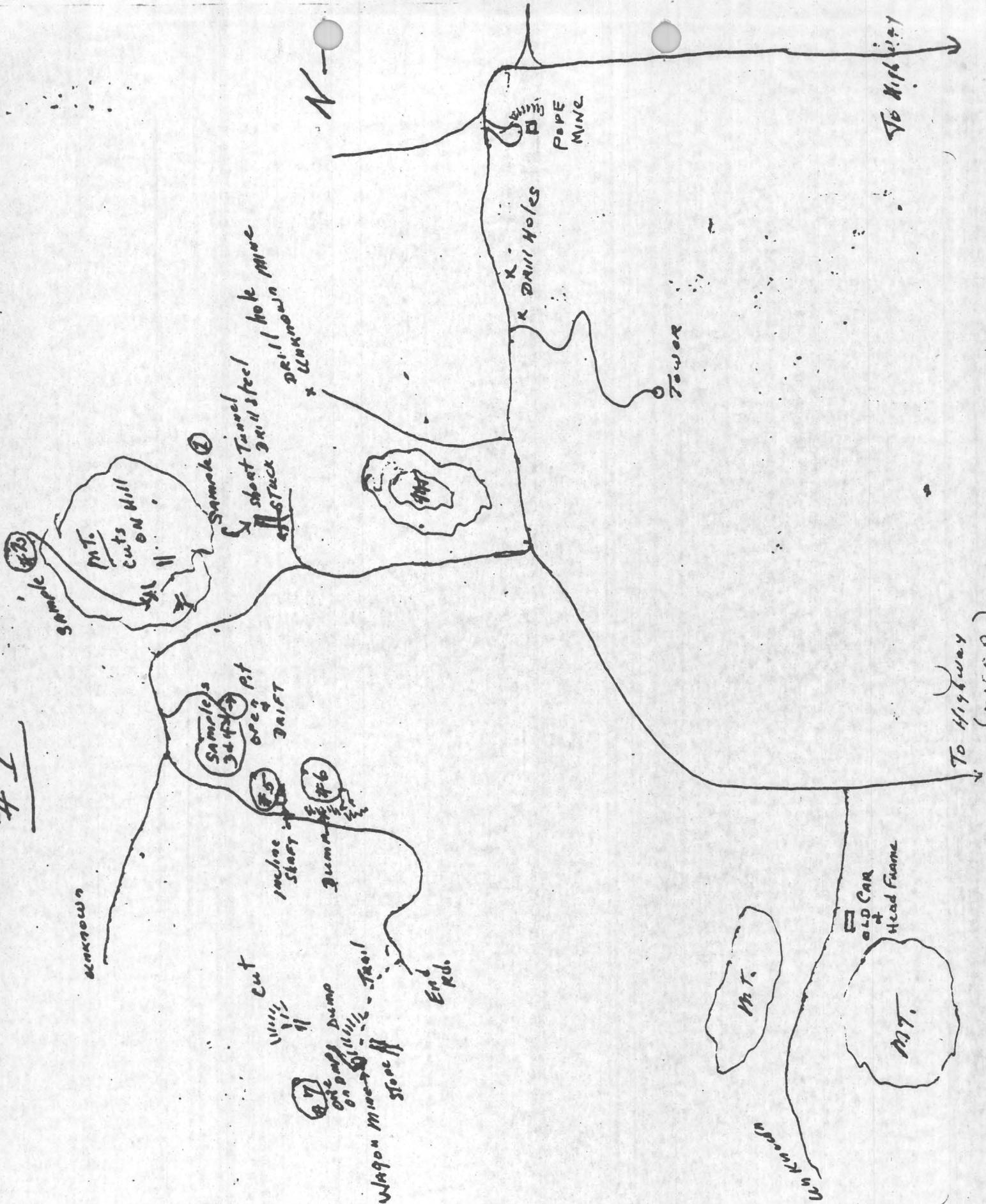
To Highway

N →

Wilson



#1



Greenville, Calif. 95947  
P.O. Box 897  
April, 10, 1976

Dear Mr. Kunkes,

No doubt by now you think I am dead. For awhile I thought I was going to be. I had a session with the Flu and was down for nearly two weeks.

A few days after we made the rounds of some of your mining claims, I returned and covered the same spots again. Taking several samples to pan to try to get an idea which warranted assaying.

It was my intention to run five assays on some of these & return for a better look. However it became necessary for me to come back up here for a short time at which time I got sick.

I had also hoped to have my brother take over here to give me a chance to go back out there.

He recently learned he had developed Cancer and it doesn't look like he will spend much time

here.

At present I have moved up here to get this operation going again. We have purchased quite a nice small mill which we hope to have in operation soon.

I am sending a rough sketch of the location of the samples I took, and hope to be able to assay some of them next time I am in Vegas. However I wouldn't say from the pannings that any of them were outstanding.

I would sure like to have had time to explore the underground of the Porter mine.

In talking to the owners of the Pope mine, it is my understanding the plan to start work there very soon. I think I would give it a damn good checking before I got in too deep there.

At present I can't say just what my future will be or how soon I can get away from here.

Thanks very much for your time & trouble, and I hope to see you again soon. As Ever C. F. Moore



# ENGINEERS TESTING LABORATORIES, INC.

1717 East Broadway Road  
P. O. Box 21187  
Phoenix, Arizona 85036  
(602) 266-1381

421 South Olsen Avenue  
Tucson, Arizona 85719  
(602) 626-8994

2488 East Industrial Drive  
Flagstaff, Arizona 86001  
(602) 774-4881

LABORATORY  
REPORT

Client **Mr. Charles Kunkes**  
**Las Vegas Star Route**  
**Box 970**  
**Kingman, AZ 86401**

Job No. 0-000  
Lab/Invoice No. 241-2527  
Date of Report 9-11-78

Project Water Determination  
Location Kingman, Arizona  
Material/Specimen Water Sampled By Unknown Date -----  
Source No Data Submitted By Charles Kunkes Date 9-11-78  
Test Procedure Atomic Absorbtion Authorized By Charles Kunkes Date 9-11-78

### RESULTS

A sample of well water from an unspecified location was submitted by Mr. Charles Kunkes for determination of silver, gold, and copper content. The results are listed below:

Silver, mg/l	<0.1
Gold, mg/l	<0.1
Copper, mg/l	<0.1

ms  
Copies to

Client: (1)

Respectfully submitted,  
ENGINEERS TESTING LABORATORIES, INC.

John Kline, Chief Chemist

# Silver State Minerals Testing Laboratory

ESTABLISHED 1946

6274 EAST CHARLESTON BOULEVARD

PHONE 452-3299

Mailing Address  
P. O. Box 14850  
LAS VEGAS, NEVADA 89114

FIRE ASSAYING  
ATOMIC ABSORPTION  
FLAME EMISSION  
CHEMICAL ANALYSIS

Specializing in  
PLATINUM GROUP ELEMENTS

MINERAL ANALYSIS  
METALLURGICAL ANALYSIS  
WATER TESTING

May 31, 1976

ASSAY NO. 76/H/4

*KORCH = near  
table Rock*

Mr. Nick Milardo  
161 Albert Apt. #1  
Las Vegas, Nevada 89109

## ASSAY REPORT

MATERIAL: rock & gravel.

ASSAYED FOR: gold, silver.

SAMPLE NO.

1

GOLD

0.346 oz. troy/ton ←

SILVER

0.08 oz. troy/ton

2

trace ←

0.14

3

0.028 oz. troy/ton ←

0.13

4

0.050 ] ON 1500 FT.

0.30

5

0.076 ] FAULT

0.23

OVER A MILE LONG FAULT

ASSAYER  
*Julius Bonocchi*  
JULIUS BONOCCHI

- #1 = King 5 ft outcrop.  
#2 = King ✓ — parallel vein 20 ft. in fault wall.  
#3 = Queen tunnel brow 4 ft cut, green copper ore.  
#4 = Lowboy 18 ft cut HW  
#5 ✓ 14 ✓ toward fault wall follows #4

THIS REPORT IS SUBMITTED TO THE ADDRESSED CLIENT FOR HIS EXCLUSIVE USE. AS A PROTECTION TO THE CLIENT, THE PUBLIC AND THIS LABORATORY, THIS REPORT MAY NOT BE USED IN WHOLE OR IN PART FOR ADVERTISING, PUBLICITY OR PROMOTION WITHOUT WRITTEN AUTHORIZATION.

# Silver State Minerals Testing Laboratory

ESTABLISHED 1948

6274 EAST CHARLESTON BOULEVARD

PHONE 452-3299

Mailing Address  
P. O. Box 14850  
LAS VEGAS, NEVADA 89114

FIRE ASSAYING  
ATOMIC ABSORPTION  
FLAME EMISSION  
CHEMICAL ANALYSIS

Specializing in  
PLATINUM GROUP ELEMENTS

MINERAL ANALYSIS  
METALLURGICAL ANALYSIS  
WATER TESTING

Dec. 9, 1977  
ASSAY NO. 77N/9

Mr. C. Kunkes  
Las Vegas Star Rt., Box 970  
Kingman, Arizona 86401

## ASSAY REPORT

MATERIAL: rock.  
ASSAYED FOR: gold, silver.

IN FRONT  
TUNNEL  
ON ROAD

SAMPLE NO.	
1	low dump
2	
3	
4	
5	(Vandeum next to Rd.)
6	(off dump)
7	(digging N. of hill over old Rd.)
8	(Vo-open pit)

GOLD  
0.063 oz. troy/ton  
0.031  
0.043  
0.075  
0.090  
~~0.124~~  
0.124  
0.143  
0.180

← THESE ARE ON THE 1500 FOOT FAULT IN WASH

SILVER  
0.57 oz. troy/ton low B. -  
0.60 BLACK IRON  
0.70  
24.09  
0.59  
1.76  
3.59  
0.64

OLD MINE CLAY  
TUNNEL NEXT TO ROAD  
WENT UP OF ARCH  
TO LEFT OF OPEN PIT  
IN DUMP  
GOING TO OPEN PIT  
VAN DUMMEL  
BY OPEN PIT

ASSAYER  
JULIUS BONOCCHI

THESE ARE AT RANDON  
OFF GOUND OR DIGGING, SCRAP PILES

THIS REPORT IS SUBMITTED TO THE ADDRESSED CLIENT FOR HIS EXCLUSIVE USE. AS A PROTECTION TO THE CLIENT, THE PUBLIC AND THIS LABORATORY, THIS REPORT MAY NOT BE USED IN WHOLE OR IN PART FOR ADVERTISING, PUBLICITY OR PROMOTION WITHOUT WRITTEN AUTHORIZATION.



# United States Department of the Interior

IN REPLY REFER TO  
A MC 89477 thru  
A MC 89840 (952)

## BUREAU OF LAND MANAGEMENT

ARIZONA STATE OFFICE  
2400 VALLEY BANK CENTER  
PHOENIX, ARIZONA 85073

June 9, 1980

Mr. Charles R. Kunkes  
LVSR, Box 970  
Kingman, Arizona 86401

Dear Mr. Kunkes:

This letter is to identify the serial numbers we have assigned to your mining claim location notices filed in this office on October 20, 1979.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 89477 thru A MC 89549	Box Canyon #1 - #73
A MC 89550	Box Canyon #74 Relocation
A MC 89551	Box Canyon #75
A MC 89552	Box Canyon #76 Relocation
A MC 89553 thru A MC 89559	Box Canyon #77 - #83
A MC 89560	Box Canyon #84 Relocation
A MC 89561	Box Canyon #85
A MC 89562	Box Canyon #86 Relocation
A MC 89563	Box Canyon #87
A MC 89564	Box Canyon #88 Relocation
A MC 89565	Box Canyon #89
A MC 89566 thru A MC 89568	Box Canyon #90 Relocation thru #92 Relocation
A MC 89569 thru A MC 89606	Box Canyon #93 - #130
A MC 89607 thru A MC 89610	Box Canyon #201 - #204
A MC 89611 and A MC 89612	Queen 1 and 2
A MC 89613	Queen 10
A MC 89614 thru A MC 89616	Sky Blue #1 - #3
A MC 89617 thru A MC 89626	Boulder Inn #1 - #10
A MC 89627 thru A MC 89636	J. R. Extension #1 - #10
A MC 89637 thru A MC 89646	Gwen #1 - #10
A MC 89647 thru A MC 89666	Crazy Charlie #1 - #20
A MC 89667 thru A MC 89676	Last Chance-No. 1 - No. 10
A MC 89677 thru A MC 89686	A-1 thru A-10
A MC 89687 thru A MC 89696	B-1 thru B-10
A MC 89697 thru A MC 89706	C-1 thru C-10
A MC 89707 thru A MC 89716	D-1 thru D-10
A MC 89717 thru A MC 89720	E-1 thru E-4
A MC 89721 thru A MC 89730	Margie #1 - #10
A MC 89731 and A MC 89732	Margie 11 and 12
A MC 89733 and A MC 89734	Margie #13 and #14

A MC 89569 thru A MC 89606	Box Canyon #93 thru #130 ✓
A MC 89607 thru A MC 89610	Box Canyon #201 - #204 ✓
A MC 89611 and A MC 89612	Queen 1 and 2 ✓
A MC 89613	Queen 10 ✓
A MC 89617 thru A MC 89626	Boulder Inn #1 - #10 ✓
A MC 89627	J. R. Extension #1
A MC 89737 and A MC 89738	Margie #17 and #18
A MC 89739 and A MC 89740	Margie 19 and 20
A MC 89741 thru A MC 89749	Last Hope #1 - #9
A MC 89750	Last Hope 10
A MC 89751 and A MC 89752	Last Hope #11 and #12
A MC 89753	Intrepid Fox I
A MC 89754 thru A MC 89756	Intrepid Fox II - IV
A MC 89758	Intrepid Fox #6
A MC 89759	Intrepid Fox #15
A MC 89760 and A MC 89761	Intrepid Fox 16 and 17
A MC 89762 thru A MC 89768	Intrepid Fox 18 thru 24
A MC 89769 thru A MC 89778	Kunkes 1 thru 10
A MC 89801 thru A MC 89808	Fox 1 thru 8
A MC 89809	John Roy
A MC 89810 thru A MC 89817	John Ray 1 thru 8
A MC 89818 thru A MC 89826	Pearl 1 thru 9
A MC 89827	King #1
A MC 89828 thru A MC 89830	King II thru IV
A MC 89831 and A MC 89832	King IX and X
A MC 89833 thru A MC 89840	Tiager 1 thru 8

In attempting to note our records with the legal description of these claims, several discrepancies were encountered. The description on the location notice differs from placement on the maps for Margie 17 and 18, A MC 89737 and A MC 89738, C.5 and C.6, A MC 89701 and A MC 89702, and Intrepid Fox 16 through 20, A MC 89760 through A MC 89764.

No legal description is provided for Kunke 12, A MC 89780.

Intrepid Fox #15 and 20 through 23, A MC 89759 and A MC 89764 through A MC 89767 were not shown on the map.

Please furnish an accurate description for these claims for our records.

A photocopy of your recorded Affidavit of Labor Performed or Notice of Intent to Hold for the 1979-1980 assessment year should be filed in this office on or before December 30, 1980. To be acceptable, the affidavit must show the work done during the period noon September 1, 1979 to noon September 1, 1980. No fee is required.

Sincerely,

*Theresa A. Carmack*  
 Theresa A. Carmack  
 Acting Chief, Branch of Records  
 and Data Management

Enclosure:  
 Regulations 43 CFR 3833

*all these have  
 be relocated*

A MC 89735 and A MC 89736	Margie 15 and 16 ✓
A MC 89737 and A MC 89738	Margie #17 and #18 ✓
A MC 89739 and A MC 89740	Margie 19 and 20 ✓
A MC 89741 thru A MC 89749	Last Hope #1 - #9 ✓
A MC 89750	Last Hope 10 ✓
A MC 89751 and A MC 89752	Last Hope #11 and #12 ✓
A MC 89753	Intrepid Fox I ✓
A MC 89754 thru A MC 89757	Intrepid Fox II - V ✓
A MC 89758	Intrepid Fox #6 ✓
A MC 89759	Intrepid Fox #15 ✓
A MC 89760 and A MC 89761	Intrepid Fox 16 & 17 ✓
A MC 89762 thru A MC 89768	Intrepid Fox 18-24 ✓
A MC 89769 thru A MC 89779	Kunkes 1 - 11 ✓
A MC 89780	Kunke 12 ✓
A MC 89781 and A MC 89782	September Morning I & II ✓
A MC 89783 thru A MC 89798	Lost Lobo #1 - #16 ✓
A MC 89799 and A MC 89800	Lost Lobo Extension #1 - #2 ✓
A MC 89801 thru A MC 89808	Fox 1 - 8 ✓
A MC 89809	John Ray ✓
A MC 89810 thru A MC 89817	John Ray - 1 thru -8- ✓
A MC 89818 thru A MC 89826	Pearl 1 - 9 ✓
A MC 89827	King #1
A MC 89828 thru A MC 89830	King II - IV
A MC 89831 and A MC 89832	King IX & X
A MC 89833 thru A MC 89840	Tiager 1 - 8

Please refer to the claim names and the serial numbers in any future correspondence.

This will also acknowledge receipt of your Affidavit of Labor Performed and Improvements Made for the above claims for the year 1978-1979.

The regulations in 43 CFR 3833.1-2, copy enclosed, require that each location notice must have a reference to county recording information by book (docket) and page or other identification number of the notice or certificate and, if amended, of the last recorded amendment. Please furnish this information for claims listed below so that your filings will be complete.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 89477 thru A MC 89549	Box Canyon #1 thru #73
A MC 89550	Box Canyon #74-Relocation
A MC 89551	Box Canyon #75
A MC 89552	Box Canyon #76 Relocation
A MC 89553 thru A MC 89559	Box Canyon #77 - #83
A MC 89560	Box Canyon #84 Relocation
A MC 89561	Box Canyon #85
A MC 89562	Box Canyon #86 Relocation
A MC 89563	Box Canyon #87
A MC 89564	Box Canyon #88 Relocation
A MC 89565	Box Canyon #89
A MC 89566 thru A MC 89568	Box Canyon #90 Relocation - #92 Relocation

CLAIMS

					BOOK	PAGE
10	A-1	THRU 1-17	TO B.C ALL	✓	52	347-356
10	B-1	" B-10	189	✓	52	381-390
10	C-1	" C-10	6.7.	✓	52	371-380
10	D-1	" D-10	D-6	✓	52	361-370
4	E-1	" E-4			52	357-360
4	KING	1 THRU 4			6W	117-124
2	"	9 AND 10	✓		6W	141-144
4	KUNKLES	1 THRU 4			6W	151-158
2	"	5 " 10			6W	201-212
2	"	11 AND 12			311	60-61
1	JOHN RAY				52	338
8	JOHN RAY	1 THRU 8			52	339-346
3	QUEEN	1-3-10			6W	145-150
1	LAST HOPE	1			6W	225-226
11	LAST HOPE	2 TO 12			6W	324-345
8	TIGER	1 THRU 8			6W	185-200
2	SEPTEMBER MARKING	1 AND 2			236	299-300
10	CRAZZY CHARLIE	1 THRU 10			6U	177-186
10	"	" " 11 " 20			611	187-196
6	PEARL	1 THRU 6			6W	255-265
3	"	7 " 9			1	22-27
2	JOHN RAY EXTENSION	1-2			204	65-67
8	"	" " 3 THRU 10			204	68-78

LAIMS

	NAME		BOOK	PAGE
4	LOST LOBO	1 THRU 4	6U	207-211
8	" "	5 " 12	6U	234-241
3	" "	13 " 16	6U	244-247
2	LOST LOBO	ENTENISON LAND	204	79-80
10	BOULDER INN	1 THRU 10	122	509-528
10	GWEN	1 THRU 10	120	406-415
10	LAST CHANCE	1 THRU 10	62	202-211-
8	FOX	1 THRU 8	6W	227-243
5	INTREPID FOX	1 THRU 5	6U	484-492
1	" "	6	6V	84-85
10	" "	15 THRU 24	6W	407-427
3	SKY BLUE	1 THRU 3	148	277-279
12	BOX CANYON	1 THRU 12	229	179-202
61	" "	13 " 73	233	536-657
1	" "	75	233	660-661
7	" "	77 THRU 83	233	664-677
1	" "	85	233	680-681
1	" "	87	233	684-685
1	" "	89	233	668-689
38	" "	93 THRU 130	233	696-711

	NAME		BOOK	PAGE
Box	CANYON 74	RELUCATION	243	722
"	76	"	"	724
"	84	"	"	726
"	86	"	"	730
"	88	"	"	728
"	90	"	"	732
"	91	"	"	734

The logo for Freeport Exploration Company, featuring the word "FREEPORT" in a bold, sans-serif font inside a stylized oval shape.

## **FREEPORT EXPLORATION COMPANY**

7000 E. TANQUE VERDE ROAD • SUITE 30  
TUCSON, ARIZONA 85715  
PHONE: (602) 885-3577

August 1, 1980

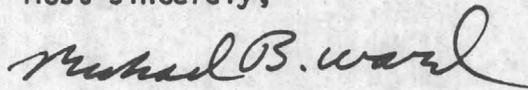
Mr. Charles Kunkes  
LVSR, Box 970  
Kingman, Arizona 86401

Dear Mr. Kunkes:

Enclosed are the sample results from our work on your property (all in ppm). As you can see, many of the samples contained very high values — most of these were dump samples. However, after trying to put together all the collected data it appears that sample values are very erratic and not wide-spread enough to indicate potential for the large bulk tonnage required by Freeport. Most of the gold, with some exceptions, appears to be confined to small iron stained shear zones. The Von Demon area may be particularly interesting to a smaller company who may not require such large tonnages. We were very interested in this area, but could not define a large enough tonnage.

Sketches of sample locations are included with sample results. I hope these will be helpful. Best of luck with the property and thanks for being patient.

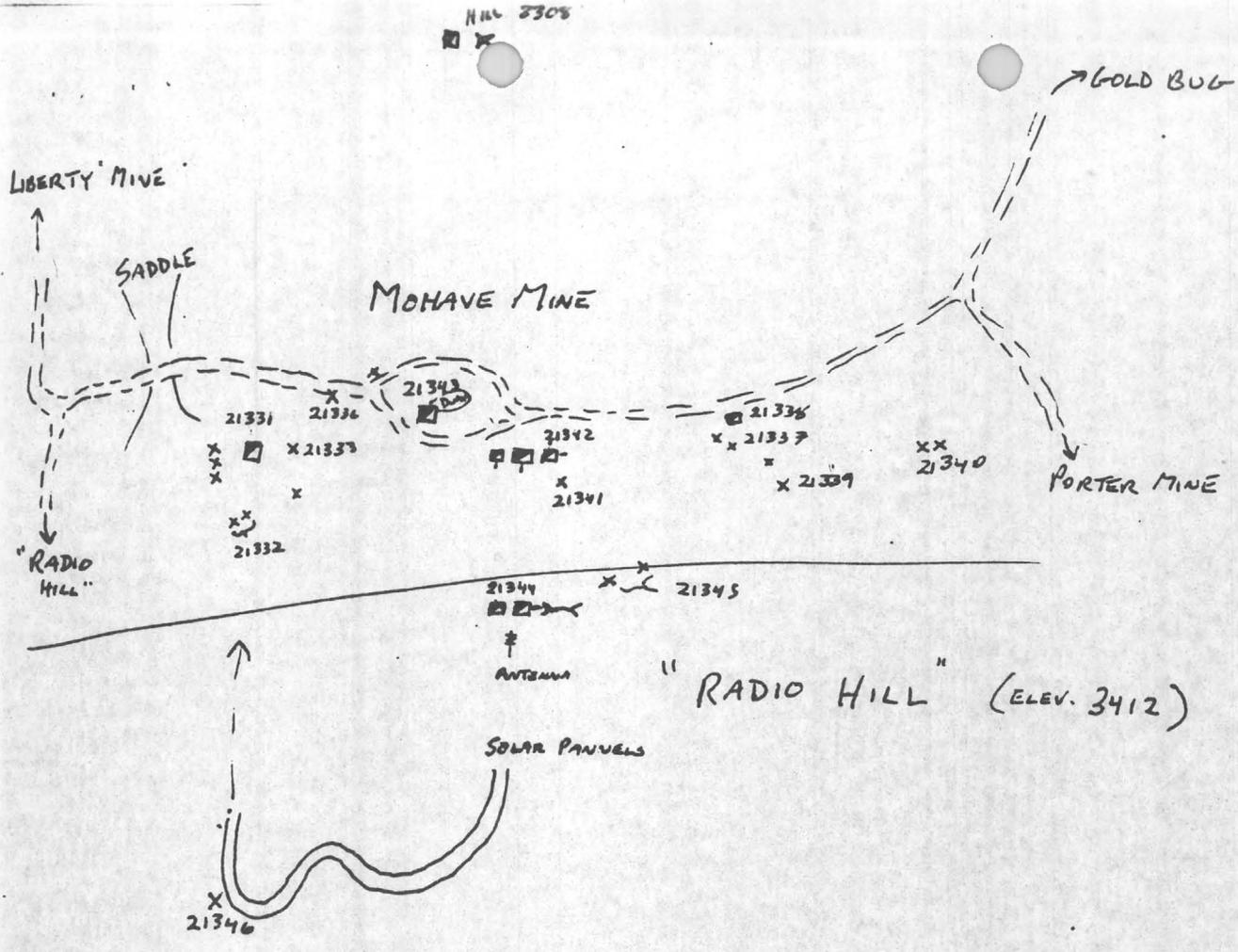
Most sincerely,

A handwritten signature in cursive script that reads "Michael B. Ward".

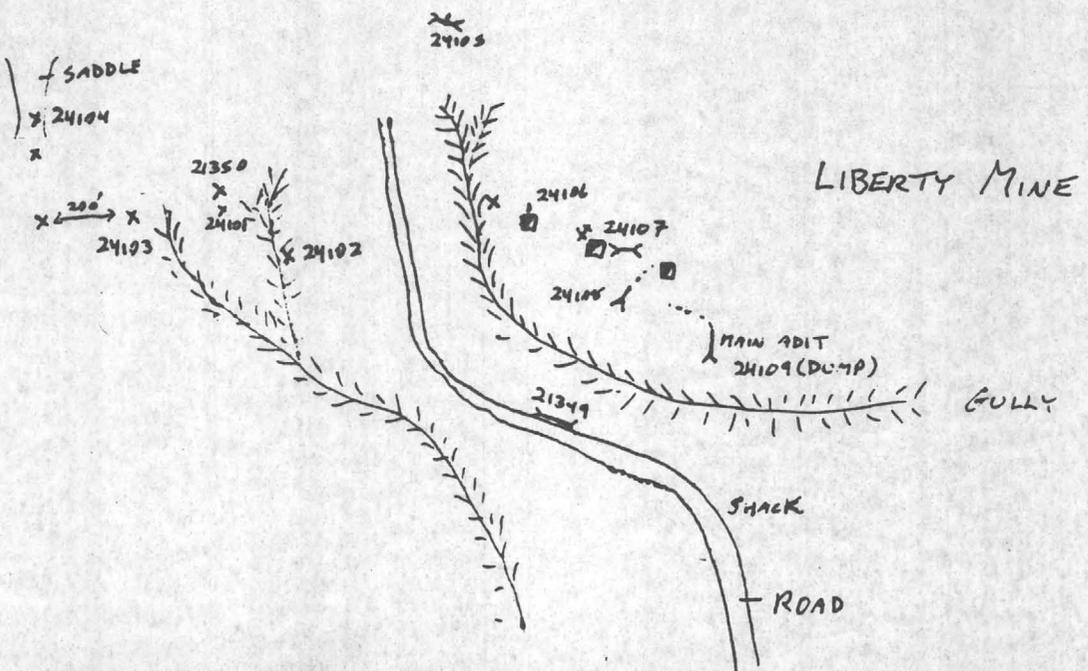
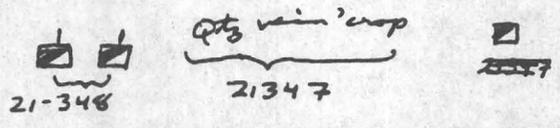
Michael B. Ward  
Geologist

MBW/bjm  
Enclosures





WORKINGS IN SW COR. OF SE  $\frac{1}{4}$  OF "SECTION 33" (SECTION NOT SURVEYED)  
 - ARE IN THE FLATS  $\sim \frac{1}{2}$  MI S OF LIBERTY MINE



TUCSON OFFICE



<u>Sample Number</u>	<u>Au ppm</u>	<u>Ag ppm</u>	<u>Sample Number</u>	<u>Au ppm</u>	<u>Ag ppm</u>
21313	<u>1.4</u>	1	21338	2.3	26
14	0.2	3	39	2.3	2
15	0.1	2	21340	0.1	1
16	0.4	3	41	<u>-0.1</u>	<u>-1</u>
17	<u>0.5</u>	1	42	1.1	16
18	0.1	2	43	<u>13.4</u>	10
19	4.3	4	44	5.0	4
21320	2.2	7	45	2.6	2
21	0.5	1	46	1.3	2
22	<u>6.5</u>	8	47	0.8	8
23	2.3	12	48	1.5	56
24	3.2	17	49	6.6	8
25	0.1	1	21350	3.1	5
26	0.4	1	24101	2.8	3
27	<u>9.8</u>	29	02	1.1	5
28	0.2	1	03	5.2	6
29	<u>9.2</u>	<u>26</u>	04	+20*	7
21330	4.3	4	05	5.5	27
31	3.7	40	06	0.6	3
32	+20 *	+100 *	07	1.0	16
33	0.2	1	08	3.3	22
34	3.1	+100 *	24109	+20 *	+100 *
35	2.3	40	*fire Assays from SLC		
36	4.0	56			
21337	4.0	11			

By Shirley J. Aiken  
Shirley J. Aiken



Sample Number	<u>Cu</u> ppm	<u>Mo</u> ppm	<u>Au</u> ppm	<u>Ag</u> ppm
------------------	------------------	------------------	------------------	------------------

24201

-0.1 -1

02

-0.1 1

03

-0.1 -1

04

-0.1 -1

05

-0.1 1

06

-0.1 -1

07

-0.1 -1

08

-0.1 -1

09

-0.1 -1



Sample Number

Au ppm

Ag ppm

23701

02

03

04

05

06

07

08

09

23710

11

23712

-0.1

0.3

0.8

-0.1

0.9

-0.1

-0.1

-0.1

-0.1

-0.1

-0.1

-0.1

2

1

1

-1

4

-1

1

-1

-1

-1

-1

-1



<u>Sample Number</u>	<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Au ppm</u>	<u>Ag ppm</u>
23713	105	25	40	-0.1	-1
14	310	35	30	-0.1	-1
215	160	30	25	-0.1	-1
16	680	25	35	0.2	-1
17	185	30	45	-0.1	-1
18	50	5	15	-0.1	-1
19	400	20	15	0.7	-1
23720	325	25	10	0.3	1
21	0.12%	50	25	0.6	1
22	245	20	10	0.5	-1
23	455	20	25	0.2	-1
24	80	10	10	-0.1	-1
25	130	20	10	0.2	-1
26	150	25	15	-0.1	-1
27	135	40	15	0.4	-1
28	25	19	15	-0.1	-1
29	110	15	95	-0.1	-1
23730	50	30	125	-0.1	-1
31	10	30	65	-0.1	-1
32	10	25	5	-0.1	-1
33	500	45	55	0.9	13
34	55	20	95	-0.1	1
35	265	25	60	0.1	5
36	70	20	80	-0.1	1
23737	10	-5	15	-0.1	-1



<u>Sample Number</u>	<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Au ppm</u>	<u>Ag ppm</u>
23738	165	90	50	1.2	2
39	300	30	90	-0.1	1
23740	165	25	25	-0.1	1
41	125	20	20	-0.1	-1
42	130	10	20	0.3	2
43	330	15	25	-0.1	-1
44	235	10	10	1.7	3
45	50	-5	15	-0.1	-1
46	180	5	15	1.3	1
47	210	30	20	1.2	2
48	190	40	20	2.0	1
23749	195	85	25	2.5	9
1-0	55	25	95		
100	50	25	80		
200	60	25	80		
300	65	25	90		
400	100	30	120		
500	35	25	95		
600	40	30	90		
700	50	25	80		
800	55	25	85		
900	20	215	20		
1000	60	35	95		
1100	110	40	115		
1-1200	85	25	90		



Date:

Rocky Mountain Geochemical Corp. TUCSON, ARIZONA

	<u>PPM</u>	<u>No</u> <u>PPM</u>	<u>Au</u> <u>PPM</u>	<u>Ag</u> <u>PPM</u>
23607	100	20	3.0	30
08	60	12	-0.1	-1
09	245	25	4.3	24
23610	145	11	14.0 *	23
11	860	1	0.1	4
12	255	1	-0.1	1
13	75	4	-0.1	1
23614	935	19	0.1	5
24201			-0.1	-1
02			-0.1	1
03			-0.1	-1
04			-0.1	-1
05			-0.1	1
06			-0.1	-1
07			-0.1	-1
08			-0.1	-1
09			-0.1	-1
24210			-0.1	1
24159			8.7	2
24160			-0.1	-1
61			-0.1	-1
62			-0.1	-1
63			-0.1	1
64			-0.1	24
24165			-0.1	4



**ROCKY MOUNTAIN GEOCHEMICAL CORP.**

SALT LAKE CITY, UTAH

RENO, NEVADA

TUCSON, ARIZONA

Sample No.	Date	Location	Cu	Pb	Zn	Au	Ag	Hg
21329	4/9/80	VAN DEEMEN				9.2	26	
30	"	"				4.3	4	
31	4/10/80	McHAYE Mine				3.7	40	
32	"	"				+20	+100	
33	"	"				0.2	1	
34	"	"				3.1	+100	
21335	"	"				2.3	40	
36	"	"				4.0	56	
37	"	"				4.0	11	
38	"	"				2.3	26	
39	"	"				2.3	2	
21340	"	"				0.1	1	
41	"	"				-0.1	-1	
42	"	"				1.1	16	
43	"	"				13.4	10	
44	"	"RADAR HILL"				5.0	4	

Sample No.	Date	Location	Cu	Pb	Zn	Au	Ag	Mo
21345	4/10/40	"Rabbit Hill"				2.6	2	
- 46	"	"				1.3	2	
- 47	"	SHAFTS & TUNNELS - 1/2 mi. E. of "Rabbit Hill"				0.8	8	
- 48	"	"				1.5	56	
- 49	"	"LIBERTY" MINE				6.6	8	
21350	"	"				3.1	5	
24101	"	"				2.8	3	
- 02	"	"				1.1	5	
- 03	"	"				5.2	6	
- 04	"	"				+20	7	
- 05	"	"				5.5	27	
- 06	"	"				0.6	3	
- 07	"	"				1.0	16	
- 08	"	"				3.3	22	
24409	"	"				+20	+100	

- #1 RERE EARTH ON MARGIE I
- #2 GOLD CUP ON SIDE OF PILOT KNOB
- #3 GOLD BUG #1 - ORIGINAL ONE
- #4 GOLD BUG #2 - PATENT WARE
- #5 POWER LINE #1 - UNDER IT - INCLINE SHAFT
- #6 RIVER WASH #1
- #7 MOHAVE MINE - 2 INCLINE + 1 SHAFT ON VAINO
- #8 MOHAVE MINE TO WEST DIGGING <sup>FOR</sup> LAST TIME
- #9 SILVER VALLEY MINE + DIGGING NORTH OF POWER  
LINE 
- #10 VANDEMON APT 200 FOOT FROM ROAD  
TUNNEL -
- #11 POWER LINE 2 - ON TOP OF CREST WHERE  
WE GOT STUCK
- #12 VANDEMON - DIGGINGS - TUNEL NEXT TO MAIN  
ROAD
- #13 OLD MARGIE TUNNEL + STOPE - LAST TIME  
24<sup>3</sup> SILVER
- #14 LIBERTY MAIN TUNNEL -
- #15 MARGIE #1 DIGGINGS TO SOUTH AND  
VAINO SHOWING

- 16 - GOLD BUG - 1 - 1 LEVEL -
- 17 - VANDERMON OPEN PIT + TUNNEL WITH WIZ.
- 18 - OLD MARGIE CLAIM - TUNNEL + SHAFT + ORE PILE
- 19 - RED CAP - OFF PARK DISTRICT LINE -
- 20 - OLD MARGI - RANDOM
- 21 - LOBON TUNNEL -
- #02 VANDERMON - OPEN PIT
- 23 - RED CAP AREA - VAIN TO EAST + FRONT
- 24 - MINERAL MONUMENT.
- 25 - LYLE CY - OFF DUMP OR ORE - SHAFT
- 26 - MINERAL MONUMENT - ON TOP HILL EAST OF  
OPEN CUT - - PATENT CLAIMS
- 27 - PORTER MINE TUNNEL
- 28 - RELAY - GOLD BUG AREA BY GOB-UNIT
- 29 - GOLDEND AGE DOBEL - SHAFT 45'
- 30 - PEARL - SHAFT APX - 300 POWER LINE SWERUL PIPE
- 31 - POWER LINE #1 CASTEL -

**HAZEN RESEARCH, INC.**

Mr. Stanley Gertner  
601 E. 9th Street  
Cushing, Oklahoma 74023

4801 INDIANA STREET  
GOLDEN, COLORADO 80401  
TELEPHONE 303/279-4801

Date: January 26, 1979  
HRI Project: 002-52F  
HRI Series: 14859  
Samples Received: 1/5/79

**REPORT OF ANALYSIS**

Analysis No.	Sample Designation	% Cu	% WO <sub>3</sub>	oz/ton Au	oz/ton Ag
14859 -1	1	0.195	<0.01	<0.005	0.539
-2	2	0.044	<0.01	0.326	0.087
-3	3	0.057	<0.01	0.057	1.032
-4	4	0.057	<0.01	0.033	0.161
-5	5	0.007	<0.01	0.077	1.603
-6	6	0.007	<0.01	<0.005	<0.005
-7	7	0.036	<0.01	0.019	1.124
-8	8	0.161	<0.01	0.693	1.713
-9	9	0.084	<0.01	0.265	0.427
-10	10	0.184	<0.01	0.012	1.080
-11	11	0.363	<0.01	1.151	3.546
-12	12	0.082	<0.01	0.201	0.249
-13	13	0.012	0.11	1.229	0.505
-14	14	0.006	<0.01	0.126	0.796
-15	15	0.194	0.02	0.133	9.225
-16	16	0.007	<0.01	<0.005	0.125
-17	17	0.034	<0.01	0.055	0.215

**HAZEN RESEARCH, INC.**



4601 INDIANA STREET  
GOLDEN, COLORADO • 80401  
TELEPHONE 303/279-4801

Mr. Stanley Gertner

Date: January 26, 1979  
HRI Project: 002-52F  
HRI Series: 14859  
Samples Received: 1/5/79

REPORT OF ANALYSIS

Analysis No.	Sample Designation	% Cu	% WO <sub>3</sub>	oz/ton Au	oz/ton Ag
14859 -18	18	0.019	0.08	0.041	16.01
-19	19	0.007	<0.01	<0.005	0.623
-20	20	0.009	0.01	0.009	3.350
-21	21	0.048	0.01	0.041	0.103
-22	22	0.020	0.01	0.238	0.493
-23	23	0.005	<0.01	<0.005	<0.005
-24	24	0.009	0.02	0.080	0.498
-25	25	0.160	0.02	0.095	3.301
-26	26	0.097	<0.01	0.180	0.507
-27	27	0.570	<0.01	0.552	0.363
-28	28	0.258	0.08	0.036	0.149
-29	39	0.047	<0.01	<0.005	0.134
-30	30	0.028	<0.01	0.025	0.203
-31	31	0.234	0.02	0.497	3.751

By: John C. Jarvis  
John C. Jarvis  
Manager, Analytical Laboratory

Sir:

This is an answer to those who have contacted me as a result of my advertisements. I am writing this because my poor health and the busy schedule of the engineer have made it impossible for us to get together. It has also stopped me from doing the hard work of drilling, caterpillar work and grading that I have usually done.

Acting upon the advice of my doctor and the concurrence of my wife I am going to proceed with my plans to sell or lease my claims. In either case the lessee or buyer will assume the responsibility for the necessary assessment work. My wife and I would consider a partnership should all parties concerned come to an agreement.

Now to get down to some of the things you may want to know: There are approximately 400 contiguous unpatented claims belonging to me. There are some six patented claims belonging to a man named Weaver and these six claims he is asking \$500,000.00. The Bureau of Mines wrote a paper on my claims which are surrounded by the above mentioned 6. There are also six unpatented claims held by three private parties all of whom I know. It is possible to acquire these claims for a reasonable amount. I know about every foot for about ten square miles and there are approximately 100 more claims that could be taken for protection. This gives you an idea of areas that make up some 8,000 acres or more. I will now give you my description of each area:

#### AREA I

This part was leased to UTAH International which ran three I.P. drill holes for which I have the logs. There were a number of assessment holes for which I have no logs but do have some air and ground geological surveys. They had a surveyor do over 200 claims as well as mine so some parts have two sets of posts. UTAH was then working on seven others when the price of copper went down and they quit the mines quit deeded them to us. This is recorded in the Kingman Court House. They said they may be interested later on but I have had no further word from them. One of the points that they interested in is a porphyry 3,000 feet wide. A drill hole on it was 484 feet deep and 25-50 feet which produced .03% to .06% ounces of gold per ton. These were the only areas assessed for gold on the log. The sulfides averaged 1 to 5%. A geologist from a large company said the drilling would have to be over 1,000 feet. This area has an oxide zone for 200 feet which showed copper was present at one time. There are some small shafts and diggings in the area. UTAH had hoped to hit it but we believe they didn't go deep enough.

The other two holes were 300 ft. each and there are copper showings in different spots on these claims. We also hit water in three holes which may take care of the water problem. I also have a number of shallow holes but not an assay.

### AREA II (Lobo)

I'm naming each part an area as a point of reference. There are a lot more but I don't have all the information with me. The Lobo claims have a 50' tunnel from which we took five wall assays. They average .05% to .9% oz. of gold and 1/2 oz. silver to the ton, and in the copper you can see the oxides. There were three knowledgeable miners who tried to work it but they ran out of money. I still know one of them and the one who did their drilling. He told me it is about 1500 feet long and 200 feet or more wide and has \$20.00 gold per ton and 1/2 oz. silver and has approximately .75% copper. I took samples in the wash in front of it and got .03 to .06 oz. per ton of gold. This could be a larger deposit but it is an open pit which needs grid work to prove it.

Right next to this is the Van Deemen mine area which is on one end of a fault or slip zone one of which is a mile long. There are shafts, tunnels and even a small open pit. I have taken grab samples off the dump and gotten .2 oz. of gold to the ton. This mine is on the maps and there is a possibility that the washes have placer in them. This would need further development and a lot of work to see what's in it.

### AREA III

*Van Deemen*

This is to the south of the Van Deemen area. There are some large outcroppings of quartz with iron oxide. The shaft hasn't been examined as there are a number of small diggings and some good sized veins showing. This area is on the north end of this slip or fault and, from here over an area of 3/4 mile, are small diggings where I have found silver on the ground and the veins that run east and west into the Gold Cup runs .3 oz. gold and up to 12 oz. silver per ton. When I opened them up there were no roads and I blasted and used a caterpillar to make them. The south end of this contains silver and I got 24 ozs. of what looks like a small ore pile and it had .3 oz. gold. There were also more diggings in this area and the mines looked interesting.

#### AREA IV

Red Cap mine is on it. A shaft with a small vein of borrite with traces of lead as crystals and arsenic. I also sent in some samples and got 12 ozs. silver and  $1\frac{1}{2}$  % strontium per ton. From another and very large out-cropping (over 500 feet) I got .03 ozs. gold per ton. Of course there are a lot of cuts and diggings that I'm not putting in because I don't remember the details of all of them but this area is well-mineralized.

#### AREA V

Lyle Canyon has some old shafts and I got  $1\frac{1}{2}$  ozs. gold per ton off the dumps. This is another fault zone with digging on each side of it. It is over  $\frac{1}{2}$  mile long and had no road until I opened it up.

#### AREA VI

Known as the Gold Bug area, this area has six patented claims-not mine- but I have the original gold bug which wasn't patented and it samples out at 4 ozs. gold per ton. Now around the apex, some 90 acres, I have all the claims and there are diggings all the way around it. There is a mine report on it that was made around 1900 and I have part of it.

To the north is Mohave mine and it is on the map. The vein is approximately two feet wide with three shafts. There are some other shafts and diggings near and there are a number of mineralized veins in the area.

#### AREA VII

(Margarie Claims) I was told that this area is hydro-thermal and should be drilled. It is approximately a 500 foot spot a foot or so showing copper in it. There is also one small lead vein and on one hole I drilled I got rare earths; some grab samples gave me  $1\frac{1}{2}$  ozs. gold and I also got  $\frac{1}{2}$  oz. silver. I also found two nuggets in this area which is rare because the gold is all fine when you find it.

AREA VIII

In order not to make this too long, this area runs to the south of the claims. There are 12 ozs. of silver per ton and large dumps with shafts. There are also rumors of 100 ozs. per ton of silver taken out 30 years ago by Floyd Brown's uncle. There is a silver mine owned by a fellow which we could get for next to nothing or take it by law. This area and the Golden Age mine and Porter have large veins of gas showing. Also there is gold and silver in this area. ???

I could go on and on but the best thing would be for you to call me. Then, after talking, if you are interested I will pick you up in either Las Vegas or Kingman and drive you to see it. The area is 28 miles south of Hoover dam in N.W. Arizona.

I have a cafe called the Boulder Dam on highway 93 so, if you should desire further information, please call or write. I would prefer to have you call.

Thank you for your time and interest!

Sincerely,

Charles R. Kunkes

*Charles R. Kunkes*

% Boulder Inn  
L.V.S.R. Box 270  
Kingman, Arizona 86401  
Phone: (602) 767-3348

CAFE OPEN 7 DAY A WEEK. DOING GOOD  
 CAFE ON HY 93 AZ. 10 AC. DEEDED,  $\frac{1}{2}$  MILE  
 FROM CLAIMS, 3 ROAD TO CLAIMS, HAVE AFX 100 MI.  
 OF ROADS TO DEAD ENDS.  
 CAFE IS 25' X 40' WITH FULL BASEMENT, 670 FRONTAGE  
 ON HY 93. NEW BUILDING NOW USED FOR ROCK SHOP  
 IS A BEAUTIFUL BAR WITH FIREPLACE AND ROCK BAR.  
 HAS ALL EQ TO OPEN IF YOU WISH.

SMALL TRAILER PARK HAS 16 NEW SEWER HOOK UP  
 5 WITH PAD + POWER ROOM FOR MORE.

2 OLD MOTEL ROOMS FOR SLEEPING ROOMS

MOBILE HOME WITH 7' FENCE AFX 1 AC.

HOT HOUSE + FENCED GARDEN.

20 X 30 UNDER GROUND STORE ROOM

10 AC. ARE 10' U AL

ALL EQ TO RUN CAFE GOES A SAME PRICE

POWER LINE IS BACK OF CAFE PHONE ON HY.

PLEANTY OFF GOOD PURE WATER A LARGE PUMP COULD BE USED IF MORE WATER IS NEEDED.

CAFE COULD PAY FOR WATER, FOOD AND 10 AC. PLUS TRAILOR HOOK UP FOR WORKER'S.

BAR FOR OFFICE WHICH IS 2400 SQ FT WITH BATH ROOM'S

I HAVE A OLD AIR DRILL THAT WORKS AND A GRADER. THESE I WISH TO HOLD THE RIGHT TO USE WHEN I NEED THEM. ALSO WATER RIGHTS AS I HAVE 80 AC DOWN THE ROAD. THIS 80 AC. I WILL SELL FOR \$50,000 AFTER FEB OF 81, IF CO. NEED THEM

THAT'S IT.

Mat Mrs. C. R. Kunkles

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 2/25/76 PM

CHARGES: \$5.00

LAB NO. 26189

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Emck Kunkes  
P.O. Box 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

# 2

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	.0007	.003	Lithium			Thallium		
Antimony			Magnesium	0.03	0.10	Thorium		
Arsenic	0.03	0.10	Manganese	.001	.006	Tin		
Barium	.002	.008	Mercury			Titanium	.0006	.002
Beryllium			Molybdenum	.001	.006	Tungsten		
Bismuth	0.05	0.15	Nickel	.0005	.001	Uranium		
Boron			Osmium			Vanadium	.0004	.0009
Cadmium	0.03	0.10	Palladium			Zinc	0.03	0.10
Cesium			Phosphorus			Zirconium		
Chromium	.0006	.002	Platinum	Not detected in sample		RARE EARTHS:		
Cobalt	.0007	.003	Potassium			Cerium		
Columbium			Rhenium			Dysprosium		
Copper	0.30	0.60	Rhodium			Erbium		
Gallium	—	.002	Rubidium			Europium		
Germanium			Ruthenium			Gadolinium		
Gold	.002	.005	Scandium			Holmium		
Hafnium			Silicon (as SiO <sub>2</sub> )	85.0	95.0	Lanthanum		
Indium			Silver	.003	.009	Neodymium		
Iridium			Sodium			Praseodymium		
Iron	5.0	10.0	Strontium			Samarium		
Lead	0.30	0.60	Tantalum			Ytterbium		
			Tellurium	0.01	0.06	Yttrium		

Remarks: This material is an altered Quartz vein of hypogene origin. Iron is present largely as Hematite-limonite and minor Pyrite. Gold is present at up to about 1.5 ounces in the sample submitted and analyzed. Silver is present at about 3.0 ounces per ton.

Respectfully Submitted,

*[Signature]*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

MARGIE #1 NEXT TO GOLD BUG  
AT SOUTH END OF MARIPOSA CLAIM ON SOUTH HILL

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 3/11/76 PM

CHARGES: \$5.00

LAB NO. 26260

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Chuck Kunkes  
L.V.S.R. Box 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

L. V. S. R. E. S. I. O. # 4 L.C. #8  
HOLE 8 16 FEET TO 40 FEET

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum $Al_2O_3$	4.0	8.0	Lithium	.008	0.02	Thallium		
Antimony			Magnesium $MgO$	1.0	3.0	Thorium		
Arsenic			Manganese	0.01	0.06	Tin		
Barium	0.10	0.20	Mercury			Titanium	0.03	0.10
Beryllium			Molybdenum			Tungsten		
Bismuth			Nickel	.0005	.001	Uranium		
Boron			Osmium			Vanadium	.0007	.003
Calcium $CaO$	6.0	12.0	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium	.0008	.004
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	.002	.008	Potassium	0.30	0.60	Cerium		
Cobalt	—	.0004	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	.006	0.02	Rubidium			Europium		
Gallium	.002	.007	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as $SiO_2$ )	55.0	75.0	Lanthanum		
Hafnium			Silver	.0002	.0006	Neodymium		
Indium			Sodium	0.5	1.0	Praseodymium		
Iridium			Strontium			Samarium		
Iron	1.0	3.0	Tantalum			Ytterbium		
Lead	0.01	0.06	Tellurium			Yttrium		

Remarks: This material is a carbonate-silicate formation consisting of Quartz, feldspars, dolomitic limestone and Hematite. Gold was not detected. Silver is present not to exceed 0.18 ounce per ton.

Respectfully Submitted

*Scott D. James*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)

1.0% = 20.0 Lbs. AVOIR.

0.10% = 2.0 Lbs. AVOIR.

0.01% = 3.2 oz. AVOIR.

0.001% = 0.32 oz. AVOIR.

0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 3/28/76

CHARGES: \$5.00

LAB NO. 26359

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Chuck Kunkes  
LVSR Box 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

# 1

*L.A. AREA. TOOK 4 MORE TO CHECK THIS*

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum $Al_2O_3$	0.20	0.40	Lithium			Thallium		
Antimony	.005	0.01	Magnesium	0.03	0.10	Thorium		
Arsenic	0.01	0.04	Manganese	.005	0.01	Tin		
Barium	.006	0.02	Mercury			Titanium	.0007	.003
Beryllium			Molybdenum			Tungsten		
Bismuth			Nickel	.0004	.0008	Uranium		
Boron			Osmium			Vanadium	.0004	.0009
Cadmium	.005	0.01	Palladium			Zinc		
Cesium			Phosphorus			Zirconium		
Chromium	.0006	.002	Platinum	Not detected in sample		RARE EARTHS:		
Cobalt			Potassium			Cerium		
Columbium			Rhenium			Dysprosium		
Copper	.007	0.03	Rhodium			Erbium		
Gallium	—	.002	Rubidium			Europium		
Germanium			Ruthenium			Gadolinium		
Gold	—	.0009	Scandium			Holmium		
Hafnium			Silicon (as SiO <sub>2</sub> )	85.0	95.0	Lanthanum		
Indium			Silver	0.02	0.05	Neodymium		
Iridium			Sodium	0.03	0.10	Praseodymium		
Iron	2.0	4.0	Strontium			Samarium		
Lead	0.10	0.20	Tantalum			Ytterbium		
			Tellurium			Yttrium		

Remarks: This material is principally composed of Quartz, along with very minor Iron in the forms of Pyrite and Hematite. Silver in the sample will assay at from 6.0 to 15.0 ounces per ton. If Gold is present, it is below 9 parts per million, or below 0.25 ounce per ton.

Respectfully Submitted

*Joseph D. Gault*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR.  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 4/15/76 PM

CHARGES: \$5.00

LAB NO. 26452

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Clmek Kunkes  
P. O. Box LVER 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

# 17

*26452*

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	.0007	.003	Lithium			Thallium		
Antimony			Magnesium	.001	.006	Thorium		
Arsenic	0.03	0.10	Manganese	.0008	.004	Tin	---	.002
Barium	---	.0003	Mercury			Titanium	.0006	.002
Beryllium			Molybdenum	.0008	.004	Tungsten		
Bismuth			Nickel	.0005	.001	Uranium		
Boron			Osmium			Vanadium	.0004	.0008
Cadmium	.0008	.004	Palladium			Zinc	0.03	0.10
Cesium			Phosphorus			Zirconium		
Chromium	.0007	.003	Platinum	Not detected in sample		RARE EARTHS:		
Cobalt			Potassium			Cerium		
Columbium			Rhenium			Dysprosium		
Copper	0.08	0.20	Rhodium			Erbium		
Gallium			Rubidium			Europium		
Germanium			Ruthenium			Gadolinium		
Gold	.0009	.001 %	Scandium			Holmium		
Hafnium			Silicon (as SiO <sub>2</sub> )	85.0	95.0	Lanthanum		
Indium			Silver	.001	.003	Neodymium		
Iridium			Sodium			Praseodymium		
Iron	2.0	4.0	Strontium			Samarium		
Lead	0.30	0.60	Tantalum			Ytterbium		
			Tellurium			Yttrium		

Remarks: This material is a mildly altered Quartz vein of hypogene origin, with Galena, Silver at about 1.0 ounce per ton and Gold at about 0.30 ounce per ton.

Respectfully Submitted

*John A. Francis*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR.  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 3/11/76 PM

CHARGES: \$5.00

LAB NO. 26259

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Chuck Kunkes  
L.V.S.R. Box 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

#3 Lyle

Lyle cy. Collected 5/24/76

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum $Al_2O_3$	0.30	0.60	Lithium			Thallium		
Antimony			Magnesium	0.01	0.06	Thorium		
Arsenic	0.01	0.06	Manganese	.006	0.02	Tin	—	.003
Barium	.0004	.0009	Mercury			Titanium	.0007	.003
Beryllium			Molybdenum	—	.0004	Tungsten		
Bismuth	.002	.004	Nickel	.0005	.001	Uranium		
Boron			Osmium			Vanadium	.0005	.001
Cadmium	0.10	0.20	Palladium			Zinc	0.10	0.20
Cesium			Phosphorus			Zirconium		
Chromium	.0007	.003	Platinum	Not detected in sample		RARE EARTHS:		
Cobalt	.0004	.0009	Potassium			Cerium		
Columbium			Rhenium			Dysprosium		
Copper	0.01	0.06	Rhodium			Erbium		
Gallium	—	.002	Rubidium			Europium		
Germanium			Ruthenium			Gadolinium		
Gold	.001	.003	Scandium			Holmium		
Hafnium			Silicon (as SiO <sub>2</sub> )	90.0	95.0	Lanthanum		
Indium			Silver	.002	.006	Neodymium		
Iridium			Sodium	0.10	0.20	Praseodymium		
Iron	2.0	4.0	Strontium			Samarium		
Lead	0.10	0.20	Tantalum			Ytterbium		
			Tellurium			Yttrium		

Remarks: This material is principally composed of Quartz, along with ochreous Hematite and very minor feldspar. Gold is present at about 0.5 ounce per ton. Silver is present at about 1.0 ounce per ton. A fire assay will be required to learn the exact quantities of both Gold and Silver.

Respectfully Submitted

*Joseph W. Davies*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR.  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 3/11/76 PM

CHARGES: \$5.00

LAB NO. 26261

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Chuck Kunkes  
L.V.S.R. Box 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

*THIS IS A GROSS SECTION OF DIGGING*

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	0.03	0.10	Lithium			Thallium		
Antimony			Magnesium	.005	0.01	Thorium		
Arsenic			Manganese	.001	.006	Tin		
Barium	0.20	0.40	Mercury			Titanium	.0006	.002
Beryllium			Molybdenum			Tungsten		
Bismuth	—	.002	Nickel	.0004	.0009	Uranium		
Boron			Osmium			Vanadium	—	.0003
Cadmium	0.03	0.10	Palladium			Zinc		
Cesium			Phosphorus			Zirconium		
Chromium	.0005	.001	Platinum	Not detected in sample		RARE EARTHS:		
Cobalt			Potassium			Cerium		
Columbium			Rhenium			Dysprosium		
Copper	0.01	0.06	Rhodium			Erbium		
Gallium			Rubidium			Europium		
Germanium			Ruthenium			Gadolinium		
Gold	—	.0009	Scandium			Holmium		
Hafnium			Silicon (as SiO <sub>2</sub> )	90.0	98.0	Lanthanum		
Indium			Silver	.0003	.0008	Neodymium		
Iridium			Sodium	0.01	0.04	Praseodymium		
Iron	0.5	1.5	Strontium	.0008	.004	Samarium		
Lead	.008	0.02	Tantalum			Ytterbium		
			Tellurium			Yttrium		

Remarks: This material is principally composed of Quartz along with minor Pyrite and Hematite. Gold is present, but does not exceed 0.25 ounce in the sample analyzed. Silver is present at about 0.20 ounce per ton.

Respectfully Submitted

*Joseph J. Jones*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR.  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

CHARGES: \$5.00

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

LAB NO. 26360

Telephone (209) 966-2591

Date 3/28/76

SUBMITTED BY:

## Qualitative Spectrographic Analysis

Chuck Kunkes  
LVSR Box 970  
Kingman, Arizona 86401

ELEMENTS FOUND  
AND ESTIMATED PERCENTAGE RANGE  
OF CONCENTRATION

SAMPLE MARK

MIXED OFF BARIUM VEIN BY SHAT AND LILAC COLOR ROCK # 2

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum $Al_2O_3$	0.20	0.40	Lithium	0.01	0.06	Thallium		
Antimony			Magnesium	0.15	0.30	Thorium		
Arsenic	0.03	0.10	Manganese	.0007	.003	Tin		
Barium major constituent			Mercury	0.05	0.15	Titanium	.0007	.003
Beryllium			Molybdenum	.005	0.01	Tungsten		
Bismuth			Nickel	—	.0002	Uranium		
Boron			Osmium			Vanadium	.0005	.003
Calcium CaO	2.0	4.0	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	.001	.006	Potassium	0.01	0.06	Cerium		
Cobalt			Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	.0004	.0009	Rubidium			Europium		
Gallium			Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Not detected in sample			Silicon (as SiO <sub>2</sub> )	0.30	0.60	Lanthanum		
Hafnium			Silver	.001	.003	Neodymium		
Indium			Sodium	0.02	0.08	Praseodymium		
Iridium			Strontium	0.5	1.5	Samarium		
Iron	0.15	0.30	Tantalum			Ytterbium		
Lead	0.5	1.5	Tellurium			Yttrium		

Remarks: This material is principally composed of Barium-sulphate (Barite), along with both primary and secondary Lead in the forms of Galena and Massicot. Mercury is present as Cinnabar. Arsenic is present as Realgar and possibly Orpiment. Silver is present at about 1.0 ounce per ton.

Respectfully Submitted,

*Chuck Kunkes*

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)  
1.0% = 20.0 Lbs. AVOIR.  
0.10% = 2.0 Lbs. AVOIR.  
0.01% = 3.2 oz. AVOIR.  
0.001% = 0.32 oz. AVOIR.  
0.0001% = 0.032 oz. AVOIR.

My price for these Claims (360 in all) is 1,000,000.00 to be paid within a ten (10) year period. Anyone wishing to see these Claims may call me at the below phone number listed on the bottom of this letter. If you are interested, I will take you out and show them to you. You may take samples if you so desire. After seeing them, I will produce copies of all information I have on them, after which we can work out a suitable payment deal for these Claims. The Claims are all recorded with the B.L.M. and the Mohave County Courthouse. All paperwork is up to date.

So if you are interested, please call me and I will give you all the information I have on these Claims.

Thank you,

*Charles R. Kunkes*

CHARLES R. KUNKES  
PH: (602) 767-3348

NO COLLECT CALLS PLEASE

Dear Sir:

I am slow in answering your \_\_\_\_\_ due to the fact we have had a death in the family and other drawbacks.

The Claims previously mentioned are located in Northwestern Arizona, approximately 28 miles South of Hoover Dam. We live near the 28 Mile marker from the Dam and have a Cafe on the premises on the right side of Highway 93.

There are 360 Claims in one Block and they are located directly behind our residence and cafe where we have a good well and power. The closest Claim is 1/2 mile from our place, and a mile could be added to it. The area was worked until 1942 when they were closed down by Order of the President.

There are over twenty (20) mines in the area and as many as two hundred (200) diggings. I have gotten assays up to 24 oz of Silver and 1-1/2 oz of Gold. Some miners have worked one area and have gotten 4 oz of Gold. Before they were closed by Order of the President in 1942 they had removed highs of 20 oz of Gold and 100 oz of Silver. I have been unable to get all my sample assays completed as I am having a time getting them done with my drill and grader.

There are three (3) possible open pits and at least 5 hard rock ~~mines~~ <sup>MINES</sup> that could be started. Other things I have found were Strontium, Rear Eaths and a possible Copper molly deposit, that will take deep drilling. We also have water in three (3) drill holes.

This property is so vast that I am unable to do anything with it as my health will not permit me to work these mines.

Van Beeman

VANDEMON Dump's Comp  
A.A.

AU	.031	OZ PER TON
AG	.096	OZ PER TON
MO.	TRACE	
W.	NIL	
V.	TRACE	
CU.	0.0021	%
CO.	0.0016	%
CR.	TRACE	
PB.	0.0031	%
MN.	0.0022	%
PT.	NIL	
ZN	0.0040	%
Hg.	TRACE	
Ni.	0.0063	%
FE.	0.0112	%

(panning showed via Au.)

ORE pH. 7.4 <sup>SLIGHTLY</sup> ALK

"LEACH TEST 3 pounds MINE RUN COMP"

H<sub>2</sub>O COMP. 100 ML PER LITER PER 3 pounds ORE USING 0.05% C.N.

SOL = 1.06 ppm AU, 0.85 ppm AG IN 3.5 HRS. NACN SOL

THRU ORE VERY good. very low RETENTION TIME

## Geology

A very complete study of the geology of Mohave County appears in Bulletin 397 of the U.S. Geological Survey, 1909, Particular mention being made of the Gold Bug Mine on Pages 217 and 218.

Another quotation from this same report, beginning page 48, paragraph 2, is also interesting, remembering that the Gold Bug Mine is in the Black Mountains of Mohave County, as follows:

"The veins of the Black Mountains are filled fissure veins, with a general Northerly, or Northwesterly strike, and steep dip. The fissure filling is quartz, adularia, and calcite, and in many cases there is evidence that the first two minerals have replaced the calcite, probably through the medium of hot solutions. The values are almost exclusively in gold which, as a rule, is finely divided and can best be recovered by the cyanide process. The quartz filling contains many inclusions of the country rocks. The veins cut through the great mass of Tertiary volcanic rocks which characterize the range but undoubtedly continue to depth into the underlying pre-Cambrian granitic rocks. The oxidation extends to a depth of 600 or 700 feet, and as a rule, no sulphides are found. The water level is at least 700 feet below the surface. These deposits have suffered comparatively little erosion since their deposition. They bear evidence of having been formed rather close to the surface by hot waters which ascended through the lavas at the close of igneous activities."

The above was copied from the Bulletin referred to above.

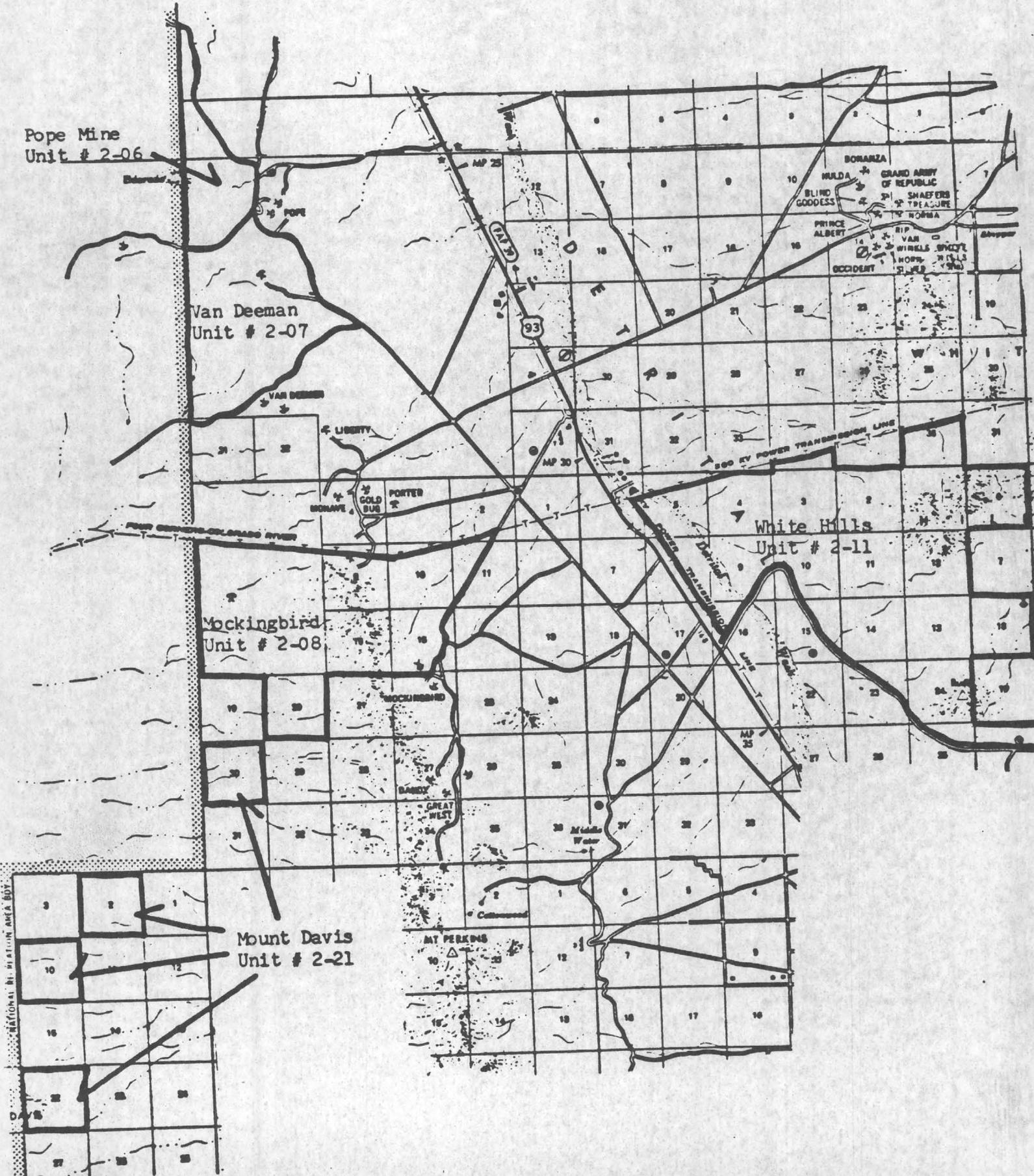
Pope Mine  
Unit # 2-06

Van Deeman  
Unit # 2-07

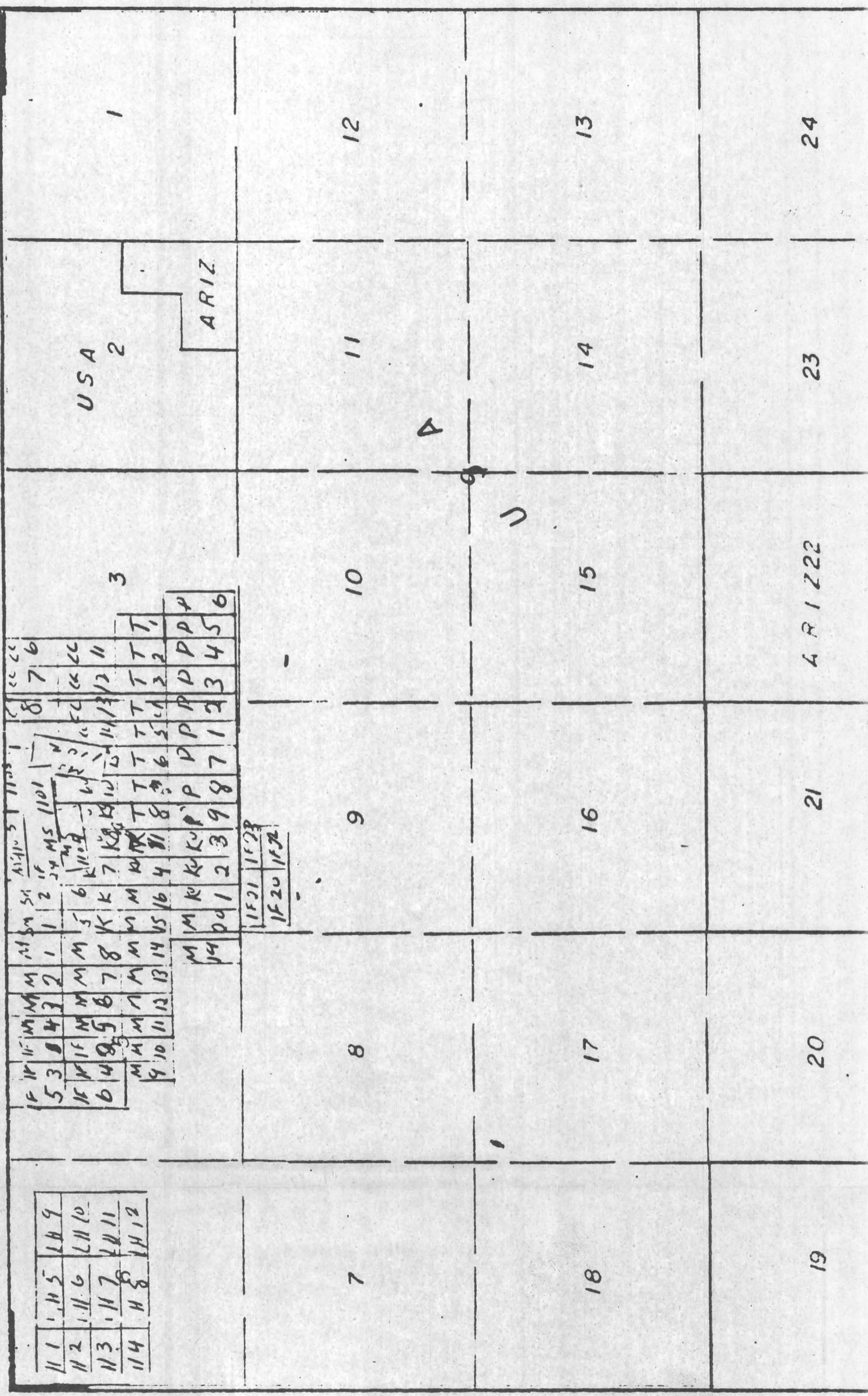
Mockingbird  
Unit # 2-08

Mount Davis  
Unit # 2-21

White Hills  
Unit # 2-11



# TOWNSHIP 26N RANGE 21W

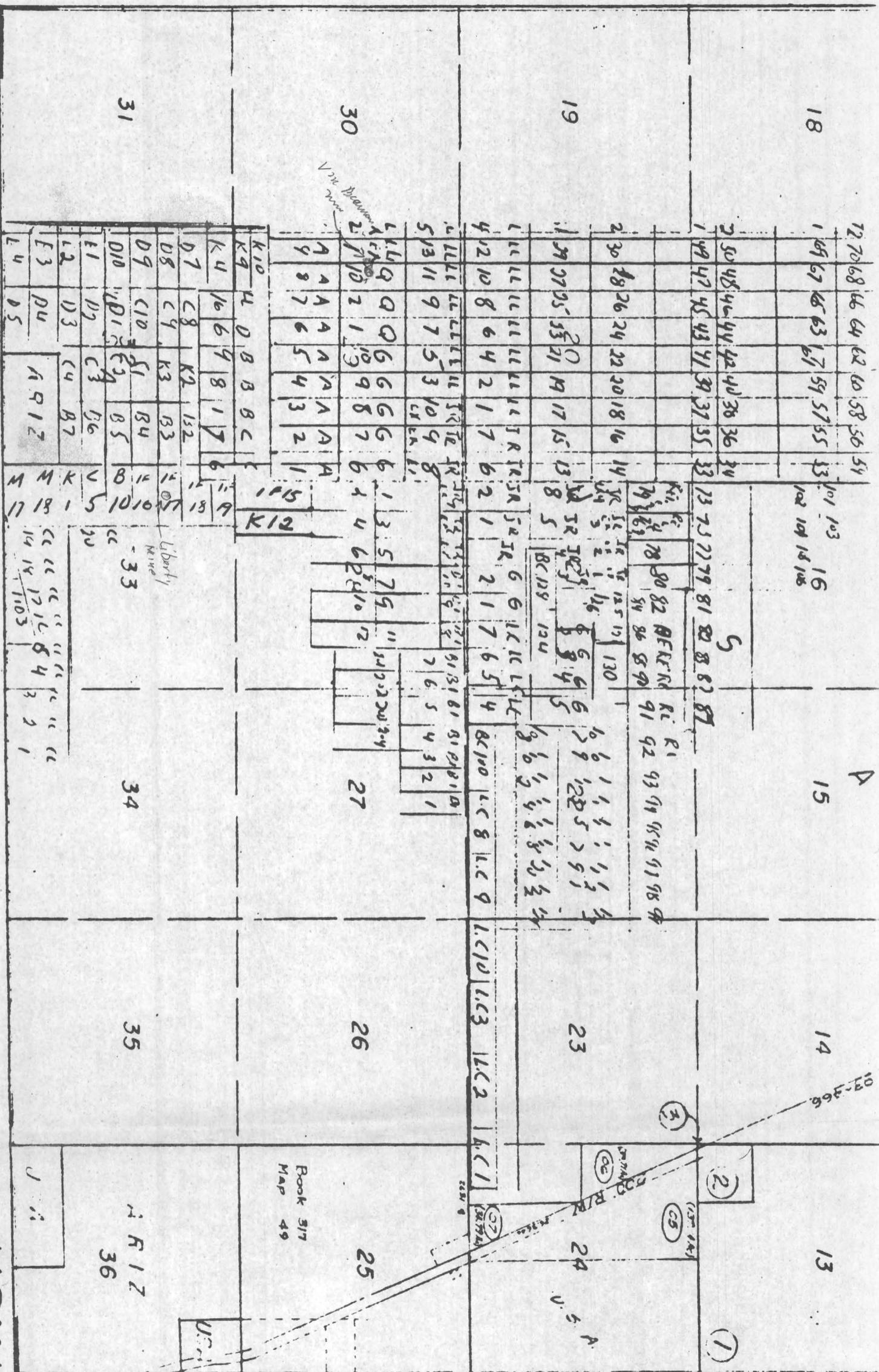


111	1115	1119
112	1116	1110
113	1117	1111
114	1118	1112

IF 53	IF 4	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24	M 25	M 26	M 27	M 28	M 29	M 30				
IF 6	IF 8	IF 9	IF 10	IF 11	IF 12	IF 13	IF 14	IF 15	IF 16	IF 17	IF 18	IF 19	IF 20	IF 21	IF 22	IF 23	IF 24	IF 25	IF 26	IF 27	IF 28	IF 29	IF 30	IF 31	IF 32	IF 33	IF 34	IF 35	IF 36	IF 37	IF 38	IF 39	IF 40		
IF 5	IF 6	IF 7	IF 8	IF 9	IF 10	IF 11	IF 12	IF 13	IF 14	IF 15	IF 16	IF 17	IF 18	IF 19	IF 20	IF 21	IF 22	IF 23	IF 24	IF 25	IF 26	IF 27	IF 28	IF 29	IF 30	IF 31	IF 32	IF 33	IF 34	IF 35	IF 36	IF 37	IF 38	IF 39	IF 40

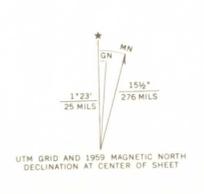
1F21	1F22
1F20	1F23

27 N-21W





Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1954. Field check 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on Arizona coordinate system,  
west zone and Nevada coordinate system, east zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 11, shown in blue  
Dashed land lines indicate approximate locations  
Land lines unsurveyed in T. 27 and 28 S.-R. 66 E.,  
and parts of T. 25 N.-R. 22 W and T. 26 and 27 N.-R. 21 W.



**ROAD CLASSIFICATION**

- Medium-duty (solid line)
- Light-duty (dashed line)
- Unimproved dirt (dotted line)
- U.S. Route (thick solid line)
- State Route (thin solid line)

**QUADRANGLE LOCATION**

**MT. PERKINS, ARIZ.-NEV.**  
N3530-W11430/15  
1959  
AMS 3055 II-SERIES V798

