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Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
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PRINTED: 08/07/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: GRANITE BLUFF

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 913

LOCATION: TOWNSHIP 17 S RANGE 23 E SECTION 2 QUARTER C
LATITUDE: N 31DEG 58MIN 35SEC LONGITUDE: W 109DEG 57MIN 54SEC
TOPO MAP NAME: COCHISE STRONGHOLD - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
- BERYLLIUM
- COPPER
- TUNGSTEN
- GOLD

BIBLIOGRAPHY:
- ADMMR GRANITE BLUFF FILE

08/25/92

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ADMMR GRANITE BLUFF FILE

| NUMBER | FILE | CONT | CONT1 | PRINAME |
|---|---|---|---|---|
| 913 | F | 0 | N | GRANITE BLUFF |

| ALTNAME1 | ALTNAME2 |
|---|---|
| ALTNAME3 | ALTNAME4 |
| ALTNAME5 | ALTNAME6 |

| CURSTAT | MNAME | NLATDEG | NLATMIN |
|---|---|---|---|
| UNKNOWN | COCHISE STRONGHOLD - 7.5 MIN | 31 | 58 |

| NLATSEC | WLONGDEG | WLONGMIN | WLONGSEC | TOWN | RANGE | SECTION | QUARTER | COM1 |
|---|---|---|---|---|---|---|---|---|
| 35 | 109 | 57 | 54 | 17 S | 23 E | 2 | C | BE |

| MODI1 | COM2 | MODI2 | COM3 | MODI3 | COM4 | MODI4 |
|---|---|---|---|---|---|---|
| | CU | | W | | AU | |

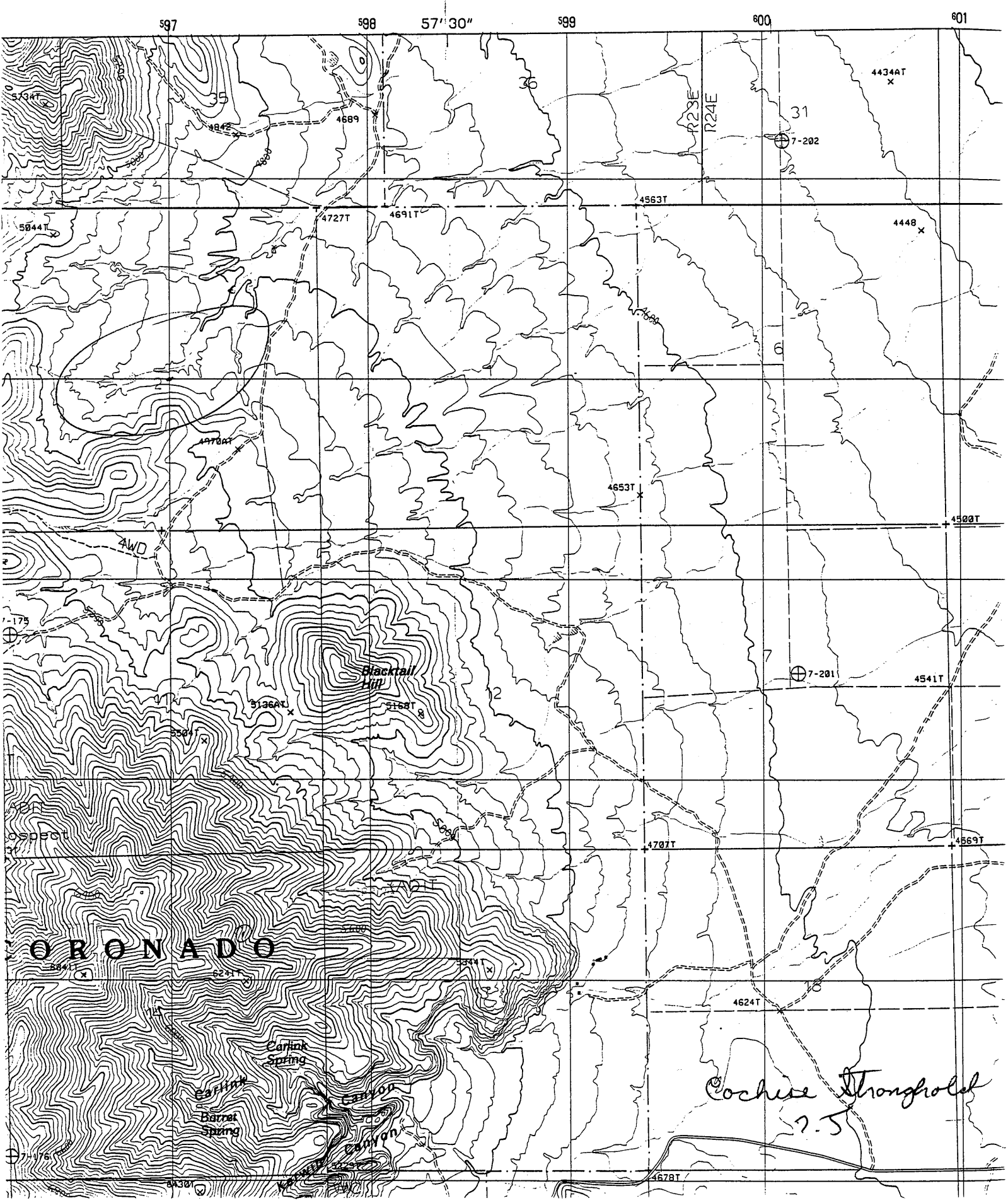
| COM5 | MODI5 | COM6 | MODI6 | COM7 | MODI7 |
|---|---|---|---|---|---|
| | | | | | |

BIB1
ADMMR GRANITE BLUFF FILE

BIB2

BIB3

BIB4



597
598
57' 30"
599
600
601
4434AT
R23E
R24E
31
7-202
35
36
4689
4842
4563T
4727T
4691T
5044T
4448
6
4970AT
4653T
4500T
4WD
7-175
Blacktail Hill
7
7-201
4541T
12
5136AT
5168T
5504T
4707T
4569T
CORONADO
6841T
6241T
5344T
4624T
Carlink Spring
Carlink Canyon
Barret Spring
Canyon
7-176
4678T
Cochise Stronghold
7.5

GRANITE BLUFF MINE COCHISE COUNTY

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WR MG 1-17-80: Visited Mrs. Ruth Compton, 1101 Christmas Lane,(P.O. Box 552), Pearce, Arizona 85625, phone 826-3433, and investigated her Granite Bluffs beryllium claims in Sec. 2, T17S, R23E (Dragoon Mtns.) Cochise County. The unpatented claims cover a tactite zone of metamorphased limestone characterized by interbedded marble and garnetite. Magnetite is common as are quartz stringers. Some samples taken by Compton in the garnet-rich and magnetite-rich zones show a spectrographic assay of 10-15% Be. A chemical (?) analysis by the Kawecki Berylco Industries Inc. showed only 1.5% Be and the beryllium mineral was tentatively identified as helvite. Helvite does occur commonly in tactite mineralization but currently it is not a major ore - bertrandite contains much more beryllium. I took some grab samples and will try to locate a local assayer of beryllium.

---

1/7/80

Dept of Mineral Resources
Mineral Bldg Fairgrounds
Phoenix Az 85007

RECEIVED
JAN 8 1980
DEPT. MINERAL RESOURCES
PHOENIX, ARIZONA

Mr John H Jett
Dear Sir;

So far I haven't heard from Mike Greely. We arrived home a day later than we planned so he probably called before we got here.

Would like to set up the claims to suit the State land dept. so I can get mineral leases on them.

I will bring the beryl-beryllium samples to you about the 15th of Jan. Will probably have to change the cast on my daughters leg about that time.

I am sending you the spectrographic analysis reports to you so you can

look at them. They are from an area we have claims on. Not far from Pearce in the Dragoons. They are next to claims on limestone that Mr Hernandez has.

Would like to show you the area when you come down here.

Sincerely

R M Compton
PO Box 522
Pearce Az 85625

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338
Telephone (209) 966-2591

CHARGES: $15.00(incl. Au-Ag assay)
LAB NO. 31076
SUBMITTED BY:

. Compton
101 Christmas Tree Lane
arce, Arizona 85625

Date 4/20/79

## Qualitative Spectrographic Analysis

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK
"Granite Bluff"

| ELEMENT | Not Less Than % | Not More Than % | ELEMENT | Not Less Than % | Not More Than % | ELEMENT | Not Less Than % | Not More Than % |
|---|---|---|---|---|---|---|---|---|
| Aluminum $Al_2O_3$ | 8.0 | 15.0 | Lithium | | | Thallium | | |
| Antimony | | | Magnesium MgO | 0.30 | 0.60 | Thorium | | |
| Arsenic | | | Manganese | 0.01 | 0.06 | Tin | .005 | 0.01 |
| Barium | .0007 | .003 | Mercury | | | Titanium | .0007 | .003 |
| Beryllium | 8.0 | 15.0 | Molybdenum | .0008 | .004 | Tungsten $WO_3$ | 0.15 | 0.30 |
| Bismuth | 0.30 | 0.60 | Nickel | | | Uranium | | |
| Boron | | | Osmium | | | Vanadium | .0007 | .003 |
| Calcium CaO | 4.0 | 8.0 | Palladium | | | Zinc | 0.02 | 0.08 |
| Cadmium | | | Phosphorus | | | Zirconium | | |
| Cesium | | | Platinum Not detected in sample | | | RARE EARTHS: | | |
| Chromium | .0002 | .0006 | Potassium | 0.5 | 1.5 | Cerium | | |
| Cobalt | | | Rhenium | | | Dysprosium | | |
| Columbium | | | Rhodium | | | Erbium | | |
| Copper ✓ | 0.5 | 1.0 | Rubidium | | | Europium | | |
| Gallium | .005 | 0.01 | Ruthenium | | | Gadolinium | | |
| Germanium | | | Scandium | | | Holmium | | |
| Gold Not detected in sample | | | Silicon (as SiO2) | 1.0 | 3.0 | Lanthanum | | |
| Hafnium | | | Silver | .0001 | .0004 | Neodymium | | |
| Indium | | | Sodium | 0.03 | 0.10 | Praseodymium | | |
| Iridium | | | Strontium | | | Samarium | | |
| Iron $FeO/Fe_2O_3$ major constituent | | | Tantalum | | | Ytterbium | | |
| Lead | .008 | 0.04 | Tellurium | | | Yttrium | | |

Remarks: This material is principally composed of Iron in the mineral form of Magnetite(FeO) along with considerable Beryllium, possibly in the mineral form of Bromellite. You also have some Tungsten in the mineral form of scheelite.

Respectfully Submitted

[signature] (Spectrographer)
MARIPOSA SPECTROGRAPHIC LABORATORY

Percent to ton (2,000 lbs.)
% = 20.0 Lbs. AVOIR.
% = 2.0 Lbs. AVOIR.
% = 3.2 oz. AVOIR
% = 0.32 oz. AVOIR.
01% = 0.032 oz. AVOIR.

# Mariposa Spectrographic Laboratory

Mariposa, California 95338 Telephone 966-2591

## ASSAY REPORT

Submitted By: R. Comptom
1101 Christmas Tree Lane
Pearce, Arizona 85625

Charges: $15.00-Paid $18.00-Credit $3.00
Includes spectrographic analysis.

Date: April 9, 1979

| Lab. No. | Sample Mark | Per Ton of 2000 Pounds | | | | % Other Metals |
|---|---|---|---|---|---|---|
| | | GOLD | | SILVER | | |
| | | Ounces | @ $240.00 | Ounces | @ $. 7.30 | |
| -2306 | Granite Bluff | 0.015 | $3.60 | Trace | —— | |

Note: The spectrographic analysis of your sample will follow as soon as possible,

Thank you

4/20/79 mailed ore for Gold + Silver assay
3.00 Credit 4.00 ck RC

Remarks:

lcc

ton (2,000 lbs.)
= 20.0 Lbs. AVOIR.
= 2.0 Lbs. AVOIR.
% = 3.2 oz. AVOIR.
1% = 0.32 oz. AVOIR.
001% = 0.032 oz. AVOIR.

By: John G. Fulham
jpf/msl Assayer-Chemist

LABORATORY REPORT

# Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338
Telephone (209) 966-2591

CHARGES: $10.00
LAB NO. 31942
SUBMITTED BY:

. M. Compton
. O. Box 522
earce, Arizona 85625

Date 11/29/79

## Qualitative Spectrographic Analysis

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

No mark

| ELEMENT | Not Less Than % | Not More Than % | ELEMENT | Not Less Than % | Not More Than % | ELEMENT | Not Less Than % | Not More Than % |
|---|---|---|---|---|---|---|---|---|
| Aluminum $Al_2O_3$ | 8.0 | 15.0 | Lithium | | | Thallium | | |
| Antimony | | | Magnesium MgO | 0.15 | 0.30 | Thorium | | |
| Arsenic | | | Manganese | 0.03 | 0.10 | Tin | .005 | 0.01 |
| Barium | .0007 | .003 | Mercury | | | Titanium | .0007 | .003 |
| Beryllium | 5.0 | 10.0 | Molybdenum | .0008 | .004 | Tungsten $WO_3$ | 0.03 | 0.10 |
| Bismuth | 0.10 | 0.20 | Nickel | | | Uranium | | |
| Boron | | | Osmium | | | Vanadium | .001 | .006 |
| Calcium CaO | 4.0 | 8.0 | Palladium | | | Zinc | | |
| Cadmium | | | Phosphorus | | | Zirconium | | |
| Cesium | | | Platinum | Not detected | | RARE EARTHS: | | |
| Chromium | .0005 | .001 | Potassium | 0.10 | 0.20 | Cerium | | |
| Cobalt | | | Rhenium | | | Dysprosium | | |
| Columbium | | | Rhodium | | | Erbium | | |
| Copper | 0.05 | 0.15 | Rubidium | | | Europium | | |
| Gallium | .005 | 0.01 | Ruthenium | | | Gadolinium | | |
| Germanium | | | Scandium | | | Holmium | | |
| Gold | Not detected | | Silicon (as SiO2) | 8.0 | 15.0 | Lanthanum | | |
| Hafnium | | | Silver | .00008 | .0004 | Neodymium | | |
| Indium | | | Sodium | 0.03 | 0.10 | Praseodymium | | |
| Iridium | | | Strontium | | | Samarium | | |
| Iron $FeO/Fe_2O_3$ | major constituent | | Tantalum | | | Ytterbium | | |
| Lead | .006 | 0.02 | Tellurium | | | Yttrium | | |

Remarks: This material is principally composed of Iron in the mineral form of Magnetite(FeO), along with considerable Beryllium, possibly in the mineral form of Chrysoberyl. Some Gypsum is also present along with Quartz, and other elements as shown.

Respectfully Submitted

(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.

REED ENGINEERING
2166 COLLEGE AVENUE
COSTA MESA, CALIF. 92627

# CERTIFICAT OF ANALYSIS

## SEMI-QUANTITATIVE SPECTROGRAPHIC

Date: MAR 1 4 1979

Sample:

R. Compton
1101 Christmas Tree Ln
Pearce, AZ 85625

| | Percent | Lbs. per ton |
|---|---|---|
| Aluminum | .8 | 16 |
| Antimony* | | |
| Arsenic* | | |
| Barium | | |
| Beryllium | | |
| Bismuth | | |
| Boron* | | |
| Cadmium | | |
| Calcium | 6.9 | 138 |
| Carbon* | d | |
| Cesium | | |
| Chromium | | |
| Cobalt | | |
| Columbium | | |
| Copper | 10.5 | 210 |
| Fluorine | | |
| Gallium | | |
| Germanium** | | |
| Gold** | | |
| Hafnium | | |
| Indium | | |
| Iridium** | | |
| Iron | 24.4 | 488 |
| Lead | .01 | .2 |
| Lithium | tr | |
| Magnesium | .04 | .8 |
| Manganese | .2 | 4 |
| Mercury* | | |
| Molybdenum | .03 | .6 |
| Nickel | | |
| Palladium | | |
| Phosphorus* | | |
| Platinum** | | |
| Potassium | .1 | 2 |
| Rhenium** | | |
| Rhodium** | | |
| Rubidium** | | |
| Ruthenium** | | |
| Scandium** | | |
| Silicon* | d | |
| Silver | | |

| | Percent | Lbs. per ton |
|---|---|---|
| Sodium | 2.8 | 56 |
| Strontium | .03 | .6 |
| Sulfur* | d | |
| Tantalum | | |
| Tellurium* | | |
| Thallium | | |
| Thorium | | |
| Tin | | |
| Titanium | .01 | .2 |
| Tungsten | | |
| Uranium | | |
| Vanadium | | |
| Zinc | 6.5 | 130 |
| Zirconium | | |
| **RARE EARTHS** | | |
| Cerium | | |
| Dysprosium | | |
| Erbium | | |
| Europium | | |
| Gadolinium | | |
| Holmium | | |
| Lanthanum | | |
| Neodymium | | |
| Lutecium | | |
| Praseodymium | | |
| Samarium | | |
| Terbium | | |
| Thulium | | |
| Ytterbium | | |
| Yttrium | | |

Carbon, Silicon, Volatiles, Gases: total remaining percentage.
*Special test w/o percentage
**Small amounts not detected
tr: Trace amount detected
d: Detected in sample

Granite Bluff

REED ENGINEERING
2166 COLLEGE AVENUE
COSTA MESA, CALIF. 92627

# CERTIFICATE OF ANALYSIS

R. Compton
1101 Christmas Tree Ln
Pearce, AZ 85625

DATE MAR 1 4 1979 19

## Assay

| Ore Sample No. | Gold-Oz/Ton | Silver-Oz/Ton |
|---|---|---|
| Ord | .79 | 2.81 |

R. Reed

ASSAYER