



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
3550 N. Central Ave, 2nd floor  
Phoenix, AZ, 85012  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

The following file is part of the Cambior Exploration USA Inc. records

#### **ACCESS STATEMENT**

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

#### **CONSTRAINTS STATEMENT**

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

#### **QUALITY STATEMENT**

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

# DEKALB Mining, Inc.

MEMOTO: J. B. Imswiler

DATE: January 19, 1982

FROM: K. M. Emanuel

SUBJECT: The Red Bluff and Gold Bar Properties, Yavapai County, Arizona

## Location:

The Gold Bar and Red Bluff mines are situated in the Black Rock district of southern Yavapai County, Arizona. The Gold Bar properties are reached by travelling 17 miles (27 km) northeast from Wickenburg on the Old Constellation Road. Access to the Red Bluff properties presently involves travel over seven miles of winding dirt road that branches from the Constellation road at a point 15 miles from Wickenburg. The two properties are within 1.5 miles of each other, being separated by a narrow ridge (see Map). The Red Bluff area was mapped and sampled by K. M. Emanuel and D. J. Wronkiewicz on July 11, 1981; the Gold Bar properties were visited by G. A. Parkison and J. B. Imswiler on June 25, 1981, and by K. M. Emanuel and G. A. Parkison on December 12, 1981.

## Geology:

The Gold Bar-Red Bluff area is underlain by Precambrian Bradshaw granite and Yavapai schist. Numerous post-Precambrian diorite and diabase dikes and a few small bodies of intrusive andesite and rhyolite crosscut the Precambrian lithologies. Two persistent systems of faults and fractures characterize the local structure; one group trends about N 70° E, the other system trends approximately N 30° W. Most of the mineralized fissures in the area belong to the group that bears N 30° W.

## Red Bluff Properties

### Mineralization:

The mineralization at the Red Bluff properties is within two major (approximately N 30° W bearing) fissures that are 200 to 400 feet apart. Locally abundant smaller subparallel veins and crossfractures (approximately N 70° E bearing) occur between and adjacent to the larger structures. The two principal veins are between two and forty feet wide (average -8') with lengths of 2000 and 3000 feet. At least one major crossfracture attains a thickness of eight feet. The mineralization occurs as highly oxidized veins and dissemination of quartz and hematite, with locally abundant (up to 3%) oxidized copper minerals (Mal. - Chrys. - Azur.); no sulfide minerals were observed. A nine-foot chip across a zone of veining and altered granite assayed 0.155 oz/t Au (X-609, X610). A more diffuse 40 foot zone assayed 0.03 oz/t Au (X-614). These samples are on a vein segment that is 1000' long with an average width of twenty feet. Assuming a 100 foot depth of mineralization 154,000 tons of ore may be present between these two points, and ore extensions are probable both laterally and vertically.

The Red Bluff and Gold Bar Properties  
K. M. Emanuel  
January 19, 1982  
Page Two

Those veins appear to be on trend with a group of large breccia pipes (?) on the Gold Bar properties about 1.5 mile to the northwest (see below). The major veins and the locally abundant small structures between and adjacent to them may be amenable to mining by open pit methods. The property has been operated in a small way within the last few years by Red Bluff Mines, Inc., of Phoenix, Arizona. A small leach pad was constructed, but does not appear to have been utilized. Their activities seem to have been largely confined to road building and abundant trenching. Further sampling is recommended, as well as more detailed mapping studies utilizing any color areal photo coverage that may be available (the veins can be traced as low red outcrops and reddish soil zones). Special attention should be given to crossfracture identification as guides to possible pipe-like ore shoots.

#### Land Status:

Much of the ground is covered by a group of twelve contiguous patented lode claims, shown with current ownership status, on the attached land plats. Some ground is open on the southeastern end of the area of heaviest veining as well as to the northeast and southwest.

#### Conclusions and Recommendations:

The Red Bluff properties shows some potential as a low-grade high tonnage deposit. Pipe-like ore bodies at major fracture intersections may also be present. This vein swarm is on trend with a group of breccia pipes near the Gold Bar mine (see large map). The owners of the Red Bluff patents should be contacted with reference to their properties. Peripheral areas might be staked if further mapping shows this to be justified (20 to 25 claims).

#### Gold Bar Properties

The Gold Bar mine has exploited a mineralized breccia pipe that occurs within a group of six closely spaced similar, but generally larger, structures. The deposit has been described in numerous geological and engineering reports supplied to G. A. Parkison and J. B. Imswiler on June 25, 1981, by Steve Ivanov, the owner of the property. The ore body is 40 by 60 feet in section and is relatively uniform in dimension down to the 300 foot level. The deposit has produced around 20,000 tons of 0.6 oz/t Au with a similar tonnage remaining above a reputed faulted lower extension. Drilling has shown several 10' intercepts of 0.11 to 0.66 oz/t Au and a number of lower grade shows in the supposed lower extensions of the ore body. Several undeveloped pipe-like bodies within 600' of the main #1 pipe may contain as much as 1 Mt each of ore above the lowest level of development at the Gold Bar mine (700'). Several other larger pipes are shown on the accompanying map from Ivanov's data package. Recent (1-15-82) communications with the owner by G. A. Parkison has advised us that the property is open and that we are free to do surface mapping and sampling. A preliminary sample (F-8) of quartz and hematite mineralization on the outer part of the #1 pipe outcrop showed 0.20 oz/t Au and approximately 1.0 oz/t Ag.

The Red Bluff and Gold Bar Properties  
K. M. Emanuel  
January 19, 1982  
Page Three

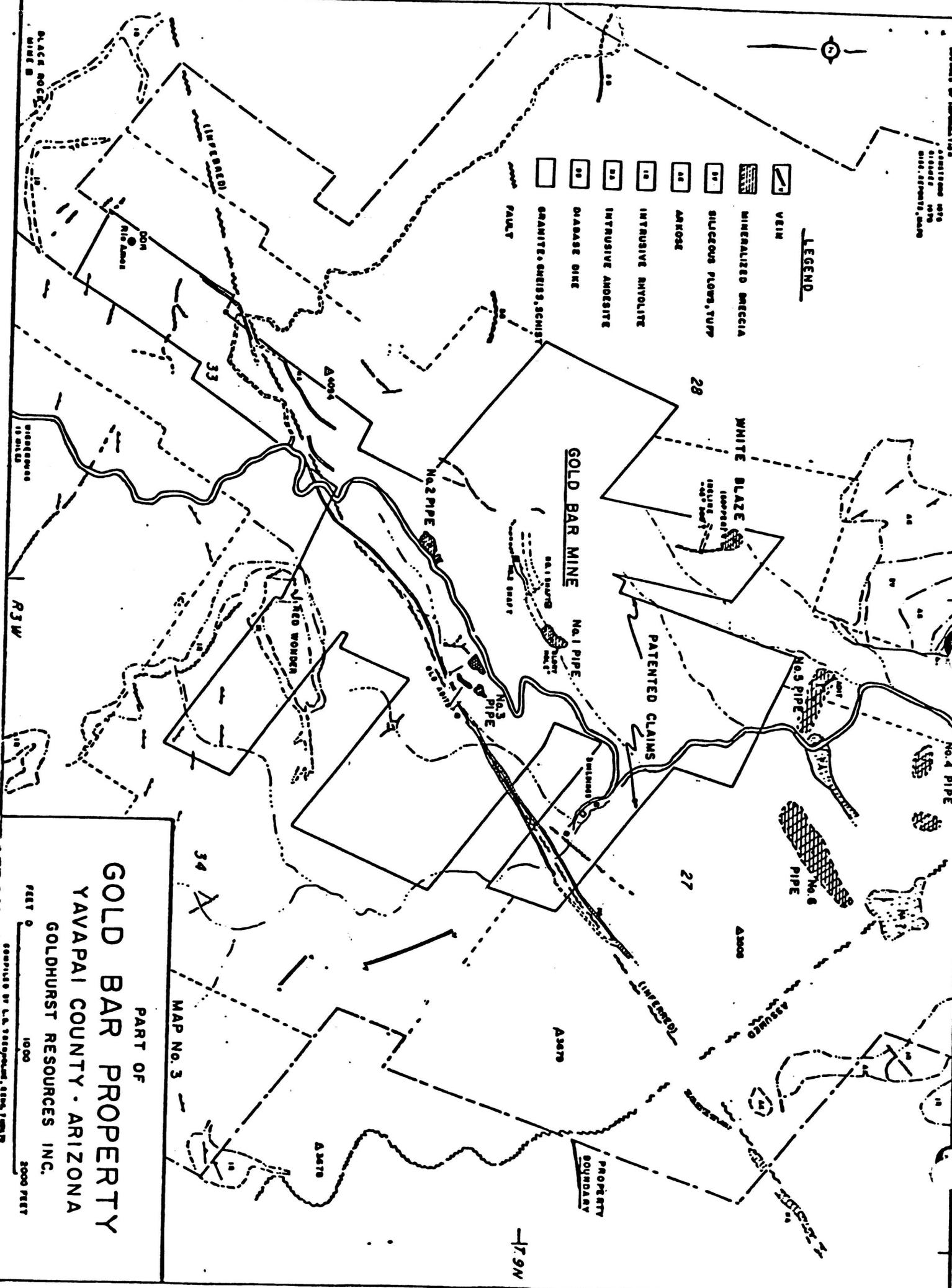
Recommendations and Conclusions:

The area should be mapped and sampled as soon as is practicable. This area and the Red Bluff properties might be considered as common exploration targets, if preliminary sampling proves favorable. A short (approximately 1.5 mile) road could be driven along trend on the Red Bluff vein swarm to the Gold Bar area, opening access between the areas and providing a stage for drilling and/or trenching operations. This would serve to cut the access distance to the Red Bluff by at least four miles of rough dirt road.

Approved by the  
 Director of the  
 U.S. Geological Survey

**LEGEND**

-  VEIN
-  MINERALIZED BRECCIA
-  SULFUROUS FLOW, TURB
-  AMOGSE
-  INTRUSIVE ANHYDRITE
-  INTRUSIVE ANDESITE
-  DIABASE SIKE
-  GRANITE, GNEISS, SCHIST
-  FAULT



**GOLD BAR PROPERTY**  
 PART OF  
 YAVAPAI COUNTY - ARIZONA  
 GOLDHURST RESOURCES INC.

MAP No. 3

1000 2000 FEET

179N

# Assay Summary Sheet Red Bluff, Yavapai Co, Ariz

	Au	Ag	Cu	Pb	Zn	As		
21	X304	0.08 2.81	1.9	0.81	19	35	-	4' chip across <del>RB</del> vein just above Road
20	X305	0.19 6.56	2.1	4.65	14	40	-	Semi Select grab from Ore pit at upper adit R
19	X609	0.12 3.96	1.6	0.26	55	216	11	9' chip across RB vein at NW end
18	X610	0.19 6.59	3.5	0.51	79	167	10	10' chip adjacent to X609
17	X611	0.19 306	7.3	3.28	317	431	22	S.G. Trench Spoils from dozer cut
16	X612	0.19 1.98	1.8	1.33	49	100	5	S.S. Grab from dozer cut spoils
15	X613	0.19 2.10	1.1	0.16	<10	85	11	10' chip across E-W trending cross vein
14	X614	0.033 1.10	<10	0.22	<10	31	24	40' chip across vein
13	X615	<1	1.0	0.51	<10	40	13	8' chip across part of vein near main shaft
12								sb
11	F8	0.20 6.22	3.4	0.1	32	21	3	54 S.G. Ag-hem from Glory Hole - Gold Bar
10	F9	0.035 0.86	2.5	1.20	28	116	17	62 8' chip S end of RB. vein
9	F10	0.033 2.13	3.3	0.59	77	93	112	88 8' chip " "


 circled values in O<sub>3</sub>/t



# DEKALB Mining, Inc.

MEMOTO: J. B. Imswiler

DATE: January 19, 1982

FROM: K. M. Emanuel

SUBJECT: The Red Bluff and Gold Bar Properties, Yavapai County, Arizona

## Location:

The Gold Bar and Red Bluff mines are situated in the Black Rock district of southern Yavapai County, Arizona. The Gold Bar properties are reached by travelling 17 miles (27 km) northeast from Wickenburg on the Old Constellation Road. Access to the Red Bluff properties presently involves travel over seven miles of winding dirt road that branches from the Constellation road at a point 15 miles from Wickenburg. The two properties are within 1.5 miles of each other, being separated by a narrow ridge (see Map). The Red Bluff area was mapped and sampled by K. M. Emanuel and D. J. Wronkiewicz on July 11, 1981; the Gold Bar properties were visited by G. A. Parkison and J. B. Imswiler on June 25, 1981, and by K. M. Emanuel and G. A. Parkison on December 12, 1981.

## Geology:

The Gold Bar-Red Bluff area is underlain by Precambrian Bradshaw granite and Yavapai schist. Numerous post-Precambrian diorite and diabase dikes and a few small bodies of intrusive andesite and rhyolite crosscut the Precambrian lithologies. Two persistent systems of faults and fractures characterize the local structure; one group trends about N 70° E, the other system trends approximately N 30° W. Most of the mineralized fissures in the area belong to the group that bears N 30° W.

## Red Bluff Properties

### Mineralization:

The mineralization at the Red Bluff properties is within two major (approximately N 30° W bearing) fissures that are 200 to 400 feet apart. Locally abundant smaller subparallel veins and crossfractures (approximately N 70° E bearing) occur between and adjacent to the larger structures. The two principal veins are between two and forty feet wide (average -8') with lengths of 2000 and 3000 feet. At least one major crossfracture attains a thickness of eight feet. The mineralization occurs as highly oxidized veins and dissemination of quartz and hematite, with locally abundant (up to 3%) oxidized copper minerals (Mal. - Chrys. - Azur.); no sulfide minerals were observed. A nineteen foot chip across a zone of veining and altered granite assayed 0.155 oz/t Au (X-609, X610). A more diffuse 40 foot zone assayed 0.03 oz/t Au (X-614). These samples are on a vein segment that is 1000' long with an average width of twenty feet. Assuming a 100 foot depth of mineralization 154,000 tons of ore may be present between these two points, and ore extensions are probable both laterally and vertically.

## The Red Bluff and Gold Bar Properties

K. M. Emanuel

January 19, 1982

Page Two

Those veins appear to be on trend with a group of large breccia pipes (?) on the Gold Bar properties about 1.5 mile to the northwest (see below). The major veins and the locally abundant small structures between and adjacent to them may be amenable to mining by open pit methods. The property has been operated in a small way within the last few years by Red Bluff Mines, Inc., of Phoenix, Arizona. A small leach pad was constructed, but does not appear to have been utilized. Their activities seem to have been largely confined to road building and abundant trenching. Further sampling is recommended, as well as more detailed mapping studies utilizing any color areal photo coverage that may be available (the veins can be traced as low red outcrops and reddish soil zones). Special attention should be given to crossfracture identification as guides to possible pipe-like ore shoots.

### Land Status:

Much of the ground is covered by a group of twelve contiguous patented lode claims, shown with current ownership status, on the attached land plats. Some ground is open on the southeastern end of the area of heaviest veining as well as to the northeast and southwest.

### Conclusions and Recommendations:

The Red Bluff properties shows some potential as a low-grade high tonnage deposit. Pipe-like ore bodies at major fracture intersections may also be present. This vein swarm is on trend with a group of breccia pipes near the Gold Bar mine (see large map). The owners of the Red Bluff patents should be contacted with reference to their properties. Peripheral areas might staked if further mapping shows this to be justified (20 to 25 claims).

### Gold Bar Properties

The Gold Bar mine has exploited a mineralized breccia pipe that occurs within a group of six closely spaced similar, but generally larger, structures. The deposit has been described in numerous geological and engineering reports supplied to G. A. Parkison and J. B. Imswiler on June 25, 1981, by Steve Ivanov, the owner of the property. The ore body is 40 by 60 feet in section and is relatively uniform in dimension down to the 300 foot level. The deposit has produced around 20,000 tons of 0.6 oz/t Au with a similar tonnage remaining above a reputed faulted lower extension. Drilling has shown several 10' intercepts of 0.11 to 0.66 oz/t Au and a number of lower grade shows in the supposed lower extensions of the ore body. Several undeveloped pipe-like bodies within 600' of the main #1 pipe may contain as much as 1 Mt each of ore above the lowest level of development at the Gold Bar mine (700'). Several other larger pipes are shown on the accompanying map from Ivanov's data package. Recent (1-15-82) communications with the owner by G. A. Parkison has advised us that the property is open and that we are free to do surface mapping and sampling. A preliminary sample (F-8) of quartz and hematite mineralization on the outer part of the #1 pipe outcrop showed 0.20 oz/t Au and approximately 1.0 oz/t Ag.

The Red Bluff and Gold Bar Properties  
K. M. Emanuel  
January 19, 1982  
Page Three

Recommendations and Conclusions:

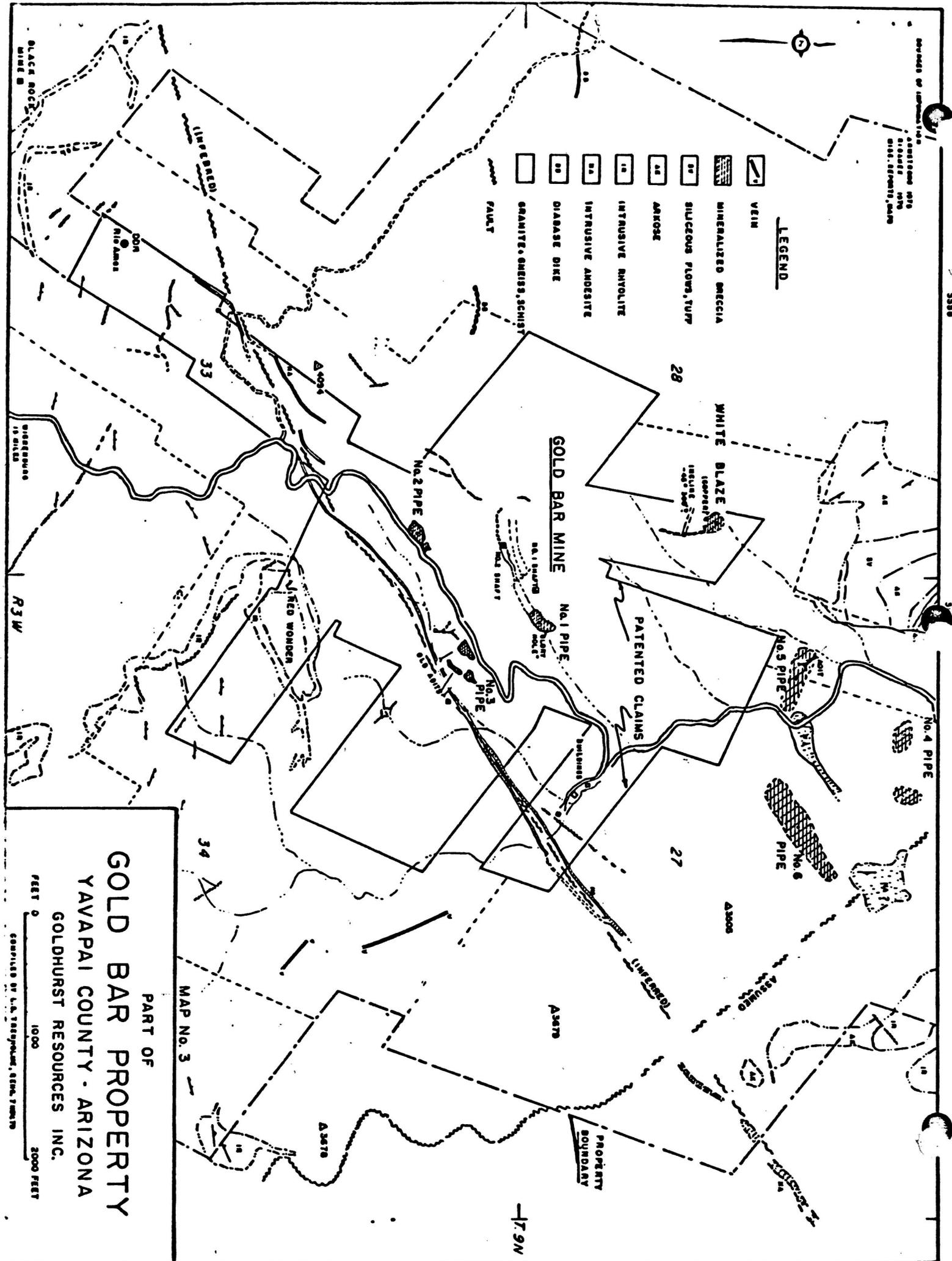
The area should be mapped and sampled as soon as is practicable. This area and the Red Bluff properties might be considered as common exploration targets, if preliminary sampling proves favorable. A short (approximately 1.5 mile) road could be driven along trend on the Red Bluff vein swarm to the Gold Bar area, opening access between the areas and providing a stage for drilling and/or trenching operations. This would serve to cut the access distance to the Red Bluff by at least four miles of rough dirt road.

ADJUSTED TO  
 SQUARE MILE  
 DIST. SYSTEM, 1983

5388



- LEGEND**
- VEIN
  - MINERALIZED ORE
  - SILICEOUS FLOWS, TUFF
  - ARKOSE
  - INTRUSIVE RHYOLITE
  - INTRUSIVE ANDESITE
  - DIABASE DIKE
  - GRANITE & GNEISS, SCHIST
  - FAULT



**GOLD BAR PROPERTY**

YAVAPAI COUNTY - ARIZONA

GOLDHURST RESOURCES INC.

PART OF

MAP No. 3

FEET 0 1000 2000

COMPILED BY L.S. STEPHENSON, SECH. 7/8/78

# Assay Summary Sheet

Red Bluff, Yavapai Co, Arizona

	Au	Ag	Cu	Pb	Zn	As			
21	X304	0.91	1.9	0.8%	19	35	-	4' chip across vein just above Road	
20	X305	6.56	2.1	1.65%	14	40	-	Semi Select grab from Ore pile at upper adit	
19	X609	3.95	1.6	0.26%	55	216	11	9' chip across R.B. vein at NW end	
18	X610	6.59	3.5	0.51%	79	167	10	10' chip adjacent to X609	
17	X611	7.3	3.28%	317	431	22		S.G. Trench Spoils from dozer cut	
16	X612	1.98	1.8	1.33%	49	100	5	S.S. Grab from dozer cut spoils	
15	X613	<.10	1.1	0.16%	<10	85	11	10' chip across E-W Trending cross vein	
14	X614	1.10	<1.0	0.22%	<10	31	24	40' chip across vein	
13	X615	<.1	1.0	0.54%	<10	40	13	8' chip across part of vein near main shaft	
12								sb	
11	F8	6.22	3.4	0.1	32	21	3	54	S.G. QB-hem from Glory Hole - Gold Bar
10	F9	0.96	2.5	1.20	28	116	17	62	8' chip S. end of R.B. vein
9	F10	2.13	3.3	0.59	77	93	112	88	8' chip "

○ ← circled values in oz/t

PP  
7/2/82

# DEKALB Mining, Inc.

MEMO TO: N. L. Archbold  
FROM: K. M. Emanuel  
SUBJECT: Gold Bar Mine

DATE: March 5, 1982

## Location

The Gold Bar mine is situated 17 miles northeast of Wickenburg, Arizona in the Black Rock district of southern Yavapai County, Arizona. The mine's specific location and the general geology of the surrounding area have been summarized in an earlier report (memo to J. B. Imswiler; K. M. Emanuel - 1/19/82) and will not be repeated here. The area was visited by myself and D. J. Wronkiewicz on January 28 - 31, 1982. A total of 3 field days was spent on the site (6 man days).

## Economic Geology

**Production and History** - All of the information in this section was gleaned from past engineering and geological evaluations supplied by Steve Ivanov, who currently holds a lease on the property.

The Gold Bar mine was initially discovered in 1879 and was mined by numerous concerns between 1901 and 1918. The mine has since been inactive. Production has amounted to 25,000 tons of ore with a grade that averaged better than 0.60 oz/ton Au with minor silver. The unoxidized ore consists of pyritic replacements of what has been variably described as brecciated PreCambrian granite and Tertiary intrusive quartz-porphyry. Abundant quartz-pyrite veinlets cut the ore body which is in the form of a pipe with a heavily silicified outer ring. This structure is about 60' x 40' in dimension and plunges about 30° to the southwest. The tonnage of ore remaining has been estimated between 20 and 80 thousand tons in previous evaluations. The ore appears to have been faulted off below the 500' level, but may have been relocated 50' to the northwest, if the drilling data shown on a Goldhurst Resources Inc. mine map is accurate. A 700 foot shaft exists on the site and is currently (?) being reconditioned by Steve Ivanov. Except for a large open stope (#1 Glory Hole) which extends 100 feet downplunge from the pipes apex, the workings are presently inaccessible. As many as five larger pipe-like outcrops of brecciated and silicified rock have been recognized during previous investigations of the properties. Molybdenum has been reported from the outcrops of these structures, and the area was drilled by Rio Amex in 1976 as a possible Mo porphyry target.

**Results of Mapping and Sampling** - Mapping of the area showed numerous mineralized faults and fractures, as well as 8 outcrops of silicified breccia. These outcrops were also recognized during work by Goldhurst Resources, but their size and form differed somewhat from what their map shows. All of the structures appear to be developed in older granitic rocks, but at least one (#6 pipe)

Gold Bar Mine  
K. M. Emanuel  
March 5, 1982  
Page two

locally has a fine-grained porphyritic matrix suggesting an origin associated with Tertiary (?) intrusive rocks. Small outcrops of a similar intrusive were noted in the areas near the #2 and #3 pipes. The outcrop pattern of the #4, #5 and #6 pipes gives some suggestion of being part of an annular ring on a much larger structure (see map).

A total of 33 samples were taken from the Gold Bar area. Samples from the Glory Hole (#1 pipe) all ran better than 0.11 oz/ton Au (F 44, 45 and G 103). A 20' crosscut into the surrounding rock (F 46) suggests that the pipe has an "assay wall" and could contain oregrade material across a width of 80 feet or more. The results of breccia outcrop sampling was also encouraging. The silicified outcrop above the Glory Hole ran 0.81 ppm (F 47); every other breccia occurrence sampled contained anomalous amounts of gold with the range being 0.36 ppm to 1.71 ppm. All of the pipes had higher outcrop Au values than the #1 pipe with the exception of the #3 occurrence. Almost all of the samples contained anomalous Mo values, but nothing approaching ore grade (192 ppm maximum) was encountered.

A number of mineralized fractures and veins in the area south and east of the Gold Bar mine were sampled during this study. All of them (G 89 -> G 92 and G 94 -> G99) were anomalous in Au; two (G 90 and G 92) are thick (8+') and of high enough grade to justify further investigation.

### Conclusions

The sampling done to date suggests that the #2 and #3 pipes have a fair potential for containing ore bodies similar to that seen at the Gold Bar mine (#1 pipe). These structures are larger in areal extent than the #1 pipe and could contain in excess of 100,000 Tons of ore each. The #1 pipe is exposed in a ravine at a level several 100' below the other nearby pipes. This may account for its being exploited to the exclusion of the others. A vertical zonation might be expected and is observed at the #4 pipe(s) where the easternmost outcrops appear to be a quartz stockwork, whereas the lower outcrops to the west and the nearby #5 and #6 outcrops are more typical breccias. In addition, the lower altitude part of the #6 outcrop locally appears to have an intrusive felsic matrix. The two #4 outcrops together with those of the #5 and #6 pipes suggest a large broken ring pattern. This could be a high level expression of a large (1000' by 1500') pipe structure. Many of the veins and mineralized fractures east of the area of pipe outcrops are similarly mineralized and on trend with Au bearing replacement veins exposed on the nearby Red Bluff vein system (memo to J.B. Imswiler; K. M. Emanuel 1/19/82). This vein swarm trends through the area of the #4, #5, and #6 pipes and may be the structure that has localized these features.

### Recommendations

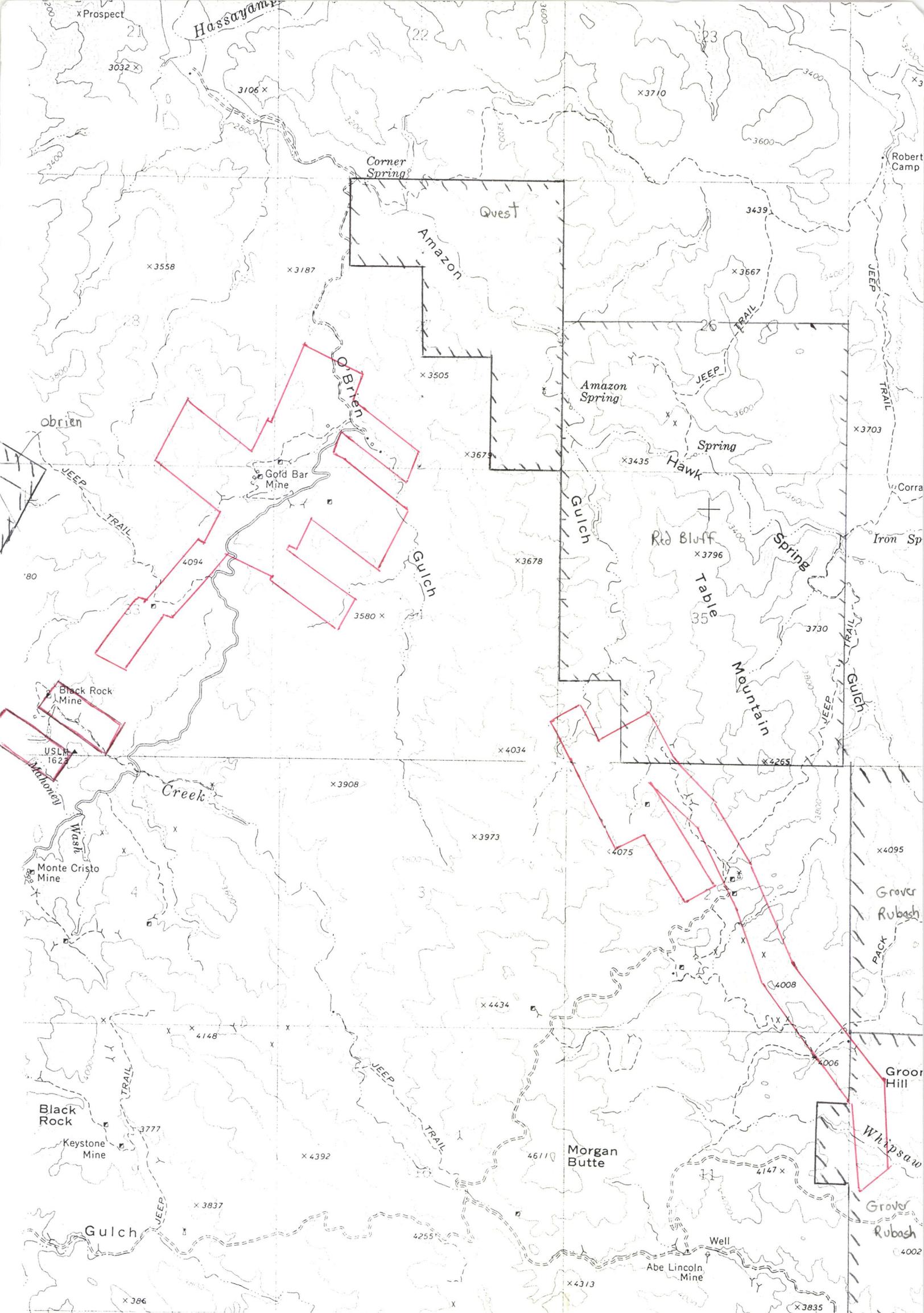
Steven Ivanov should be contacted and terms for an agreement sought out. If successful, additional surface sampling, particularly of outcrops in the interior portions of larger structures, should be conducted to better define initial targets for drilling. Detailed structural mapping should also be conducted to determine the attitudes of these mineralized features.

Gold Bar Mine  
 K. M. Emanuel  
 March 5, 1982  
 Page three

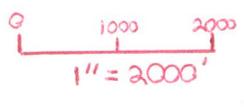
		ppm			
	<u>Sample Descriptions</u>	<u>Cu</u>	<u>Mo</u>	<u>Ag</u>	<u>Au</u>
F-35	Composite outcrop sample (COS); #2	245	54	<1.0	1.71
F-36	COS; #5 pipe.	47	<1	<1.0	0.45
F-37	COS; #6 pipe.	795	29	<1.0	0.72
F-38	COS; white blaze pipe.	39	9	2.0	0.90
F-39	COS; #6 pipe.	42	42	<1.0	1.08
F-40	Select-Quartz stockwork veinmatter; upper #4.	84	<1	<1.0	0.99
F-41	COS, #4 lower.	41	7	<1.0	1.26
F-42	Random chip along walls of adit in #5.	125	2	<1.0	1.17
F-43	75' chip along road cut on #2 pipe.	131	31	<1.0	1.08
F-44	5' chip; central pillar Glory Hole (#1).	489	41	52.8	( )
F-45	12' vertical chip; with wall of Glory Hole #1.	130	6	10.2	8.20
F-46	20' chip in X cut marginal to Glory Hole #1.	36	12	2.1	3.97
F-47	COS #1 above Glory Hole.	137	11	1.9	0.81
F-48	Rep grab of pyritic ore adit SE of #3.	53	10	<1.0	0.63
G-86	COS; #3.	163	1	<1.0	0.63
G-87	COS; #3.	41	69	<1.0	0.63
G-88	COS; #3.	13	21	1.3	0.36
G-89	Quartz vein (3').	820	2	5.1	0.45
G-90	Rep chip of 5 veins trending through #3 pipe.	183	27	<1.0	3.88
G-91	Rep grab - prospect.	102	34	<1.0	0.18
G-92	8' chip across vein 6.	320	192	<1.0	6.85
G-93	White blaze incline.	4.20%	<1	15.2	0.45
G-94		113	34	<1.0	0.72

Gold Bar Mine  
 K. M. Emanuel  
 March 5, 1982  
 Page four

	<u>Sample Descriptions</u>	<u>Cu</u>	<u>Mo</u> <sup>ppm</sup>	<u>Ag</u>	<u>Au</u>
G-95	4' chip across altered granite exposed in adit portal.	408	25	<1.0	2.34
G-96	Cu oxide ore from small adit.	7.03%	20	10.3	0.36
G-97	Prospect on same zone (?) as G-96.	2.42%	11	1.3	5.22
G-98	Prospect pit on vein-O'brien Ridge.	374	<1	<1.0	0.36
G-99	Prospect pits on O'brien Ridge.	3.19%	9	1.4	4.22
G-100	Quartz-Py select from #2.	190	36	1.1	0.18
G-101	Rep dump grab #2 shaft.	134	9	<1.0	0.27
G-102	Rep dump grab #1 shaft.	0.28%	20	1.4	0.18
G-103	4 channel chip (5') Glory Hole #1.	845	19	6.8	4.78
G-104	Red Wonder - select Cu oxide bearing.	0.78%	14	2.6	0.72



Land Status - Red Bluff-Gold Bar  
T8+T9N, R3W



Patented - Red  
 Valid lode  
 claims - Black

\* as of 3-6-82

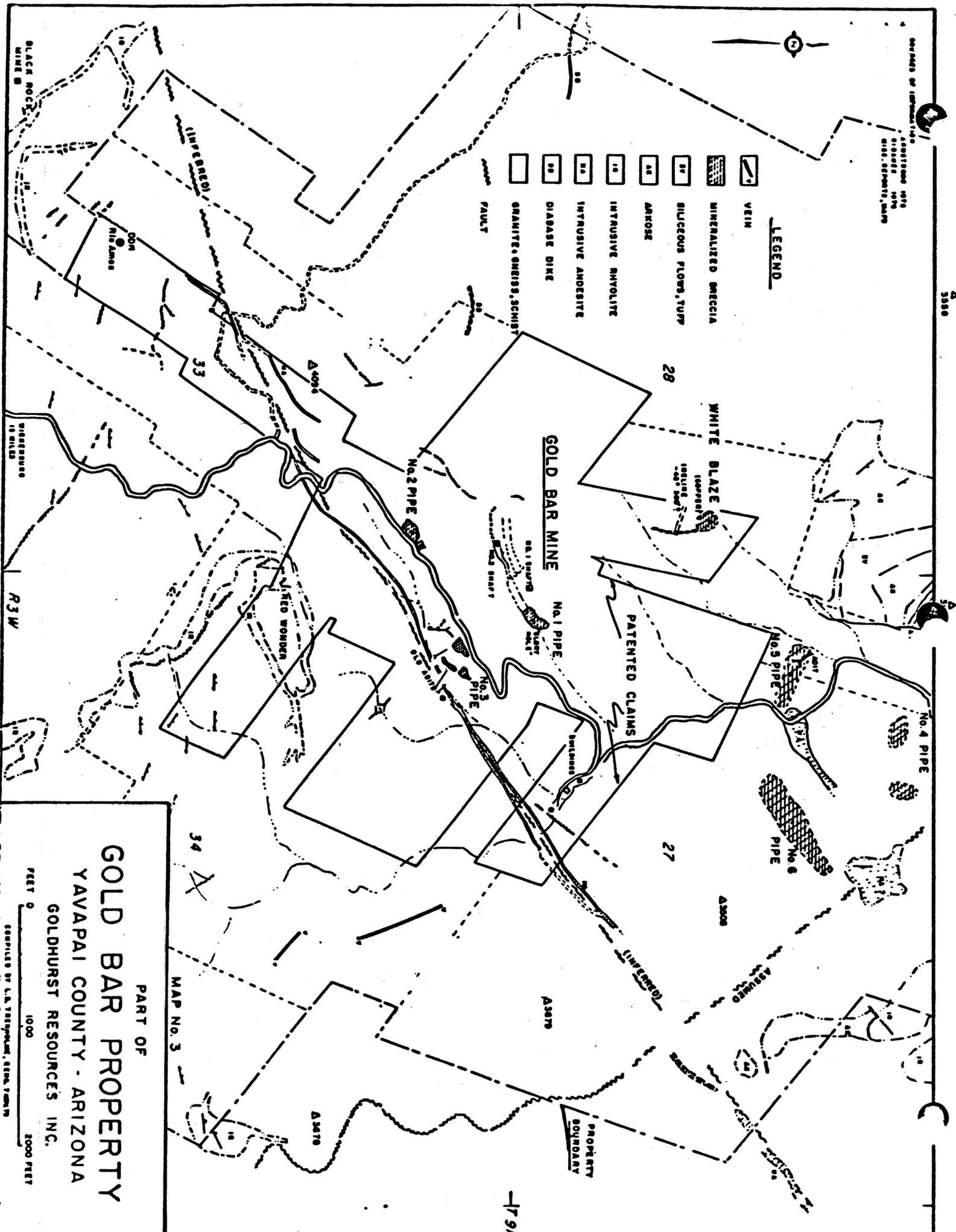
Denver Hill

BOUNDARY OF IMMEDIATELY ADJACENT PROPERTY SHOWN BY DOTTED LINE. THIS MAP IS NOT A GUARANTEE OF TITLE.

3580

**LEGEND**

-  VEIN
-  MINERALIZED BRECCIA
-  SILICEOUS FLOWS, TUFF
-  ARGOSE
-  INTRUSIVE RHYOLITE
-  INTRUSIVE ANDESITE
-  DIABASE DIKE
-  GRANITE, GNEISS, SCHIST
-  FAULT



**GOLD BAR PROPERTY**

PART OF  
YAVAPAI COUNTY - ARIZONA  
GOLDHURST RESOURCES INC.

FEET 0 1000 2000 FEET  
CONSOLIDATED BY G.W. BISHOP, JR., GEOL. ENGINEER

I do hereby certify that the within instrument was filed and recorded at the request of Alan V Aric  
on DEC 22 '81 - 10 00 AM o'clock book 1432 Official Records Page 228-229  
Records of Yavapai County, Arizona. WITNESS my hand and official seal the day and year first above written.

PATSY C. JENNEY, County Recorder

By Baratley J Clupper



When recorded mail to:

Witness my hand and official seal.

County Recorder \_\_\_\_\_  
By \_\_\_\_\_ Deputy Recorder

### NOTICE OF MINING CLAIM LOCATION

- 1.  Location       Amendment       Relocation
- 2.  Placer       Lode       Millsite       Tunnelsite

3. The name and address of the Locator is  
ALAN V. ARIC Name  
396 S. VIRGINIA AVE Address  
PASADENA CA City      91107 Zip

4. The name of the claim is GOLD LEAF

5. The date of the location is 10-23-1981

6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 152 feet in a NORTHERLY direction and 448 feet in a SOUTHERLY direction.

7. The general course of the claim is from the WEST to the EAST

8. The location of the claim is in Section 31+36 Township 9N Range 3W  
G&SR&M, Black Rock Mining District, YAVAPAI County, Arizona.

9. If amending, or relocating, the previous claim name was GOLD LEAF  
recorded in Docket 5364, Book 1126

Black Rock Mining District, YAVAPAI County, Arizona.

10. The location of the claim with reference to a natural object or permanent monument is 750  
FEET IN A WESTERLY DIRECTION FROM JOHNSON  
CREEK AND IS WEST TO THE SOUTH BRANCH  
OF THE TURTLE MINE

Date 12-21-1981

Alan V Aric  
Signature

# MAP OF MINING CLAIM LOCATION

1. The name of the claim is Gold LEAF
2. The SE corner of the claim is 450 feet in a NORTHERLY direction to a survey monument or permanent natural object described as MAIN TUNNEL OF THE TURTLE MINE
3. The type of location monument is STONE  
The type of corner and end monuments are STONE
4. The bearing and distance between the corners of the claim are beginning at the SE #1 corner of the claim, 1500 feet in a WESTERLY direction to the S.W. #2 corner, then 600 feet in a NORTHERLY direction to the N.W. #3 corner, then 1500 feet in a EASTERLY direction to the N.E. #4 corner, then 600 feet in a SOUTHERLY direction to the point of beginning.

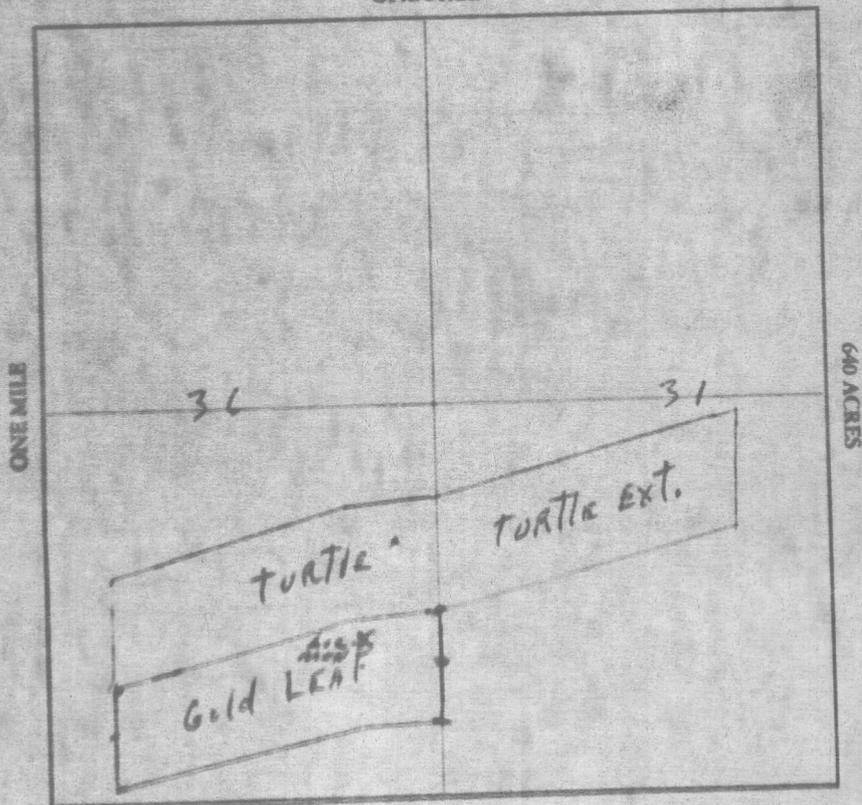
## MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 31+36 Range SW Township 9N G&SRD&M

Date 12-21-1981

Alan V. Clise  
Signature

PATSY C. JENNER  
 By Dorothy J. Chappan Deputy  
 County Recorder  
 Deputy Recorder

When recorded mail to:

Don Olsen  
 1805 N. Beaver  
 Flagstaff, Az. 86001



Fee: \$ 3

### NOTICE OF MINING CLAIM LOCATION

- 1.  Location       Amendment       Relocation
- 2.  Placer       Lode       Millsite       Tunnelsite

3. The name and address of the Locator is  
Ann F. Olsen  
 Name  
1895 N. Beaver  
 Address  
Flagstaff      Arizona      86001  
 City      State      Zip

4. The name of the claim is Gold Crown 1 2 3 4 5 6 7 8 9 10

5. The date of the location is December 31, 1981

6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 750 feet in a Easterly direction and 300 feet in a Northerly direction.

7. The general course of the claim is from the East to the West

8. The location of the claim is in Section 29, Township 9N, Range 3W  
 G&SR&M, Black Rock Mining District, Yavapai County, Arizona.

9. If amending or relocating, the previous claim name was Gold Crown 1-A  
Age recorded in Docket 80, Book 1291

Black Rock Mining District, Yavapai County, Arizona.

10. The location of the claim with reference to a natural object or permanent monument is just east of the corner post of sections 29-30-31, T9N R3W The SW corner is 1700' from the corner post in a Northerly direction from the corner post

BOOK **1433** PAGE **856**

Date December 31, 1981

Ann F. Olsen  
 Signature

I do hereby certify that the within instrument was filed and recorded at the request of Wm. L. Spicer on DEC 22 1981 in DEED book 1432 Official Records Page 244-247 (incl) State of Arizona. WITNESS my hand and official seal the day and year first above written.

J. L. Steedman Deputy

When recorded mail to:

Witness my hand and official seal

By



3/4

**AFFIDAVIT OF PERFORMANCE OF ANNUAL WORK**

State of Arizona

County of YAVAPAI

1. RED BLUFF MINE, INCORPORATED

POSTAL DRAWER 1085

CAREFREE ARIZONA 85377

being duly sworn according to law deposes and says that they are a citizen of the United States more than eighteen years of age and that all of the facts set forth in this affidavit are true and correct according to the best of their knowledge, information and belief.

2. That they are personally acquainted with the mining claim named ATTACHED LI UNMATERIALIZED CLAIM MAPS situate in the BLACK ROCK Mining District, YAVAPAI County, Arizona, the location of which is recorded in the office of

the County Recorder of that County in Book ATTACHED LI Page          Notice of location is posted in Section 25, 26 Township 9 N, Range 3 W, G&SRB&M.

3. That between the dates of JANUARY 5, 1981 and APRIL 20, 1981 at least FOUR THOUSAND DOLLARS (\$ 4,000.00) dollars worth of work and improvements were done and performed upon this claim not including location work.

4. The work and improvements were made by and at the expense of RED BLUFF MINE, INCORPORATED, owners of the mine for the purpose of complying with the laws of the United States pertaining to assessments or annual work.

5. STEPHEN W. STILLION were the names of the persons employed by the owner who labored to do the work and improvements.

6. The work and improvements done were ROAD CONSTRUCTION AND MAINTENANCE THROUGH PROPERTIES, SAMPLING AND ASSAYS IN TRENCHES ON CLAIMS, DISCOVERY DRIFTS DUG.

Dated 12-22-81 Wm. L. Spicer Signature

Subscribed to and sworn before me, a Notary Public, this 22 day of December

1981, by Wm. L. Spicer

My Commission expires July 28, 1982 J. L. Steedman Notary Public

AMC 46719 thru 46734  
Nannys Nook #1-16  
Book 1227 Page 925-956

AMC 101896 thru 101899  
Joan's Band #1-4  
Book 1292 Page 450-457

AMC 101900 thru 101901  
Boy's Joy #1-2  
Book 1292 Page 458-461

AMC 101902-101903  
Girl's Delight #1-2  
Book 1292 Page 462-465

AMC 101904 - 101905  
High and Dry #1-2  
Book 1292 Page 466-469

AMC 101906 - 101909  
Rob's Cob #1-4  
Book 1292 Page 470-477

AMC 111485-111504  
Cordelia's Golden Fifties #1-18  
Book 1325 Page 671-706

BOOK 1432 PAGE 245

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64

# Master Claim Map Sec. 35

claim direction / north south  
 Sec. 35, Township 9, Range 3W  
 Black Rock, Jasper Co. Book 1227

## Location

Claim Name	Section	Location Description
Nanny's Look	#1	1,500 ft. n. of USGS Sec 35 / border 34
	#2	Extreme NW corner Sec. 25. / border 34, 26 n
	#3	100 ft. from USGS mark / border 26 n
	#4	1,200 ft. E. USGS Sec. 26. N.W. corner Found / border
	#5	1,500 ft. E. USGS Sec 26 N.W.
	#6	2,400 ft. E. S. / Center of Sec
	#7	1,500 ft. SE of USGS Sec 26 mark
	#8	1,200 ft. SE of USGS Sec 26 mark
	#9	center Sec 25 / border 26 / 2,400 ft. E. Sec 26 mark
	#10	1,200 ft. W. Sec 25 mark N.E. corner Found / border
	#11	600 ft. W. Sec. 25 mark N.E. corner Found / border
	#12	N.E. corn at Sec. 25 mark / border 26, 36
	#13	2,345 ft. SW of USGS Sec 25 mark, center Sec 35
	#14	1,120 ft. SW of USGS Sec 25 mark
	#15	1,620 ft. SW of USGS Sec 25 mark
	#16	1,500 ft. S. of USGS Sec 25 mark
Joannes Band	#17	1,500 ft. n. of USGS Sec. 35 SW corner found / border 31
	#18	1,620 ft. NE " " " "
	#19	1,920 ft. NE " " " "
	#20	2,345 ft. NE " " " "
Robt Cob	#21	2,345 ft. NW. USGS 36. SE corner Found
	#22	1,920 ft. NW. of USGS Sec. 36 SE corner Found
	#23	1,620 ft. NW of USGS Sec 36 SE corner Found
	#24	1,500 ft. n. of USGS Sec 36 SE corner Found / border 36
High & Dry	#25	2,400 ft. E. of USGS Sec. 35 SW corner Found / border
	#26	1,800 ft. E. of USGS Sec. 35 SW corner Found / border
Girls Delight	#27	2,640 ft. E. of USGS Sec. 35 SE corner Found / border
	#28	2,400 ft. W. of USGS Sec. 36 SE corner Found / border
Boys Joy	#29	600 ft. W. of USGS Sec. 36. SE corn Found / border
	#30	SE corner USGS Sec 36

EXHIBIT "A"

Cordelia's Golden 50's

			(26)				
C <sub>6</sub>							
F <sub>18</sub>	F <sub>17</sub>	F <sub>16</sub>	F <sub>15</sub>	F <sub>14</sub>	F <sub>13</sub>	F <sub>12</sub>	F <sub>11</sub>
C <sub>6</sub>							
F <sub>2</sub>	F <sub>3</sub>	F <sub>4</sub>	F <sub>5</sub>	F <sub>6</sub>	F <sub>7</sub>	F <sub>8</sub>	F <sub>9</sub>

Master Claim Map

Section 26  
 Township 9N  
 Range 3W  
 District Black Rock  
 County Yavapai  
 Book 1325 Page 671-706

Cordelia's Golden 50's lay across the southern half of Section 26 inclusive. The claims are contiguous and border on Section 26 southern, eastern and western USGS boundaries.

I do hereby certify that the within instrument was filed and recorded at the request of Alan V Aric  
on DEC 22 '81 - 10 00 AM o'clock book 1432 Official Records Page 228-229  
Records of Yavapai County, Arizona. WITNESS my hand and official seal the day and year first above written.

PATSY G. JENNEY, County Recorder

By Dorothy J Clupper



When recorded mail to:

Witness my hand and official seal.

County Recorder

By

Deputy Recorder

ARC 22143

### NOTICE OF MINING CLAIM LOCATION

- 1.  Location       Amendment       Relocation
- 2.  Placer       Lode       Millsite       Tunnelsite

3. The name and address of the Locator is

ALAN V. ARIC Name  
396 S. VIRGINIA AVE Address  
PASADENA CA City      91107 Zip

4. The name of the claim is GOLD LEAF

5. The date of the location is 10-23-1981

6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 152 feet in a NORTHERLY direction and 448 feet in a SOUTHERLY direction.

7. The general course of the claim is from the WEST to the EAST

8. The location of the claim is in Section 31+36 Township 9N Range 3W  
G&SRB&M, Black Rock Mining District, YAVAPAI County, Arizona.

9. If amending or relocating, the previous claim name was GOLD LEAF  
recorded in Docket 5364, Book 1126.

Black Rock Mining District, YAVAPAI County, Arizona.

10. The location of the claim with reference to a natural object or permanent monument is 750 FEET IN A WESTERLY DIRECTION FROM JOHNSON CREEK AND IS NEXT TO THE SOUTH BOUNDARY OF THE TURTLE MINE

Date 12-21-1981

Alan V Aric  
Signature

# MAP OF MINING CLAIM LOCATION

- The name of the claim is Gold LEAF
- The SE. corner of the claim is 450 feet in a NORTHERLY direction to a survey monument or permanent natural object described as MAIN TUNNEL OF THE TURTLE MINE
- The type of location monument is STONE  
The type of corner and end monuments are STONE
- The bearing and distance between the corners of the claim are beginning at the SE #1 corner of the claim, 1500 feet in a WESTERLY direction to the S.W. #2 corner, then 600 feet in a NORTHERLY direction to the N.W. #3 corner, then 1500 feet in a EASTERLY direction to the N.E. #4 corner, then 600 feet in a SOUTHERLY direction to the point of beginning.

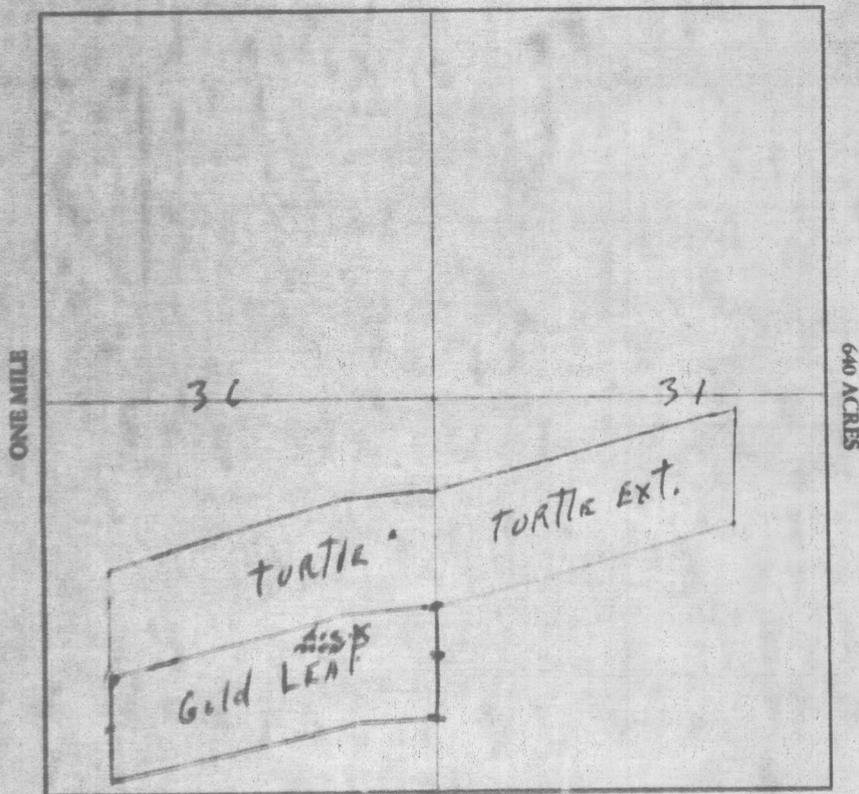
## MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 31+36 Range 3W Township 9N G&SRB&M

Date 12-21-1981

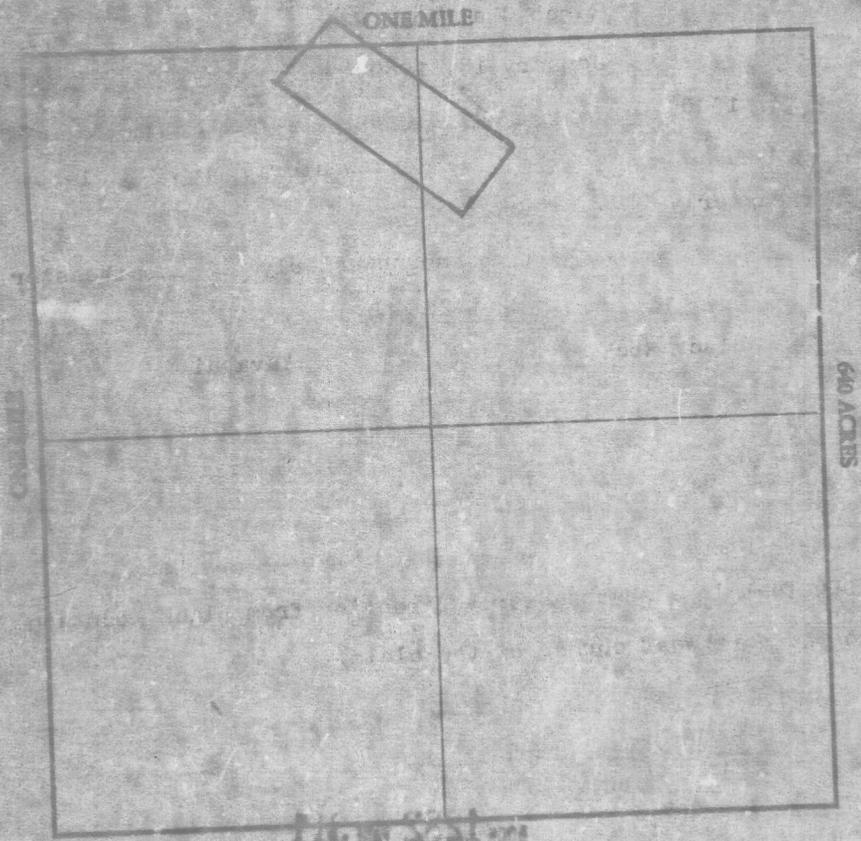
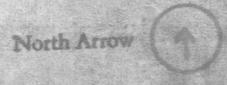
Alan V. Case  
Signature

# MAP OF MINING CLAIM LOCATION

1. The name of the claim is Ranch Challenge #2
2. The northeast corner of the claim is 1000 feet in a southeasterly direction to a survey monument or permanent natural object described as Black Mountain
3. The type of location monument is 1x2 4-foot long in stone monument
4. The type of corner and end monuments are 1x2 4-foot long in stone monuments
5. The bearing and distance between the corners of the claim are beginning at the northwest corner of the claim, 600 feet in a northeasterly direction to the northeast corner, then 1000 feet in a southeasterly direction to the southeast corner, then 600 feet in a southwesterly direction to the southwest corner, then 1000 feet in a southwesterly direction to the point of beginning.

## MAP

One inch = one thousand feet



Section 22 & 27 Range 3W Township 9N G&SRB&M

Date March 3, 1980

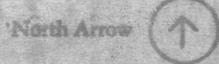
MS 1282 vs 312

B. D. ...  
Signature

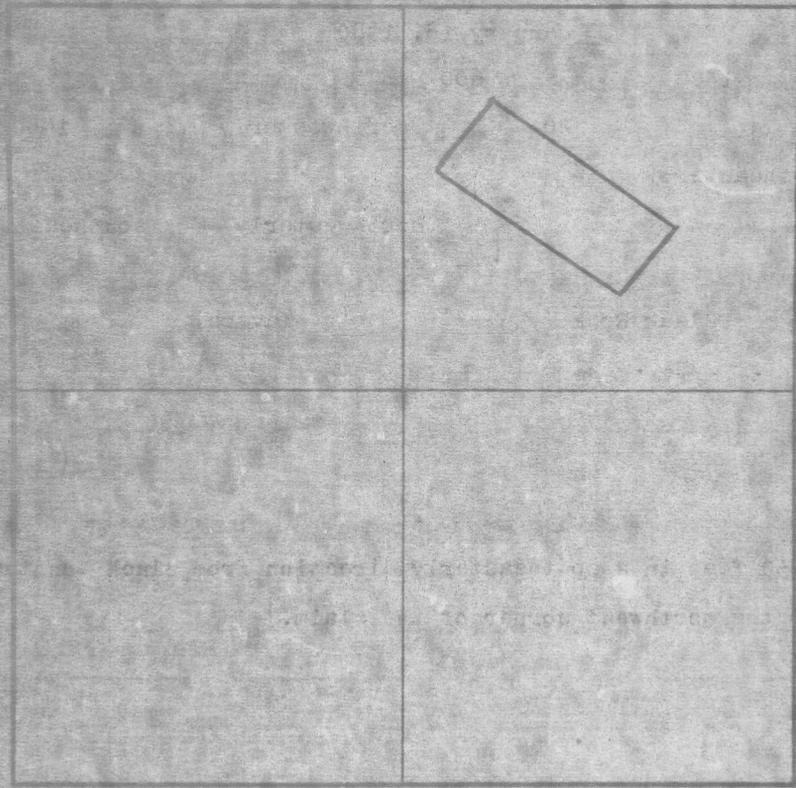
MAP OF MINING CLAIM LOCATION

- 1. The name of the claim is Sarah Challenge #3
- 2. The area of the claim is 2250 feet in a southeasterly direction
- 3. The boundary of the claim is a permanent natural object described as Black Mountain
- 4. The boundary of the claim is 1x2 1/2-foot long in stone monument
- 5. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 6. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 7. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 8. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 9. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 10. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 11. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 12. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 13. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 14. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 15. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 16. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 17. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 18. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 19. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 20. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 21. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 22. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 23. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 24. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 25. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 26. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 27. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 28. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 29. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 30. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 31. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 32. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 33. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 34. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 35. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 36. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 37. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 38. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 39. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 40. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 41. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 42. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 43. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 44. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 45. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 46. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 47. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 48. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 49. The boundary of the claim is 1x2 1/2-foot long in stone monuments
- 50. The boundary of the claim is 1x2 1/2-foot long in stone monuments

MAP



ONE MILE



Section 27 Range 14N Township S&S 9N G&SRB&M

Date March 3, 1980  
BOOK 1282 PAGE 384

Benjamin S. Shaw Porter  
Signature

# MAP OF MINING CLAIM LOCATION

1. The name of the claim is Ranch Challenge #4
2. The northeast corner of the claim is 3800 feet in a southeasterly direction to a survey monument or permanent natural object described as Black Mountain
3. The type of location monument is 1x2 4-foot long in stone monument  
The type of corner and end monuments are 1x2 4-foot long in stone monuments
4. The bearing and distance between the corners of the claim are beginning at the northwest corner of the claim, 600 feet in a northeasterly direction to the northeast corner, then 1800 feet in a southeasterly direction to the southeast corner, then 600 feet in a southwesterly direction to the southwest corner, then 1800 feet in a northwesterly direction to the point of beginning.

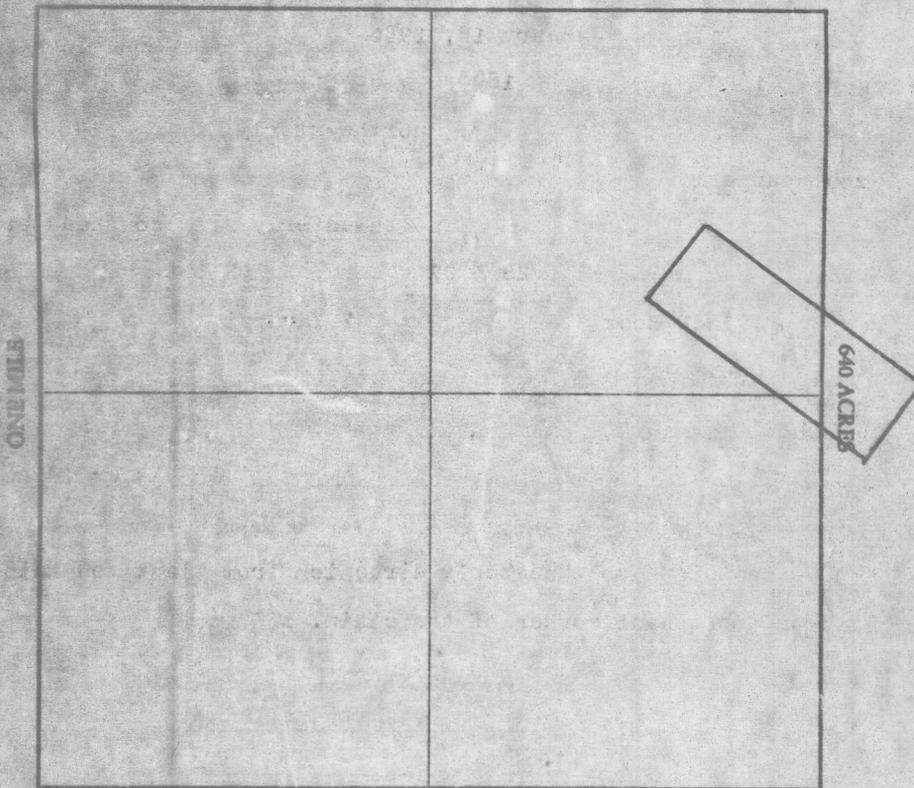
## MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 26 & 27 Range 4N Township S8E 9N G&SRB&M

Date March 3, 1980

BOOK 1282 PAGE 316

Ben Davis & Shave Partners  
Signature