



## **CONTACT INFORMATION**

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 06/20/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ROYAL FLUSH

ALTERNATE NAMES:

GRUBSTAKE  
MINERAL SURVEY 4636

GILA COUNTY MILS NUMBER: 502

LOCATION: TOWNSHIP 10 N RANGE 11 E SECTION 31 QUARTER NW  
LATITUDE: N 34DEG 10MIN 15SEC LONGITUDE: W 111DEG 16MIN 25SEC  
TOPO MAP NAME: PAYSON SOUTH - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

COPPER  
GOLD  
SILVER

BIBLIOGRAPHY:

USGS PAYSON SOUTH QUAD  
BLM MINING DISTRICT SHEET 146  
ADMMR ROYAL FLUSH FILE  
UNPAT CLAIMS EXTENT INTO SEC 30-T10N-R11E &  
SEC 36-T10N-R10E

ROYAL FLUSH MINE

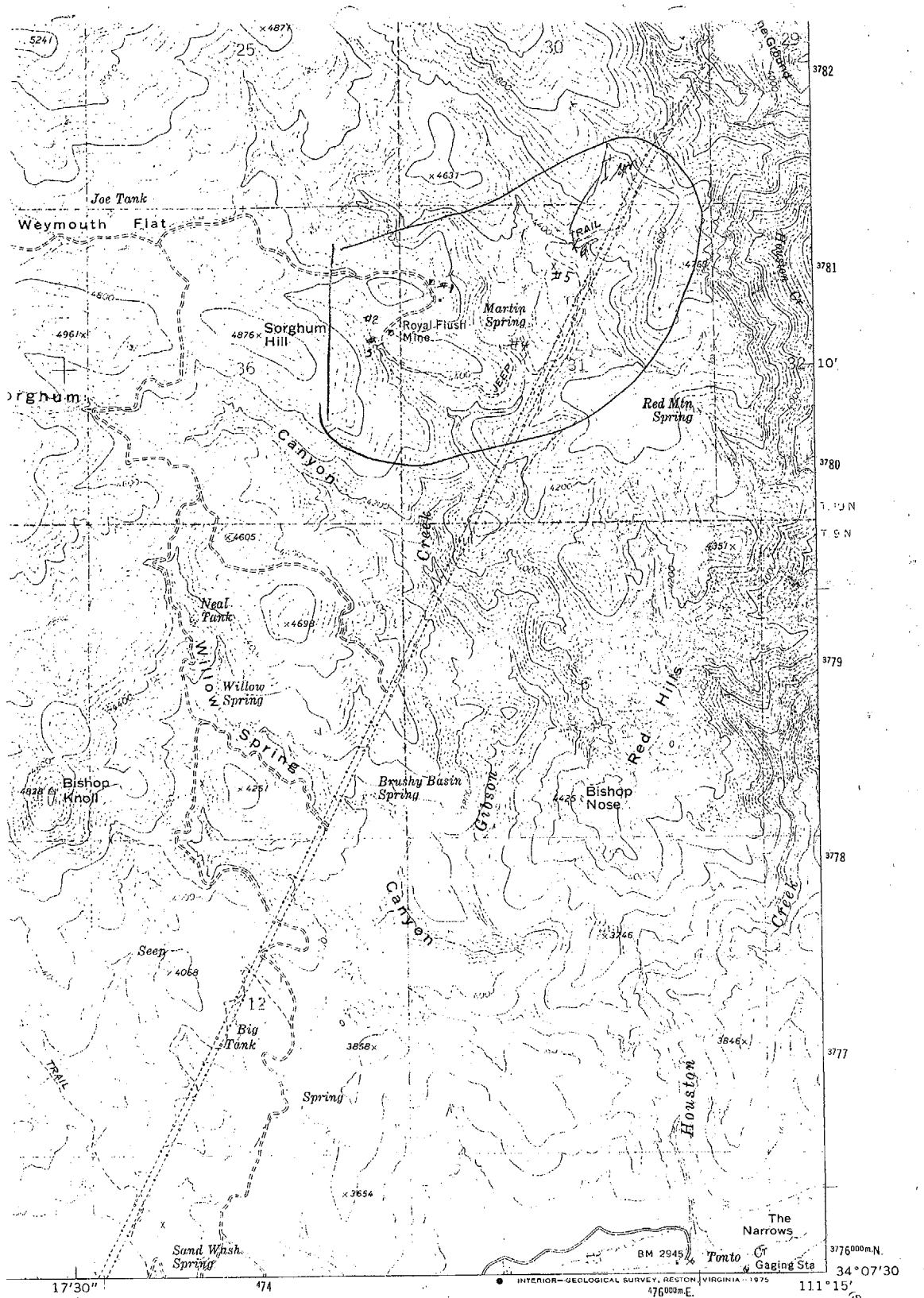
REFERENCES

GILA COUNTY

BLM Mining District Sheet 146

Mineral Investigation of the Hells Gate Roadless Area - R. A. McColly,  
1892, p. 5 and 10 - Geology File

MILS Sheet sequence number 0040070594



#### ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

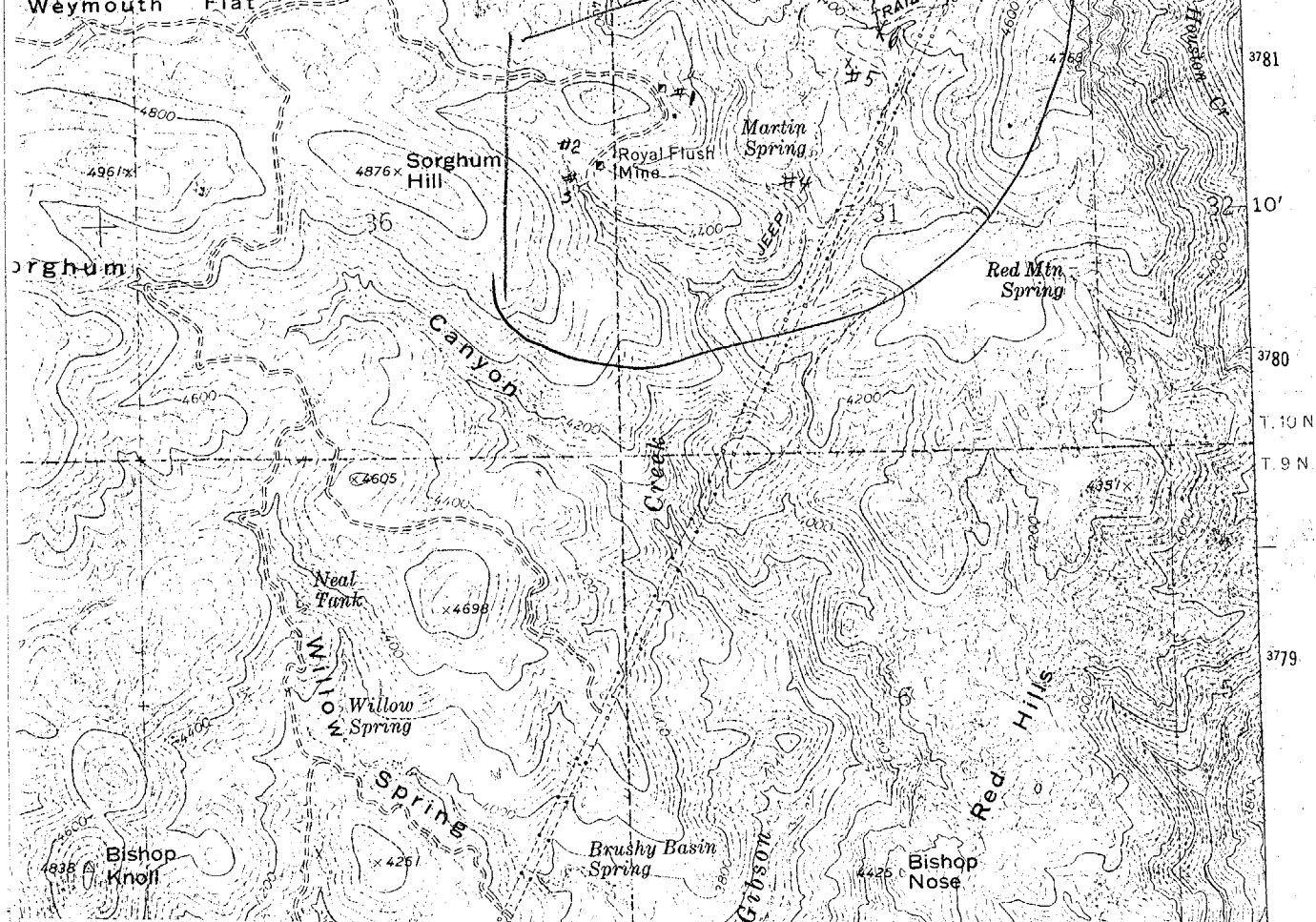


#### PAYSON SOUTH, ARIZ.

NE/4 PAYSON 15' QUADRANGLE  
N3407.5-W11115/7.5

1973

AMS 3752 III NE-SERIES V808







United States  
Department of  
Agriculture

Forest  
Service

Payson  
Ranger  
District

1009 E. Highway 260  
Payson, AZ 85541  
Phone: 928.474.7900  
Fax: 928.474.7999

*File*

File Code: 2810

Date: July 22, 2003

Dear Interested Party:

*Gila*  
*Royal Flush (f)*  
*Gila Co.*

To provide for public safety and ensure resource protection the Forest Service is considering the closure and rehabilitation of four mines known as the Royal Flush, Golden Wonder, Maggie and Callahan Mines. All four of these mines are located within the boundary of the Payson Ranger District, Tonto National Forest. Exhibits A & B are maps and legal description of the mine locations. The Royal Flush Mine has two vertical shafts and an adit, the Callahan consists of a 20 foot deep shaft and one adit, the Maggie Mine has two partially collapsed adits, and the Golden Wonder has four adits. All of these mines are readily accessible by the public, and as such, are an imminent hazard. None of these mine openings are secured in any fashion to prevent public entry. State law requires that inactive mines be secured (ARS 27-318).

The potential effects on physical resources and social issues will be analyzed. It is anticipated that the Royal Flush Mine will be closed with gates to allow for free access by bats that are known to use that mine. Filling the portals and collars with dirt and rock is being considered for the other three mines due to the unstable conditions and lack of apparent use by wildlife.

It is not intended that the mine areas be withdrawn from entry under the mining laws. If, in the unlikely event, that a future claimant would want to reopen any of these mines and further explore the potential for mineral development they can do so by following standard filing procedures.

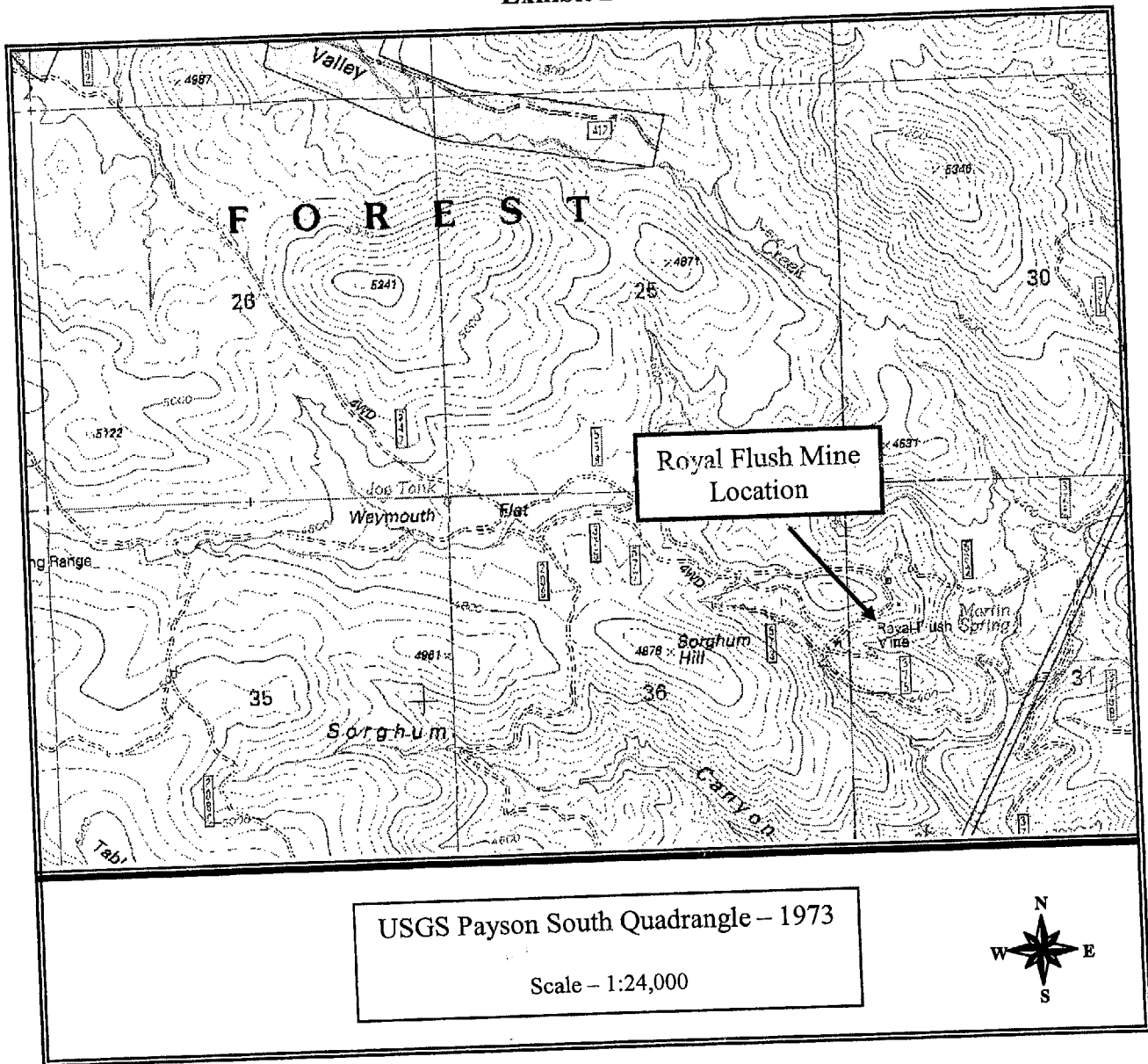
Written comments to identify issues or other alternatives that you believe should be considered are requested by August 31, 2003. We appreciate your time and interest in considering this matter. Comments should be addressed to: Rod Byers, Lands and Minerals Staff, Payson Ranger District, 1009 E. Highway 260, Payson, Arizona 85541; 928/474-7900.

Sincerely,

EDWARD E. ARMENTA  
District Ranger



**Exhibit B**



**Royal Flush Mine Closure**  
Township 10 North, Range 10 East, Section 36 G&SRM

Payson Ranger District  
Tonto National Forest  
Gila County, Arizona



ROYAL FLUSH

YAVAPAI COUNTY

KAP WR 6/26/81: Phil Hull reported he is planning to set a heap leaching operation at his Royal Flush Mine in the Green Valley District, Gila County.

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**DEPARTMENT OF MINERAL RESOURCES**

**STATE OF ARIZONA  
FIELD ENGINEERS REPORT**

Mine Royal Flush Mine  
Other Name: Hull Claims

Date February 19, 1979

District Green Valley  
Gila County

Engineer Ken A. Phillips

Subject: Mine visit, February 14, 1979 and present activity

References: DMR Engineers Report; Lewis A. Smith, June 24, 1964

Owners: R. W. Hull & Phil Hull, P. O. Box 461 Payson, AZ 85541; street address is 403 Ash Street, Payson

Property: Royal Flush #1-14

Location: Sec. 30 & 31, T10N R11E  
Sec. 36 T10N R10E  
Payson South, Arizona 7½ Topographic Quadrangle

Visit: In the company of Phil Hull, four <sup>sights</sup> were visited on the claim group. These and two additional sights are shown on the attached copy of a topographic map and are discussed.

Description: 1. The sight of a quartz fissure vein in diorite (granodiorite). The vein pinches and swells with a maximum surface width of about 20'. The vein can reportedly be traced for 500-600 feet on the surface. The vein strikes N60°E and dips 80°N. Vein material consists of massive quartz and masses of schistose material. Economic minerals include chrysocolla, malachite, gold and silver mineral with iron oxides. The vein has been developed by a 450' drift along the footwall.

2. At this sight is a quartz vein with oxide of copper and iron. The vein is approximately eight feet wide, strikes N32°E and dips 62°S. It is developed by a small cut along the vein.

3. At this sight a 35' shaft has been sunk adjacent to a 10 foot wide sulfide vein. A 60° incline from the bottom of the shaft extends 35' in the sulfide. The sulfides consist of pyrite and chalcopryrite.

4. At this sight a dipping bed or vein of limonitic rock outcrops in Gibson Wash. The outcrop consists of massive hematitic-limonitic material.

5. This sight was not visited. It is the so called "hoist area" and is reported to show massive leached outcrop containing abundant iron oxide material and free gold.

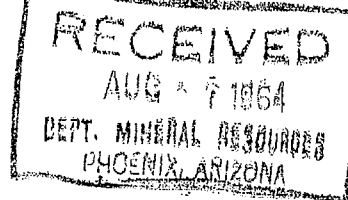
6. This sight was not visited. A sample from the sight contains limonitic rock.

Suggestions: Since a number of holes have been drilled in the area of sight #1, these should be mapped showing surveyed locations and a log for each hole should be prepared. Samples should be taken of all workings and a sample map made showing assay data.

Bulk samples should be taken from the most promising areas to determine if shipping grade ore is available at any face. Results and representative samples could then be submitted to possible buyers.

If a potential buyer exists, a trial shipment should be mined and shipped of the best material.

DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT



Date: 8-4-64

1. Mine: Royal Flush
2. Location: Sec. 25/30  
36/31 Twp. T-10-N Range R-11-E Nearest Town Payson Ariz. Distance 6 Mi.  
Direction Sou. East Nearest R.R. Phoenix Ariz. Distance 90 Mi.  
Road Conditions Paved Highway #87 & approx 4 miles dirt road with 3% to 7% grade
3. Mining District and County: Green Valley Mining District, Gila County.
4. Former Name of Mine: Royal Flush
5. Owner: R. W. Hull & Philip Hull  
Address: P.O. Box 461 Payson Ariz. or 5230 N. Hollowell  
Tempe City Calif.
6. Operator: Same  
Address: Same
7. Principal Minerals: Copper, Gold & Silver
8. Number of Claims: Lode 14 Patented \_\_\_\_\_ Unpatented unpatented  
Placer \_\_\_\_\_ Patented \_\_\_\_\_ Unpatented \_\_\_\_\_
9. Type of Surrounding Terrain: Mildly rolling to mildly rugged  
also see introductory description
10. Geology and Mineralization: see introductory description
11. Dimension and Value of Ore Body: see introductory description of  
property

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

(over)

12. Ore "Blocked Out" or "Light": *See introductory description Page 2*

Ore Probable: *See introductory description, Page 2*

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts	<i>240 in all</i>	<i>prospector shafts</i>
Raises		
Tunnels	<i>450'</i>	<i>no timbering was necessary</i>
Crosscuts	<i>200'</i>	<i>surface trenching</i>
Stopes		

14. Water Supply: *approx 1500 gal per day from two springs*

15. Brief History: *we have been interested in these claims beginning April 1937 & finally bought (10) ten claims in 1941*

16. Remarks:

17. If Property for Sale, List Approximate Price and Terms: *Satisfactory terms can be worked out for prospective buyers*

18. Signature: *R. W. H. and Phil R. H. H.*

## INTRODUCTORY DESCRIPTION.

By way of introducing you to this property, we thought it best to describe briefly as follows:

These fourteen Mining Claims, comprising approximately (300) acres, are located in the Green Valley Mining District of Gila County, Arizona, and are situated approximately five miles Southeast of Payson, Arizona, approached by way of (paved) State Highway (87), or Beeline Highway South and good all weather mountain road East.

The terrain is from mildly rolling to mildly rugged, at an approximate elevation of 4,700 feet. The growth is varied from short growth cactus and scrub brush such as manzanita, scrub oak, mesquite and laurel to small juniper and pinon pine trees.

Located on Federal Forest Land, it is bordered on the East end by deep canyons which have walls or eruptives viz: Granite, Riolite, altered dacite, and diorite. On the Southeast, is a fairly large uprising comprised of red hematite in an altered sandstone through which the Arizona Public Service Company drilled for footings on the big towers for the power line which passes here. These drillings encountered some oxides such as Malechite, chrysocola, and azurite at shallow depths,

The mineralized zone (exposed) appears to be from 1/2 mile to 3/4 mile in width and would seem to be a contact Metamorphic deposition between Granite on the North side and Quartzite and Riolite on the South side. Although there are many surface croppings of copper replacement of iron in Diorite and Diabase, the better ores encountered have been in acid rock where Tetrahedrite, Bornite and Chalco-pyrite have been found.

In one instance there appears near the surface, considerable porphyry with a fair amount of Chalco-pyrite and bornite disseminated throughout. In another place there appears a cropping which seems to indicate a large chimney of quartz, and iron magnetite containing copper oxide and some manganese with iron magnetite capping. There has been about (800) feet of work done on this property consisting of tunnels and shafts. We have done a small amount of probing with a prospect diamond drill. Surface copper ores have been encountered assaying from 2% to 45%, and this being located in a gold district, gold of course is ever present in varying amounts.

Shipments made from various small properties Westerly from these claims, would seem to indicate that the mineralization extends for several miles. Evidence would indicate that the principal metals of economic value to be encountered would be copper, silver, and gold, although in a contact metamorphic of this magnitude almost anything could show up. Some of the ores extracted thus far are on the property and available for examination.

[The page contains extremely faint, illegible text, likely bleed-through from the reverse side. The text is organized into several paragraphs, with some lines appearing as bold or italicized headings. Due to the low contrast and noise, the specific content cannot be transcribed.]

(2)

INTRODUCTORY DESCRIPTION.

In our opinion, there is sufficient evidence that the oxides could well be taken by 'Open Pit' operation, but with the evidence of the sulphides on the surface, it would seem that the strong implication of the higher grade sulphides to be encountered below, almost any means of extraction would prove profitable. It is further our opinion, that the property and its potential could well be proven by a relatively inexpensive drilling procedure.

Water is available on the property, principally from one prolific spring which never goes dry. Since the Arizona Public Service Power Line passes over a part of the property, it is obvious that the power could be made available on short notice.

We trust that this brief description may be of some help and are available for any other information you may desire.

Respectfully submitted by

R. W. HULL.



## DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

FILED

AUG 14 1964

Mine HULL CLAIMS

Date 6/24/64

District GREEN VALLEY DIST., GILA COUNTY

Engineer Lewis A. Smith

Subject: MINE VISIT 6/24/64

PROPERTY: 20 claims (300 acres)LOCATION: Sec. 30-31, T10N, R11E  
Sec. 36, T10N, R10EACCESS: Travel  $2\frac{1}{2}$  miles south from Payson on the Beeline Hwy. to road marked 249, and thence left 4 miles (east) on the Public Service Co. access graded road to the mine ( $\frac{1}{4}$  miles west of Joseph City to Tempe main power lines).OWNER: R. W. Hull, Box 461, PaysonMINERAL: Principally Copper, gold and silver. Chalcopyrite, pyrite, chalcocite, cuprite, malachite and chrysocolla. (bornite is occasionally present).

WORK: Several open cuts widely spaced along a silicified shear zone. A 45-foot inclined shaft near the center of the claims is the principal opening.  $\frac{3}{4}$  mile NE of the shaft is an adit 30 feet long. Immediately below (150 feet) the shaft to the east is a 450 foot cross-cut adit that has a 51-foot drift to the north. This was calculated to undercut the ore showings around the 45-foot shaft. SW of the 45-foot shaft approx  $\frac{1}{4}$  mile, is an open cut 50 feet long, 5-6' wide and up to 15 feet deep. This is lower in elevation than the 45-foot shaft and shows pyrite in various stages of oxidation. This centers a large area that is intensely iron oxide stained and whose long axis trends towards the shaft. Outcrops were seldom seen between this cut and the shaft. The pyrite in the cut, was pitted badly and locally coated by chalcocite. The dump material from the long adit showed frequent quartz stringers and some copper minerals, some of which is chalcocite and cuprite. The tunnel was not safe, but Hull said that this type of mineralization was evident along its entire length. Much epidote was also present and local areas were strongly impregnated with specular hematite. Hull said that in the area around the drift from this adit there was much brecciated diorite that was severely altered. This could be the downward extension of the "blow-out" or structural chimney that surrounds the 45-foot shaft above the adit.

The principal shear pattern appears to trend about N 60-70 deg W. At the 45-foot shaft the shear is crossed by, more or less, north-south faulting. This structural locus has created a chimney, perhaps 100-feet in diameter. This is well mineralized by quartz, chalcopyrite, chalcocite, and cuprite as well as much epidote and specular hematite. The area is, otherwise, mainly brecciated and strongly bleached diorite. Some better mineralized areas are reported, by Hull, to run 1.35 oz gold and up to 60 per cent copper. Lead and zinc have not been seen in the area. A small ore pile at the shaft, according to Hull ran 19.1 per cent copper and 4.78 oz silver. A sample from the shaft, near the bottom, ran 60.18 per cent copper, 16.4 oz silver, and 0.04 oz gold to the ton. (This was selected from a better area). This area occasionally shows small lumps of bornite.

The impression was gained that the better mineralized areas were localized, particularly at the fracture loci, and, since little work had been done between these loci and the mantle of soil is general, it was not possible to see what might occur between the loci.

The presence of strong enrichment in loci over a considerable area is suggestive and testing by drilling would appear to be in order, after a good structural map was made. However, where the diorite could be observed, in road cuts, (pretty well distributed) it was erratic in the degree of alteration, especially outside of the loci. Several places show little alteration.

31

MR-24

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date April 8, 1940

Mine Royal Flush

District - Green Valley Mining Dist.  
Gila County

Location - 6 miles southeast  
from Payson.

Former Name

Owner - Walter L. Haught

Address - Payson, Arizona

Operator - Walter L. Haught

Address - Payson, Arizona

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Copper, Gold, Silver

Men Employed - 2 to 3

Production Rate - Varies with method of  
sorting

Mill: Type & Cap. - None

Power: Amt. & Type

Operations: Present

Operations Planned -

ROYAL FLUSH

Cu, Au, Ag

Gila

4 - 1

T 9 N, R 11 E

Walter L. Haught, Payson

'40

which is taken out while getting shipping ore.

Number Claims, Title, etc. - 2 unpatented claims. (these do not cover the  
mineralized ground)

Description: Topography & Geography - The average elevation of the country is  
about 4500 ft. The country on which the claims are located is  
generally steep. With the difference between the highest and  
lowest points on the vein about 300 ft. These claims are located  
about 2 miles east of Bishops Knoll, with Gibson Creek crossing  
them.

Mine Workings: Amt. & Condition - Practically undeveloped. Workings consist of  
one cut run in to about a 20 ft. breast at which point the vein  
shows over 30 ft. of width with only one wall exposed. About  
1,000 ft. along the vein from this point is another cut and short  
drift on which we are now working where the vein shows more than  
100 ft. of width. There are a few other shallow cuts and pits.

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Principal Metals - Copper, Gold, Silver

Men Employed - 2 to 3

Production Rate - Varies with method of  
sorting

Mill: Type &amp; Cap. - None

Power: Amt. &amp; Type

Operations: Present - Open cutting and drifting on vein.

Operations Planned - Intend to open the vein with drifts, cuts and shallow shaft work along the vein over a distance of between 1,000 to 1,500 ft. and install small leaching plant to handle the copper carbonate that has redeposited in the porphyry intrusions which is taken out while getting shipping ore.

Number Claims, Title, etc. - 2 unpatented claims. (these do not cover the mineralized ground)

Description: Topography & Geography - The average elevation of the country is about 4500 ft. The country on which the claims are located is generally steep. With the difference between the highest and lowest points on the vein about 300 ft. These claims are located about 2 miles east of Bishops Knoll, with Gibson Creek crossing them.

Mine Workings: Amt. & Condition - Practically undeveloped. Workings consist of one cut run in to about a 20 ft. breast at which point the vein shows over 30 ft. of width with only one wall exposed. About 1,000 ft. along the vein from this point is another cut and short drift on which we are now working where the vein shows more than 100 ft. of width. There are a few other shallow cuts and pits.

Geology & Mineralization - The ore is sulphide with of course some oxide at the shallow depth of the work done. This seems to be a fissure vein running SW to NE. The SE wall is a brown lime porphyry. The NW wall is diorite, which is broken by a granite porphyry or probably dacite (I have heard it called everything) dike about 1000 ft. wide, which forms a capping for the vein. The NE end butts against a jasper and quartz dike about 2000 ft. thick, dipping to the east.

Ore: Positive & Probable, Ore Dumps, Tailings - The ore in sight would probably aggregate from 5000 to 10,000 tons, as shown up by the 20 ft. cut. The ore at this point, which is the only place any sampling has been done, shows an average of  $3\frac{1}{2}\%$  to 5% copper, \$3 to \$5 in gold, 2 to 6 ounces in silver, determined by several assays taken by several people. This vein can be traced by surface cropings for over 3000 ft. at the narrowest place, which only shows one wall, it is over 30 ft. wide and at the widest point it is over 100 ft. This vein is very difficult to sample but the above is somewhere close. Although samples taken here have run up to 8% copper and \$8 in gold, a truck load shipped by me as a sample helps bear out the above figures.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route - The claims are about  $3\frac{1}{2}$  miles from the Globe-Payson highway and while we have a road of sorts to the claims it still takes something with good clearance to be safe in getting over it. However, anyone desiring to inspect the property can contact me through any business house in Payson and I will go with them any time.

Water Supply - Gibson Creek, which crosses the claims, will furnish more than enough water for a 100-ton mill. More could be developed by a dam or sinking. On Tonto Creek, just above Gisela, which is about  $2\frac{1}{2}$  or 3 miles from the mine, is plenty of water and an ideal site for a hydro-electric plant if needed.

Brief History

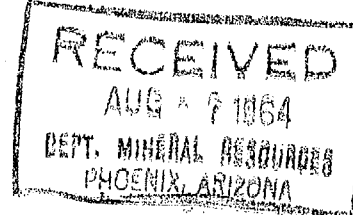
Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate - Would like to turn over 95% to some reliable party to develop the property and install a mill to handle the ore, and retain 5% interest with a minimum royalty on the 5% or \$200 monthly. This way any money which would otherwise be used as purchase price free to develop the property.

SIGNED - Walter L. Haught

DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT



Date 8-4-64

1. Mine: Royal Flush
2. Location: Sec. 25/30 Twp. T-10-N Range R-11-E Nearest Town Payson Ariz. Distance 6 mi.  
Direction Sou. East Nearest R.R. Phoenix Ariz. Distance 90 mi.  
Road Conditions: Paved Highway #87 & approx 4 miles dirt road with 3% to 7% grade
3. Mining District and County: Green Valley Mining District, Gila County.
4. Former Name of Mine: Royal Flush
5. Owner: R. W. Hull & Philip Hull  
Address: P.O. Box 461 Payson Ariz. or 5230 N. Hollowell Temple City Calif.
6. Operator: Same  
Address: Same
7. Principal Minerals: Copper, Gold & Silver
8. Number of Claims: Lode 14 Patented \_\_\_\_\_ Unpatented unpatented  
Placer \_\_\_\_\_ Patented \_\_\_\_\_ Unpatented \_\_\_\_\_
9. Type of Surrounding Terrain: Mildly rolling to mildly rugged  
also see introductory description
10. Geology and Mineralization: see introductory description
11. Dimension and Value of Ore Body: see introductory description of property

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

(over)

12. Ore "Blocked Out" or "In Sight": *See introductory description Page 2.*

Ore Probable: *See introductory description, Page 2.*

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts	<i>240' in all</i>	<i>prospector shafts</i>
Raises		
Tunnels	<i>450'</i>	<i>no timbering was necessary</i>
Crosscuts	<i>200'</i>	<i>surface trenching</i>
Stopes		

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15. Brief History: *we have been interested in these claims beginning April 1937 & finally bought (10) ten claims in 1941*

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18. Signature: *P. W. Hull and Phil R. Hull*



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

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Other Name: Hull Claims

Date February 19, 1979

District Green Valley  
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Engineer Ken A. Phillips

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Sec. 36 T10N R10E  
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3. At this sight a 35' shaft has been sunk adjacent to a 10 foot wide sulfide vein. A 60° incline from the bottom of the shaft extends 35' in the sulfide. The sulfides consist of pyrite and chalcopyrite.

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Gila County

Location - 6 miles southeast  
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Former Name

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Operator - Walter L. Haught

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Mine Supt.

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Mill: Type & Cap. - None

Power: Amt. & Type

Operations: Present - Open cutting and drifting on vein.

Operations Planned - Intend to open the vein with drifts, cuts and shallow shaft work along the vein over a distance of between 1,000 to 1,500 ft. and install small leaching plant to handle the copper carbonate that has redeposited in the porphyry intrusions which is taken out while getting shipping ore.

Number Claims, Title, etc. - 2 unpatented claims. (these do not cover the mineralized ground)

Description: Topography & Geography - The average elevation of the country is about 4500 ft. The country on which the claims are located is generally steep. With the difference between the highest and lowest points on the vein about 300 ft. These claims are located about 2 miles east of Bishops Knoll, with Gibson Creek crossing them.

Mine Workings: Amt. & Condition - Practically undeveloped. Workings consist of one cut run in to about a 20 ft. breast at which point the vein shows over 30 ft. of width with only one wall exposed. About 1,000 ft. along the vein from this point is another cut and short drift on which we are now working where the vein shows more than 100 ft. of width. There are a few other shallow cuts and pits.

Geology & Mineralization - The ore is sulphide with of course some oxide at the shallow depth of the work done. This seems to be a fissure vein running SW to NE. The SE wall is a brown lime porphyry. The NW wall is diorite, which is broken by a granite porphyry or probably dacite (I have heard it called everything) dike about 1000 ft. wide, which forms a capping for the vein. The NE end butts against a jasper and quartz dike about 2000 ft. thick, dipping to the east.

Ore: Positive & Probable, Ore Dumps, Tailings - The ore in sight would probably aggregate from 5000 to 10,000 tons, as shown up by the 20 ft. cut. The ore at this point, which is the only place any sampling has been done, shows an average of  $3\frac{1}{2}\%$  to 5% copper, \$3 to \$5 in gold, 2 to 6 ounces in silver, determined by several assays taken by several people. This vein can be traced by surface cropings for over 3000 ft. at the narrowest place, which only shows one wall, it is over 30 ft. wide and at the widest point it is over 100 ft. This vein is very difficult to sample but the above is somewhere close. Although samples taken here have run up to 8% copper and \$8 in gold, a truck load shipped by me as a sample helps bear out the above figures.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route - The claims are about  $3\frac{1}{2}$  miles from the Globe-Payson highway and while we have a road of sorts to the claims it still takes something with good clearance to be safe in getting over it. However, anyone desiring to inspect the property can contact me through any business house in Payson and I will go with them any time.

Water Supply - Gibson Creek, which crosses the claims, will furnish more than enough water for a 100-ton mill. More could be developed by a dam or sinking. On Tonto Creek, just above Gisela, which is about  $2\frac{1}{2}$  or 3 miles from the mine, is plenty of water and an ideal site for a hydro-electric plant if needed.

Brief History

Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate - Would like to turn over 95% to some reliable party to develop the property and install a mill to handle the ore, and retain 5% interest with a minimum royalty on the 5% or \$200 monthly. This way any money which would otherwise be used as purchase price free to develop the property.

SIGNED - Walter L. Haught

MR-24

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date April 8, 1940.

Mine ROYAL FLUSH

District Green Valley Mining District,  
Gila County.

Location Six miles South east from Payson.

Former name

Owner Walter L. Haught. ✓

Address Payson, Arizona.

Operator " "

Address " "

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Copper, Gold, Silver ✓

Men Employed 2 to 3

Production Rate Varies with method of sorting.

Mill: Type & Cap. None.

Power: Amt. & Type

Operations: Present Open cutting and drifting on vein.

Operations Planned Intend to open the vein with drifts, cuts and shallow shaft work along the vein over a distance of between 1,000 to 1,500<sup>feet</sup>, and install small leaching plant to handle the copper carbonate that has re-deposited in the porphyry intrusions which is taken out while getting shipping ore.

Number Claims, Title, etc. 2 unpatented claims. (these do not cover the mineralized ground)

Description: Topog. & Geog. The average elevation of the country is about 4,500 ft. The country on which the claims are located is, generally, steep. With the difference between the highest and lowest points on the vein about 300 ft. These claims are located about 2 miles east of Bishops Knoll, with Gibson Creek crossing them.

Mine Workings: Amt. & Condition Practically undeveloped. Workings consist of one cut run in to about a 20 ft. breast at which point the vein shows over 30 ft. of width with only one wall exposed. About 1,000 ft. along the vein from this point is another cut and short drift on which we are now working where the vein shows more than 100 ft. of width. There are a few other shallow cuts and pits.

## Geology & Mineralization

The ore is sulphide with of course some oxide at the shallow depth of the work done. This seems to be a fissure vein running S. W. to N. E. The S. E. wall is a brown lime porphyry. The N. W. wall is diorite, which is broken by a granite porphyry, or probably dacite ( I have heard it called everything) dike about 1,000 ft. wide, which forms a capping for the vein. The N. E. end butts against a jasper and quartz dike about 2,000 ft. thick, dipping to the east.

## Ore: Positive & Probable, Ore Dumps, Tailings

The ore in sight would probably aggregate from 5,000 to 10,000 tons, as shown up by the 20 ft. cut. The ore at this point, which is the only place any sampling has been done, shows an average of  $3\frac{1}{2}\%$  to 5% copper, \$3 to \$5 in gold, 2 to 6 ounces in silver. determined by several assays taken by several people. This vein can be traced by surface cropings for over 3,000 ft., at the narrowest place, which only shows one wall, it is over 30 ft. wide and at the widest point it is over 100 ft.

## Mine, Mill Equipment & Flow Sheet

This vein is very difficult to sample, but the above is somewhere close. Although samples taken here have run up to 8% copper and \$8.00 in gold, a truck load shipped by me as a sample helps bear out the above figures.

## Road Conditions, Route

The claims are about three and a half miles from the Globe-Payson highway and while we have a road of sorts to the claims it still takes something with good clearance to be safe in getting over it. However, anyone desiring to inspect the property can contact me through any business house in Payson and I will go with them any time.

## Water Supply

Gibson Creek, which crosses the claims, will furnish more than enough water for a 100 ton mill. More could be developed by a dam or sinking. On Tonto Creek, just above Gisela, which is about  $2\frac{1}{2}$  or 3 miles from the mine, is plenty of water and an ideal site for a hydro-electric plant if needed.

## Brief History

## Special Problems, Reports Filed

## Remarks

If property for sale: Price, terms and address to negotiate. Would like to turn over 95% to some reliable party to develop the property and install a mill to handle the ore, and retain 5% interest with a minimum royalty on the 5% or \$200 monthly. This way any money which would otherwise be used as purchase price free to develop the property.

Signed \_\_\_\_\_  
Walter L. Haught.

Use additional sheets if necessary.



MINERAL SURVEY  
No. 4636  
ARIZONA

Surveyed Dec. 12, 1965 to May 6, 1966  
By Robert E. Adams, Mineral Surveyor

*I hereby certify that this plat of Mineral Survey No. 4636, Arizona, is strictly conformable to the field notes of said survey which have been examined and approved.*

Fred J. Weiler  
State Director

