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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CROWN KING MINE

ALTERNATE NAMES:

PATENTED CLAIMS MS 824
PATENTED CLAIMS MS 1716
PATENTED CLAIMS MS 825

YAVAPAI COUNTY MILS NUMBER: 806C

LOCATION: TOWNSHIP 10 N RANGE 1 W SECTION 10 QUARTER NE
LATITUDE: N 34DEG 13MIN 28SEC LONGITUDE: W 112DEG 20MIN 34SEC
TOPO MAP NAME: CROWN KING - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
COPPER
LEAD
ZINC
VANADIUM

BIBLIOGRAPHY:

USGS CROWN KING QUAD
ADMMR CROWN KING MINE FILE
LINDGREN, W. ORE DEPTS JEROME & BRADSHAW MTNS
QUADS USGS BULL 782 1926 P 168
GUITERAS, J.R. GOLD MNG. & MILLING IN BLACK
CANYON AREA USBM IC 6905 1936 P 39
AZ MINING JOURNAL JULY 1918 P 2L
ALLEN, M.A., VANADIUM AZBM BULL. 115,1921,P13
KOSCHMANN, A.H. & M.H. BERGENDAHL PRINCIPAL
GOLD PRODUCING DISTRICTS OF U S USGS PP 610 1968
P 50

01/20/88

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

MM-K143 Gold Ore

Yavapai Co.

Pine Cove Dist

Crown King Mine

MISS # 806C

2- AKA's

Crown King mine file

CROWN KING MINE

YAVAPAI COUNTY

ABM Bull. 115 p. 13
ABM Bull. 137 p. 56
ABM Bull. 140 p. 101

USGS Bull. 782 p. 168
USGS P.P. 610 p. 50

Tuscumbia Group (file)
Union Mine or Old 94 Mine (file)

Production to 1922 \$1,200,000 -
major metal gold - ~~J.W. Still figures~~
(~~corres. file~~) *ABM Bulletin 140 p. 101*

SEE: IC 6905 p. 39

Ariz. Mng. Journal July, 1918, p. 26
Arizona Mining Journal Jan. 1, 1922 p. 25
Jan. 15, 1922 p. 19 ; 12/1/22, p. 46

Skillings Mining Review, January 26, 1974, p. 22

OF MINERAL RESOURCES
ate of Arizona
Building, Fairgrounds
ENIX, ARIZONA

PHC-NIX
FEB 10
9-PM
1958
ARIZ.

RETURN TO WRITER
REASON FOR NON-DELIVERY CHECKED:
Unclaimed _____
Deceased _____
Moved, Left no address _____
No such post office in state named _____

~~Mr. Silas P. Silverman
Box 100,
Crown King, Arizona~~

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

~~December 10, 1957~~

February 19, 1958

To the Owner or Operator of the Arizona Mining Property named below:

<u>GOLDEN CROWN MINING CO.</u>	CHALCOPYRITE, GALENA, SILVER, GOLD
(Property)	(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

1915

Crown King Tailings

The pile of tailings accumulated at the old Crown King mill and which were sold a few weeks ago have received their initial test under the oil floatation process and it is stated with very satisfactory results, the tailings being perfectly amenable to this process. This result was anticipated. For several years and under different mechanical devices the tailings have undergone attempts at treatment but all past endeavors have fallen short of the work. It is hoped now that the values will be extracted successfully.

The Crown King area is highly mineralized and carries an ore that resembles closely in character and mineral contents the better grade Tonopah ores. The prospectors and miners who are migrating to Yavapai country are very favorably impressed with the Crown King field and are devoting their energies to mineral research therein with considerable success. Among their number are several former Nevadans and Coloradoans— notably Jim Sullivan, Cripple Creek and Tonopah pioneer. 2-1916

Premiums

November 13, 1946

Mr. Silas P. Silverman, President
Golden Crown Mining Company
Crown King, Arizona

Dear Mr. Silverman:

I have read yours of the 9th with much interest and you and I are well agreed on all of these points.

I have recently been made chairman of the Phoenix Chamber of Commerce's Mining Committee, and believe I am educating and obtaining the cooperation and the better understanding of that body, which should help.

Along this line I am attaching a copy of a recent report I made in public to the Chamber - just to show you how closely our ideas coincide.

I have written several articles and made a good many talks to create a better understanding of mining by the general public. I think this has done some good, but our facilities are far too limited.

You will also note that our annual report is much along the lines you mention.

We hope to be able to get more money to broaden out this work in the future.

Yours very truly,

Chas. H. Dunning
Director

CHD:LP
Enc.

June 27, 1945

Office of Defense Transportation
328 Security Building
Phoenix, Arizona

Attention: Mr. E. C. Corbell

Gentlemen:

We have the file you forwarded to us re the application for a new truck by the Golden Crown Mining Company of Crown King, Arizona.

We know this company and Mr. Silverman and believe his operations require a new truck. They have taken over several mines in the district and have rebuilt the Crown King mill to make a (copper-lead-zinc product) from the ores from these mines.

Contract hauling under such conditions is often economically impossible. The mill must be kept in ore but its requirements may be somewhat irregular. It is an out of the way district and a contractor must be brought in from the outside. I have recently had some very unfortunate experiences myself with contract haulers in that vicinity and if I didn't have my own truck to do my own hauling at my own operation, I would be forced to close down.

We believe Mr. Silverman is entitled to a new truck and trust his application will be approved.

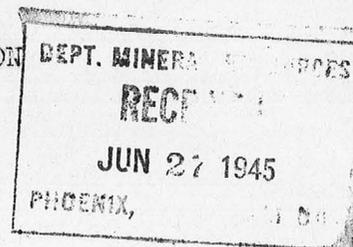
Yours very truly,

Chas. H. Dunning
Director

CHD:LP
Enc.

DAO-12

OFFICE OF DEFENSE TRANSPORTATION
HIGHWAY TRANSPORT DEPARTMENT
328 Security Building
Phoenix, Arizona



June 25, 19 45

To: Arizona Department Of Mineral Resources
From: E. C. Corbell, District Manager
Subject: Vehicle Allocation Request No. W- 8-08-4249

Golden Crown Mining Company

Crown King, Arizona

We are transmitting herewith a true copy of the above identified application and any supporting papers.

Please review the facts and furnish us with your recommendation as to whether or not the application should be approved.

We shall appreciate your recommendation with the return of the application and attachments.

MAY WE HAVE YOUR RECOMMENDATION IN DUPLICATE?

Attachments

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date June 18 1945
 Name of Mine Golden Crown Mining Co.
 Owner or Operator Same
 Address Crown King Arizona
 Mine Location Crown King

DEPT. MINERAL RESOURCES
Filing Information

File System JUN 23 1945
 File No. PHOENIA

ARIZONA

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production ; Development ; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months 75 tons mill or per day

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month <small>Quarter</small>	Gallons Required Per Month <small>Quarter</small>
Personal Cars
Light or Service Trucks
Ore Hauling Trucks	<u>3</u>	<u>18000</u>	<u>9000</u>
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

concentrates of Copper, Lead and Zinc

REMARKS:

This company is equiped for both
mining and milling and are convenient
application
Approved

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By W. H. Baker

Field Engr

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

DEPT. MINERAL RESOURCES
RECEIVED
FEB 3 1945
PHOTO. ACTION

Date Jan 19 1945
Name of Mine Crown King
Owner or Operator Silas P. Silverman
Address Crown King, Ariz.
Mine Location Crown King Ariz.

Filing Information
File System.....
File No.....
This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;
Experimental (sampling) ; Owner's occasional trip.....;
Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
Approx. present rate per 3 months
Anticipated rate next 3 months
If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars
Light or Service Trucks
Ore Hauling Trucks
Compressors	280
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

.....

REMARKS:

Silas P. Silverman's application
Old -

By [Signature]
Field Eng. - D. J. M. R.

G-6 ^{M¹¹} K 143
f. 6

MINERAL SPECIMEN FOR DEPARTMENT OF LIBRARY AND ARCHIVES *Wt 1 lb*

(Do not write in this space)
Ore _____
Cabinet _____
No. _____

(Wrap each specimen separately, or place it in a substantial bag, by itself, with a number attached, identical with the number on this card.)

Specimen No. 14, collected by Carl G. Barth, Jr
Field Engineer

Name of ore Gold Ore
Minerals contained Galena, Chalcopyrite,
Gold, Silver, Sphalerite
Gangue Quartz
Depth at which taken 600
Approximate mineral content (in terms of average per ton) _____

Operator Gold Crown Mining Co.
Mine active or inactive Inactive
If inactive, when operated 1939
Specimen presented by _____
Date January 1940
Notes (Any general information regarding the history of the property.) _____

Name of mine or claim Crown King
Group _____
District Pine Grove
Location (distance and direction by highway from what town) 2 mi. N. Crown King
Owner of property Same

If more space is desired for notes, use other side.
Specimen Mus #
K-143

This specimen is now in the ADMR Museum (seek number).

DEPARTMENT OF MINERAL RESOURCES

**REPORT TO OPA ON
ACTIVE MINING PROJECT**

Date Oct 17 - 1944
 Name of Mine _____
 Owner or Operator Silas P. Sibirman
 Address Brown King - Ariz
 Mine Location Brown King - Ariz

Filing Information
 File System _____
 File No. 237 gallons
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;
 Experimental (sampling) ; Owner's occasional trip.....;
 Other (specify) To check on main power contract out Layhill Colo

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months _____
 Approx. present rate per 3 months _____
 Anticipated rate next 3 months _____
 If in distant future check (X) here _____

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	_____	_____	<u>237</u>
Light or Service Trucks	_____	_____	_____
Ore Hauling Trucks	_____	_____	_____
Compressors	_____	_____	_____
Other Mine or Mill Eqpt.	_____	_____	_____

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

REMARKS:

Necessary to straighten out mine operating problems - operations necessary for defense projects
Request approved

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By G. H. Harker
 Field Engineer

GOLDEN CROWN MINING COMPANY

PRODUCERS OF ZINC, COPPER AND LEAD

CROWN KING, ARIZONA

January 8, 1944

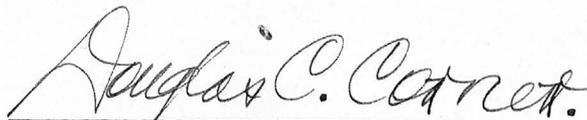
Mr. Sam Coupal,
Arizona Small Mine Operators Asn.,
528 Title & Trust Bldg.,
Phoenix, Arizona.

Dear Mr. Coupal:

We have applications pending in Washington for additional Premiums on Copper, Lead and Zinc, for our Tiger Mine, and for Copper on our Crown King Mine and our Lincoln Lease. These applications were made to Mr. Landon Strobel, Ex. Secretary, Quota Committee, Premium Price Plan for Copper, Lead and Zinc.

We will deeply appreciate any help that your office or Mr. Broadgate can give us on expediting these applications.

Sincerely yours,



Douglas C. Corner, President,
Golden Crown Mining Company.

C
No reply

1934 Bull No. 137

hedrite occur in the quartz of the unoxidized zone. Although some free gold is present in the primary zone, most of the ore mined was partly oxidized. In places, this ore contains \$100 worth of gold and silver per ton, but the primary ores are generally about one-tenth as rich. Either silver or gold may predominate, but the richer silver ore tends to be accompanied by abundant ankerite. The water level in the Crown King mine is 250 feet below the surface.

The veins appear to be genetically connected with either the granodiorite or the rhyolite-porphry and are probably of Mesozoic or early Tertiary age.

* CROWN KING GROUP

The Crown King group of claims, southeast of Towers Mountain, includes the Crown King vein which has yielded the most of any deposit in the district.

*History.*⁷³ During the early days, this deposit yielded rich gold ore from near the surface. From 1890 to 1895, the property was operated by the Crown King Mining Company. Their 10-stamp mill caught \$10 to \$12 per ton on the plates and made a lead concentrate that contained \$150 to \$350 in gold and silver per ton, besides a middling that carried 15 per cent of zinc and \$12 in gold per ton. The middlings were stock-piled, and the concentrates were packed to Prescott, some 40 miles distant, at a cost of about \$21.50 per ton. In 1895, the property was bonded to H. B. Chamberlin and Company, of Denver. The mine was operated until 1901 when it was closed by court order. During the 1890-1901 period, the ore shoot was followed to a depth of 650 feet, with an estimated production of \$1,500,000 of which \$200,000 was paid in dividends.

Transportation costs were greatly reduced by the extension, in 1899, of the Prescott & Eastern Railway into Mayer and further by the completion, in 1904, of the Bradshaw Railway from Mayer to Crown King.

During 1906 and 1907, the Crown King Mines Company worked the middlings pile and shipped concentrates containing gold, silver, zinc, iron and copper.

In 1909, the property was sold at receiver's sale to the Yavapai Consolidated Gold-Silver-Copper Company controlled by the Murphy estate, for \$75,000. In 1916, lessees organized the Bradshaw Reduction Company which installed flotation equipment and made a few tons of concentrates from old middlings. Some ore is reported to have been blocked out above the 480-foot level, but was not mined.

In 1923, the mine was taken over by the Crown King Consolidated Mines, Inc. During the winter of 1926-1927, a flood wrecked the mill. The railway tracks from Middleton to Crown King were torn up during 1926 and 1927, and the grade has been util-

⁷³ Abstracted from unpublished notes of J. B. Tenney.

ized for a road. In mill was built.

The production of t

Vein and working northeast and dips 7 granodiorite and sec intruded by a dike 6 feet in width and, t gently northward-pit with abundant sphal native gold. It is said of silver per ton.

The mine workings 150 feet below the coll each extend about 1.2 Water stands 250 feet reports, all of the ore but some ore remains

"About 4,000 feet ea an old-time property which has yielded a tioned in Raymond's r northeast, like the ot The main workings at tude of 6,300 feet. A and taps the vein at : north tunnel showed The ore is said to con nel on the north slope said to be a branch of This was worked in operating an arrastre. in diorite intruded by quartz is partly oxidiz

This property, whic northeast of the Crow as follows: "The War able on the surface for and tunnels. It has d of gold from oxidized is N. 20° E.

"A short distance to

⁷⁴ Abstracted from Lindg

⁷⁵ Quoted from Lindgren

⁷⁶ Work cited, p. 169.

Bull No. 137
1934

zone. Although most of the ore contains \$100 per ton, the primary ores are generally gold may be accompanied by silver. The Crown King mine is

with either the possibility of Meso-

of Towers Mountain yielded the most

yielded rich gold where the property was

Their 10-stamp mill made a lead concentrate of silver per ton, zinc and \$12 in value and the concentrate, at a cost of \$100 per ton, was bonded to the mine was operated. During the year, a depth of 650 feet, of which \$200,000

the extension, in 1917 and further work from Mayer

Company worked in obtaining gold, sil-

er to the Yavapai mine, owned by the Murdock family, the Bradshaw mine, equipped with equipment and shafts. Some ore is on the 10-foot level, but

the Crown King Consolidated, a flood wrecked the mine, the Crown King mine has been util-

ized for a road. In 1933-1934, a 300-ton flotation-concentration mill was built.

The production of the mine since 1890 is estimated at \$1,840,000.

*Vein and workings:*⁷⁴ The Crown King vein strikes north-northeast and dips 70° W. It cuts across the contact between granodiorite and sedimentary Yavapai schist which has been intruded by a dike of rhyolite-porphphyry. The vein averages 2 feet in width and, towards the north, splits. It contains two gently northward-pitching ore shoots. The ore consists of quartz with abundant sphalerite and pyrite and some chalcopyrite and native gold. It is said to average 0.5 ounces of gold and 4 ounces of silver per ton.

The mine workings include a 480-foot shaft, a 913-foot tunnel 150 feet below the collar, and a 500-foot winze with five levels that each extend about 1,200 feet north and from 200 to 500 feet south. Water stands 250 feet below the tunnel level. According to local reports, all of the ore down to the third level has been extracted, but some ore remains between the third and fifth.

DEL PASCO GROUP⁷⁵

"About 4,000 feet east of the Wildflower is the Del Pasco vein, an old-time property which was worked in the early days and which has yielded a considerable production. It is first mentioned in Raymond's report of 1874. The Del Pasco strikes north-northeast, like the other veins in this vicinity, and dips 70° W. The main workings are on the south side of the ridge, at an altitude of 6,300 feet. Another tunnel enters from the north slope and taps the vein at an altitude of 6,600 feet. The dump at the north tunnel showed . . . much sphalerite, pyrite, and galena. The ore is said to contain gold with little silver. An upper tunnel on the north slope at an altitude of 6,700 feet exposed a vein said to be a branch of the Del Pasco, called the Jackson Strata. This was worked in 1922 by Reoff & Carner, who were also operating an arrastre. This vein is 2 to 3 feet wide and occurs in diorite intruded by a dike of typical rhyolite-porphphyry. The quartz is partly oxidized and is said to contain \$40 a ton."

PHILADELPHIA MINE

This property, which is on the Nelson and Gladiator veins, northeast of the Crown King, has been described by Lindgren⁷⁶ as follows: "The War Eagle Gladiator is a persistent vein traceable on the surface for at least 5,000 feet and developed by shafts and tunnels. It has doubtless yielded a considerable production of gold from oxidized quartzose ore near the surface. The strike is N. 20° E.

"A short distance to the east of this fissure is the Nelson vein,

⁷⁴ Abstracted from Lindgren, W., work cited, pp. 168-69.

⁷⁵ Quoted from Lindgren, W., work cited, pp. 167-68.

⁷⁶ Work cited, p. 169.

TWO DISTINCT VEIN SYSTEMS FOUND IN CROWN KING DISTRICT

1916

By WILLIAM P. De WOLF

Two rich vein systems, as different from each other as are the veins in Goldfield from those in Tonopah, vitalize the mining industry of the Crown King country, a highly mineralized section of Yavapai county. South of Crown King basin the ore bodies are for the most part replicas of those which have made the estates of the Tonopah Mining and Tonopah Belmont companies the most valuable silver-gold mines in the United States, whereas the ore bodies north of the basin are to some degree similar to those whose golden wealth has given fame to the Goldfield Consolidated and Jumbo Extension companies.

In the bottom of Crown King basin is the camp of Crown King, made easily accessible by a switchback railroad which is a marvel of engineering skill. The Bradshaw mountains form the rim of the basin and give to it an appearance not unlike a gigantic goldpan that might have been fashioned by the hand of Nature. Above and surrounding the basin are mines having a production record that dates back to the early territorial days of Arizona. From these mines a downhill haul is afforded for the ores to the railway station in the camp of Crown King. These facilities, in a measure, supply an outlet for the mine product.

The silver-lead-zinc ores that are being mined in the hills to the south of Crown King basin present no reduction problem that cannot be solved by the oil flotation process. These ores are, in fact, now being successfully treated by that process on a limited scale in the Crown King mill and in the 20-stamp mill on the Tiger group of silver mines. The same method is likewise being employed for

the reduction of the gold ores of the Crown King field. Neither of the mills is, however, large enough to take on any appreciable tonnage of custom ore.

The hills to the north of Crown King basin are girdled by the gold belt of the Bradshaws. Many years have passed since this gold belt was first subjected to the acid test of development and found to be 20-karat fine. Throughout subsequent years, further tests have emphasized the stamp of approval placed on the belt by the pioneers. Men who have been identified with Arizona's mining industry since its inception are operating properties to the north of Crown King basin. Among the number is Frank M. Murphy of Prescott, owner of the famous Crown King mine, from which the basin derived its name.

The Crown King mine, the more thoroughly developed of Mr. Murphy's mining properties in Yavapai county, has paid in dividends upward of \$400,000. A short time ago the mine was inspected and sampled by representatives of the Guggenheims, and the result is said to have been so satisfactory that negotiations for its sale to the interests mentioned are well advanced. There is a large tonnage of from \$25 to \$30 ore blocked out in the workings, while on the dump there is a considerable tonnage of from \$15 to \$20 ore. The ore mined in early days yielded \$15 in gold to the ton and yielded concentrates having a value of \$250 per ton. The latter were packed to Prescott for shipment. Gemmell and Randolph, former Coloradoans, are working over the old tailings dump of the 20-stamp mill on the property with the aid of the oil flotation process. Their venture is said to be very remunerative.

RENEWED ACTIVITY IN CROWN KING DISTRICT

The Swastika mine near Crown King is making daily shipments of high-grade silver ores, according to E. W. Gilbreath, who came to Jerome from the property last night.

He adds that the new 100-ton cyanide mill now being erected by the Swastika Silver and Copper company will be ready for operation this summer. A large tonnage of high-grade milling ore has been blocked out and Gilbreath says that the Swastika promises to be at an early date one of the largest silver producers of the state.

Operations were started on April 1 on the North Extension of the Swastika mine, which was recently sold to Richard Kingdon, C. H. Weideman and E. W. Gilbreath, with a force of two shifts drifting and sinking on the Swastika vein system. Development work on this property will be pushed as fast as possible.

A large eastern syndicate which recently bought the old Peck mine located near the Swastika and famed for its large silver production in the early days, has started active development work on a large scale on the Peck property and has begun the erection of a mill for the treatment of the large tonnage of high-grade ore left in the mine and now being developed.

VERMONT
7/18/20

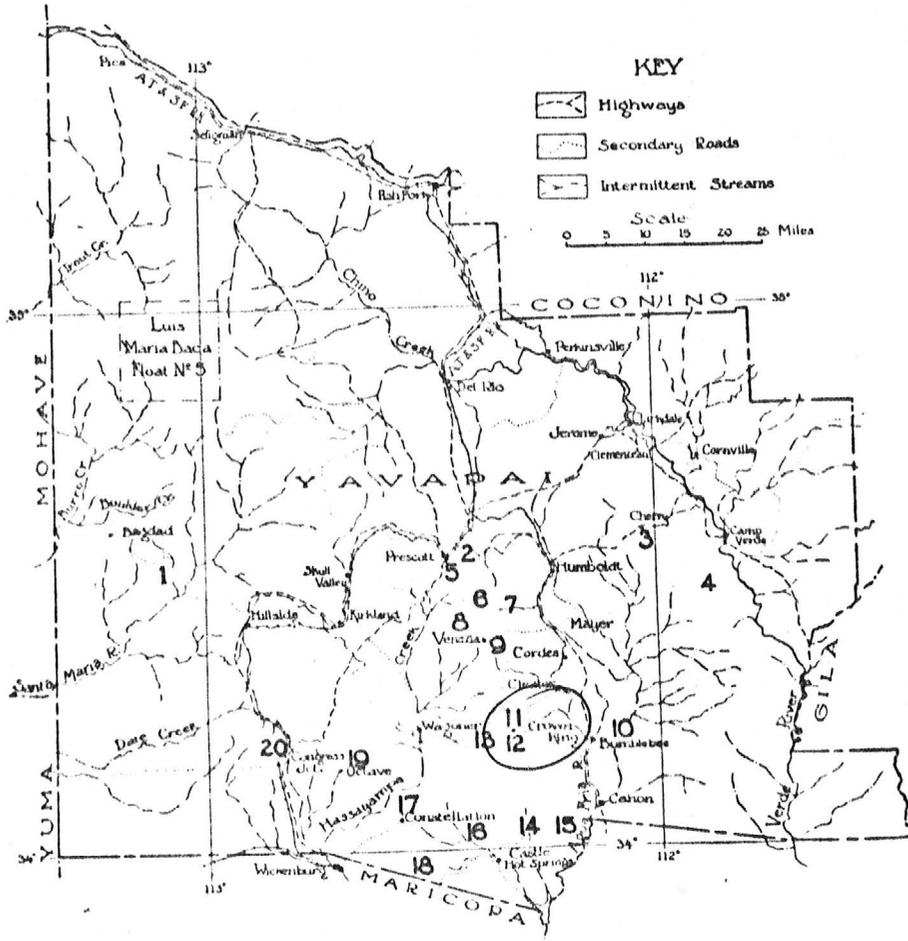


Figure 2.—Map showing location of lode gold districts in Yavapai County.

- | | |
|-----------------|----------------------|
| 1 Eureka | 11 Peck, Bradshaw |
| 2 Prescott | 12 Pine Grove, Tiger |
| 3 Cherry Creek | 13 Minnehaha |
| 4 Squaw Peak | 14 Humbug |
| 5 Groom Creek | 15 Tip Top |
| 6 Walker | 16 Castle Creek |
| 7 Bigbug | 17 Black Rock |
| 8 Hassayampa | 18 White Picacho |
| 9 Turkey Creek | 19 Weaver |
| 10 Black Canyon | 20 Martinez |

Except for certain northern and northern parts are made up of metamorphic rocks. The oldest for morphosed pre-Cambrian have been crumpled by various in folds. The principal batholithic mass is diorite and monzonite. The diorite and monzonite, regarded as porphyry dikes of Tertiary and Quaternary in places mantle.

Production: Yavapai producing counties \$50,000,000 worth from copper mines, 10 per cent from placers.

Most of the gold come from the Jerome have yielded from

Distribution: confined to the igneous intrusion.

Types: The primary are exemplified in ranges where Lithology (1) Mesozoic (2) pre-Cambrian quartz-tourmaline

⁵ Jaggar, T. A. and Geol. Survey, Fort Lindgren, W. quadrangles, Arizona. Reber, L. E., Am. Inst. Min. and Lausen, Carl, quadrangle: Joplin. ⁶ Figures compiled by ⁷ Work cited, pp. 3

TM
24
A6
nc

ARIZONA THE WONDERLAND
BY G. W. JAMES, 1917

richness, resulted in the closing down of most of these properties, so that at the beginning of 1916, practically the only big profit-earning property in the county was the United Verde Copper mines, at Jerome, owned by Senator W. A. Clark, which up to January of 1917, had paid out in the neighborhood of \$45,000,000 in dividends, and had certainly produced more than \$160,000,000 of ore.

Early in 1916 the United Verde Extension, which had been in the progress of development for twenty-four years opened up an ore body that was wonderfully rich in copper. Before a year had passed the management had developed the fact that it was probably the richest copper mine that the world has ever known, and early in 1917, the enormous quantity of rich ore had warranted the management in starting the construction of a \$2,500,000 smelter and the laying of the plans for a railroad running down the Verde Valley connecting Clarkdale with Phoenix.

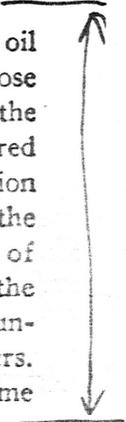
Early in 1916, the Copper Chief mine, also in the Verde district, came into the list of profit earners.

The proving up of the enormous value of the United Verde Extension resulted in the centering upon Jerome the interest of investors all over the world. As a consequence, early in 1917, there were twenty-two companies doing actual mining development in that district, with several more financed and ready to begin, and the pay roll had reached the figure of approximately \$500,000 monthly.

During this time, the properties of the Consolidated Arizona Smelting Company at Humboldt, which had been in the course of development for a great many years, was also brought into the list of profit earners. The high price of copper, resulting from the European

war, enabled the management to increase the volume of ores handled by its smelter more than tenfold. While the smelter turned out 160,000 pounds of ore per month in 1913, the output for December, 1916, was 1,700,000 pounds.

At Crown King the fact was developed that the oil flotation process would enable the complex ores of those mines to be worked to advantage. This resulted in the building of a big mill capable of handling one hundred and fifty tons of ore per day by the Bradshaw Reduction Company, after they had found that they could work the tailings of the old Crown King mill and get a profit of \$4.00 per ton from the tailings alone. At Mayer the Stoddard mines put in a mill with capacity of one hundred tons per day and entered the list of profit earners. Several other mines also became producers in the same district.



A number of the old mines in the neighborhood of Octave and Congress were able to secure the money necessary to proceed with their development. In the southern part of Yavapai County is a very rich mine—the Monte Cristo, owned by a few individuals who have opened up an enormous tonnage of smelting ore and have determined the fact that their ore body, below the 1,000 foot level, is underlaid by a great mass of copper ore. Before the year is over they will have a smelter installed.

In the extreme western part of the county where Burro Creek divides Mohave County from Yavapai County is the center of exploration work by the Lewisohn interests that by the time this book is issued will very probably mean the building of a branch railroad north from the Parker cut-off, or south from the Santa Fe main line, and the building of a new town of several thousand inhabitants.

Date Printed: 03/02/94

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

Information from: Assay Log (Tabulated by Ken A. Phillips)

Company:

Address:

City, State ZIP:

Phone:

MINE: Crown King

ADMMR Mine File: Crown King Mine

County: Yavapai

AzMILS Number: 806C

SUMMARY

The attached 5 pages is a tabulation of the data in an assay log book of amalgam from the Crown King Mine June 2, 1996 through June 8, 1999. The book has been cataloged as an item by the museum.

Ken A. Phillips, Chief Engineer Date: March 2, 1994

Crown King Mine, Yavapai County, Arizona

(Data compiled from assay laboratory record book)

BAR NO	DATE	AMALAGAM WEIGHT	RETORTED GOLD WEIGHT	WEIGHT OF BAR AVOIRD OZ	WEIGHT OF BAR TROY OZ	PERCENTAGE AFTER MELTING	GOLD FINENESS	SILVER FINENESS	GOLD VALUE PER OUNCE OF BAR	SILVER VALUE PER OUNCE OF BAR	GOLD PRICE	SILVER PRICE	TOTAL VALUE PER OUNCE OF BAR	BAR VALUE
80	05/02/96	619	175	163.00	148.50	26.30	694.00	273.00	14.340	0.1700	20.67	0.65	14.5100	2154.74
81	06/03/96	399	148	140.60	128.00	35.20	697.00	268.00	14.410	0.1700	20.67	0.65	14.5800	1866.64
82	06/14/96	166	154	154.50	141.00	34.00	693.00	278.00	14.320	0.1800	20.67	0.65	14.5000	2044.50
83	06/23/96	390	160	151.50	138.00	38.60	692.00	276.00	14.360	0.1800	20.67	0.65	14.4800	1998.74
84	07/06/96	372	152	144.00	131.00	38.70	689.00	270.00	14.450	0.1700	20.67	0.65	14.4200	1899.12
85	07/13/96	358	164	155.00	141.00	43.20	696.00	273.00	14.390	0.1700	20.67	0.65	14.5600	2052.96
86	07/21/96	424	195	183.00	165.70	43.10	698.00	253.00	14.440	0.1600	20.67	0.65	14.6000	2419.22
87	08/02/96	540	252	226.80	206.00	42.00	697.00	250.00	14.410	0.1600	20.67	0.65	14.5700	3001.42
88	08/16/96	395	176	168.00	153.00	42.50	680.00	268.00	14.040	0.1700	20.67	0.65	14.2100	2174.13
89	08/23/96	442	217	206.80	188.00	46.80	692.00	270.00	14.300	0.1700	20.67	0.65	14.4700	2720.36
90	09/03/96	492	223	213.00	194.00	43.20	687.00	280.00	14.200	0.1800	20.67	0.65	14.3500	2789.72
91	09/13/96	430	196	187.00	170.00	43.50	0.00	0.00	0.000	0.0000	20.67	0.65	0.0000	0.00
92	11/11/96	518	223	215.00	194.00	26.00	691.00	272.00	14.400	0.1700	20.67	0.65	14.4700	2808.18
93	11/17/96	642	179	165.00	150.50	25.70	685.00	262.00	14.140	0.1700	20.67	0.65	14.3100	2153.65
94	11/26/96	674	167	151.00	137.50	22.30	693.00	270.00	14.330	0.1700	20.67	0.65	14.5000	1993.75
95	12/04/96	845	230	206.50	188.00	24.40	687.00	278.00	14.400	0.1800	20.67	0.65	14.2800	2722.24
96	12/09/96	699	170	154.00	140.30	22.00	694.00	282.00	14.320	0.1800	20.67	0.65	14.5200	2037.15
97	12/18/96	847	206	184.00	167.00	21.70	691.00	287.00	14.290	0.1800	20.67	0.65	14.4700	2416.49
98	12/26/96	819	215	195.50	178.00	23.90	697.00	282.00	14.420	0.1800	20.67	0.65	14.6000	2598.80
99	01/03/97	854	215	198.00	180.00	23.10	687.00	278.00	14.200	0.1800	20.67	0.65	14.3800	2588.40
100	01/10/97	876	235	206.00	187.60	23.50	682.00	280.00	14.100	0.1800	20.67	0.65	14.2800	2678.93
101	02/04/97	683	185	165.00	150.00	24.10	682.00	284.00	14.090	0.1800	20.67	0.65	14.2700	2140.50
102	03/12/97	838	192	181.00	165.00	21.60	690.00	286.00	14.260	0.1800	20.67	0.65	14.4400	2382.60
103	03/12/97	817	189	174.00	158.00	21.30	684.00	282.00	14.140	0.1800	20.67	0.65	14.3200	2262.56
104	03/26/97	806	189	175.00	159.50	21.70	687.00	286.00	14.200	0.1800	20.67	0.65	14.3800	2293.61
105	04/03/97	814	178	165.00	150.50	20.20	690.00	290.00	14.260	0.1800	20.67	0.65	14.4400	2173.22
106	04/11/97	863	206	191.00	174.00	22.10	691.00	286.00	14.280	0.1800	20.67	0.65	14.4600	2510.04
107	04/16/97	884	215	197.00	179.00	22.20	685.00	284.00	14.160	0.1800	20.67	0.65	14.3400	2566.86
108	04/24/97	796	178	0.00	169.00	21.20	696.00	288.00	14.380	0.1800	20.67	0.65	14.5600	2460.64
109	05/02/97	911	200	0.00	189.00	20.70	701.00	294.00	14.490	0.1900	20.67	0.65	14.6800	2774.52
110	05/08/97	705	169	0.00	161.00	22.70	693.00	286.00	14.320	0.1800	20.67	0.65	14.5000	2334.50

Crown King Mine, Yavapai County, Arizona

(Data compiled from assay laboratory record book)

BAR NO	DATE	AMALAGAM WEIGHT	RETORTED GOLD WEIGHT	WEIGHT OF BAR AVOIRD OZ	WEIGHT OF BAR TROY OZ	PERCENTAGE AFTER MELTING	GOLD FINENESS	SILVER FINENESS	GOLD VALUE PER OUNCE OF BAR	SILVER VALUE PER OUNCE OF BAR	GOLD PRICE	SILVER PRICE	TOTAL VALUE PER OUNCE OF BAR	BAR VALUE
111	05/17/97	687	170	0.00	158.20	23.00	694.00	282.00	14.340	0.1800	20.67	0.65	14.5200	2297.66
112	05/25/97	729	207	0.00	193.00	26.47	702.50	282.10	14.520	0.1833	20.67	0.65	14.7003	2837.74
113	06/01/97	574	208	0.00	200.50	34.93	696.87	260.70	14.404	0.1700	20.67	0.65	14.5740	2922.09
114	06/10/97	368	175	0.00	163.25	44.36	699.99	272.22	14.460	0.1770	20.67	0.65	14.6450	2390.80
115	06/16/97	330	159	0.00	149.87	45.42	691.65	286.00	14.296	0.1850	20.67	0.65	14.4800	2141.23
116	06/24/97	352	163	0.00	153.75	43.69	685.24	285.69	14.162	0.1857	20.67	0.65	14.3476	2205.94
117	07/01/97	270	133	0.00	150.00	47.40	655.80	327.60	13.545	0.2120	20.67	0.65	13.7570	2063.55
118	07/10/97	299	152	0.00	149.06	48.44	693.73	284.09	14.340	0.1840	20.67	0.65	14.5240	2164.98
119	07/23/97	321	168	0.00	160.62	50.00	684.70	285.30	14.050	0.1900	20.67	0.65	14.2400	2287.30
120	08/05/97	338	164	0.00	157.50	46.50	693.60	273.00	14.336	0.1770	20.67	0.65	14.5130	2285.60
121	08/16/97	373	191	0.00	180.00	48.00	694.50	284.00	14.350	0.1800	20.67	0.65	14.5300	2615.40
122	08/23/97	377	184	0.00	176.00	46.40	709.75	279.25	14.670	0.1800	20.67	0.65	14.8500	2613.60
123	09/02/97	355	171	0.00	164.75	46.50	703.10	282.40	14.530	0.1800	20.67	0.65	14.7100	2423.48
124	09/09/97	416	190	0.00	184.25	44.33	711.83	266.20	14.710	0.1700	20.67	0.65	14.8800	2741.64
125	09/13/97	499	185	0.00	179.00	36.00	730.00	252.60	15.080	0.1600	20.67	0.65	15.2400	2727.96
126	09/17/97	528	165	0.00	160.00	30.10	730.20	238.40	15.090	0.1200	20.67	0.53	15.2100	2433.60
127	09/24/97	559	209	0.00	203.50	36.40	715.45	245.00	14.790	0.1400	20.67	0.58	14.9300	3034.52
128	09/30/97	296	122	0.00	118.12	40.00	704.08	269.32	14.550	0.2000	20.67	0.56	14.7500	1742.34
129	10/10/97	396	146	0.00	143.25	36.00	706.90	251.90	14.610	0.1400	20.67	0.56	14.7500	2111.09
130	10/10/97	392	132	0.00	138.25	34.00	705.80	271.00	14.580	0.1500	20.67	0.56	14.7300	2036.42
131	12/07/97	669	176	0.00	168.00	25.10	695.90	286.50	14.350	0.1700	20.67	0.00	14.5500	2444.40
132	12/13/97	631	165	0.00	156.50	25.00	704.13	268.34	14.550	0.1600	20.67	0.60	14.7100	2302.11
133	12/19/97	666	187	0.00	171.37	25.80	706.09	264.70	14.390	0.1500	20.67	0.60	14.7400	2533.43
134	12/26/97	557	194	0.00	174.00	31.00	708.78	270.60	14.650	0.1600	20.67	0.60	14.8100	2576.94
135	01/01/98	416	145	0.00	130.50	31.40	693.53	267.17	14.330	0.1500	20.67	0.55	14.4800	1889.64
136	01/07/98	685	198	0.00	182.50	26.50	705.28	254.72	14.570	0.1400	20.67	0.55	14.7100	2684.57
137	01/15/98	596	167	0.00	152.25	25.50	709.27	253.63	14.660	0.1400	20.67	0.55	14.8000	2253.30
138	01/25/98	503	159	0.00	148.25	29.00	700.91	260.09	14.487	0.1450	20.67	0.56	14.6320	2169.19
139	02/01/98	595	182	0.00	172.56	29.00	708.04	249.76	14.635	0.1370	20.67	0.55	14.7720	2549.09
140	02/08/98	622	179	0.00	164.25	26.33	691.83	278.89	14.300	0.1560	20.67	0.56	14.4560	2374.40
141	02/15/98	739	211	0.00	194.56	26.00	701.18	261.22	14.490	0.1500	20.67	0.56	14.6400	2848.39

Crown King Mine, Yavapai County, Arizona

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142	02/22/98	752	204	0.00	198.82	25.50	699.71	264.59	14.460	0.1480	20.67	0.56	14.6080	2817.52
143	03/01/98	548	144	0.00	136.25	25.00	705.20	269.80	14.570	0.1500	20.67	0.56	14.7200	2005.60
144	03/04/98	534	141	0.00	136.50	26.00	699.57	292.03	14.460	0.1500	20.67	0.56	14.6100	1994.26
145	03/07/98	789	210	0.00	193.12	25.00	708.45	261.95	14.640	0.1500	20.67	0.56	14.7900	2856.32
146	03/18/98	586	154	0.00	145.00	25.00	701.10	246.40	14.490	0.1400	20.67	0.56	14.6300	2121.35
147	03/20/98	631	169	0.00	165.00	25.00	704.05	240.15	14.550	1.3000	20.67	0.56	14.6800	2422.20
148	03/25/98	625	176	0.00	0.00	26.00	695.58	234.82	14.370	0.1300	20.67	0.56	14.5000	2371.60
149	04/01/98	473	157	0.00	148.25	31.50	709.47	239.27	14.660	0.1300	20.67	0.56	14.7900	2191.13
150	04/01/98	471	136	0.00	128.75	27.00	705.59	227.41	14.580	0.1300	20.67	0.56	14.7100	1893.71
151	04/06/98	648	184	0.00	174.87	27.00	709.40	233.10	14.660	0.1300	20.67	0.56	14.7900	2586.41
152	04/11/98	610	170	0.00	160.75	26.00	711.08	236.92	14.690	0.1300	20.67	0.56	14.8200	2302.31
153	04/15/98	552	147	0.00	139.37	25.50	715.88	240.92	14.790	0.1300	20.67	0.56	14.9200	2079.47
154	04/21/98	541	147	0.00	139.18	25.50	715.58	240.92	14.790	0.1300	20.67	0.56	14.9200	2079.47
154	04/21/98	541	147	0.00	139.18	26.00	709.79	233.71	14.670	0.1300	20.67	0.56	14.8000	2063.63
155	05/01/98	556	174	0.00	163.62	29.40	716.91	220.67	14.810	0.1200	20.67	0.56	14.9300	2442.91
156	05/01/98	553	169	0.00	160.00	28.95	413.26	225.94	14.740	0.1200	20.67	0.56	14.8600	2377.60
157	05/05/98	533	155	0.00	149.00	28.00	713.51	226.49	14.740	0.1250	20.67	0.56	14.8650	2214.88
158	05/09/98	416	136	0.00	129.06	31.00	710.04	227.46	14.670	0.1250	20.67	0.56	14.7950	1909.48
159	05/15/98	604	183	0.00	174.75	28.75	709.53	239.27	14.660	0.1300	20.67	0.56	14.6900	2584.50
160	05/20/98	648	193	0.00	184.82	28.66	711.10	242.40	14.690	0.1300	20.67	0.56	14.8200	2739.84
161	05/26/98	692	236	0.00	223.00	32.66	713.30	237.30	14.740	0.1300	20.67	0.56	14.8700	3316.01
162	06/01/98	538	209	0.00	198.25	37.00	706.95	239.65	14.610	0.1300	20.67	0.56	14.7400	2922.20
163	06/09/98	550	209	0.00	202.00	36.70	703.91	244.09	14.540	0.1400	20.67	0.57	14.6800	2965.36
164	06/16/98	512	240	0.00	225.75	44.00	699.79	239.61	14.460	0.1400	20.67	0.57	14.6000	3295.95
165	06/24/98	521	268	0.00	253.25	48.25	702.52	242.08	14.520	0.1400	20.67	0.57	14.6600	3712.64
166	07/01/98	395	213	0.00	201.31	50.90	701.57	243.03	14.500	0.1400	20.67	0.59	14.6400	2946.30
167	07/08/98	381	192	0.00	183.00	48.00	694.56	257.34	14.350	0.1500	20.67	0.59	14.5000	2653.50
168	07/16/98	369	192	0.00	185.25	50.25	702.86	250.74	14.520	0.1400	20.67	0.58	14.6600	2715.76
169	07/24/98	379	195	0.00	185.82	49.00	699.93	248.97	14.460	0.1400	20.67	0.58	14.6000	2713.74
170	08/01/98	289	171	0.00	167.00	50.00	642.35	240.95	13.270	0.1400	20.67	0.59	13.4100	2239.47
171	08/08/98	326	161	0.00	158.25	49.00	688.28	286.13	14.220	0.1600	20.67	0.59	14.3800	2275.68

Crown King Mine, Yavapai County, Arizona

(Data compiled from assay laboratory record book)

BAR NO	DATE	AMALAGAM WEIGHT	RETORTED GOLD WEIGHT	WEIGHT OF BAR AVOIRD OZ	WEIGHT OF BAR TROY OZ	PERCENTAGE AFTER MELTING	GOLD FINENESS	SILVER FINENESS	GOLD VALUE PER OUNCE OF BAR	SILVER VALUE PER OUNCE OF BAR	GOLD PRICE	SILVER PRICE	TOTAL VALUE PER OUNCE OF BAR	BAR VALUE
172	08/16/98	368	177	0.00	172.75	54.00	700.01	276.51	14.460	0.1600	20.67	0.00	14.6200	2525.60
173	08/25/98	376	184	0.00	176.82	47.00	705.22	263.98	14.570	0.1500	20.67	0.58	14.7200	2608.60
174	09/01/98	396	196	0.00	186.12	47.00	716.88	241.12	14.810	0.1400	20.67	0.60	14.9500	2782.57
175	09/08/98	437	190	0.00	177.00	40.50	704.13	240.87	14.550	0.1400	20.67	0.60	14.6900	2600.13
176	08/16/98	429	173	0.00	165.12	38.00	702.90	229.10	14.520	0.1300	20.67	0.60	14.6500	2419.08
177	09/25/98	562	244	0.00	234.12	40.00	699.30	247.70	14.410	0.1500	20.67	0.60	14.5600	3408.86
178	10/01/98	398	172	0.00	164.00	41.00	700.70	251.30	14.480	0.1500	20.67	0.60	14.6300	2399.32
179	10/08/98	400	159	0.00	151.82	38.00	692.07	256.48	14.300	0.1500	20.67	0.60	14.4500	2194.62
180	10/16/98	394	161	0.00	153.12	38.80	683.85	258.15	14.130	0.1500	20.67	0.60	14.2800	2186.62
181	10/21/98	428	137	0.00	125.62	29.40	702.65	233.85	14.520	0.1400	20.67	0.60	14.6600	1841.65
182	11/12/98	717	214	0.00	204.56	28.50	685.76	259.24	14.170	0.1550	20.67	0.60	14.3250	2930.35
183	11/18/98	592	148	0.00	140.12	23.50	697.04	262.96	14.400	0.1600	20.67	0.60	14.5600	2040.22
184	11/25/98	639	171	0.00	163.00	25.50	700.50	242.50	14.480	0.1400	20.67	0.60	14.6100	2381.43
185	12/01/98	682	182	0.00	175.62	25.70	702.00	249.00	14.510	0.1500	20.67	0.60	14.6600	2574.65
186	12/08/98	653	151	0.00	156.25	22.00	689.00	251.70	14.240	0.1500	20.67	0.60	14.3900	2248.43
187	12/14/98	637	144	0.00	136.50	21.50	697.00	258.50	14.420	0.1500	20.67	0.60	14.5700	1988.80
188	12/23/98	789	197	0.00	186.94	23.50	696.50	252.50	14.390	0.1500	20.67	0.60	14.5400	2718.07
189	01/03/99	523	132	0.00	125.75	24.00	684.45	256.55	14.140	0.1500	20.67	0.60	14.2900	1796.96
190	01/03/99	542	133	0.00	126.82	23.50	693.29	265.71	14.330	0.1600	20.67	0.60	14.4900	1838.41
191	01/08/99	633	161	0.00	153.12	24.00	699.94	250.06	14.460	0.1500	20.67	0.60	14.6100	2237.15
192	01/15/99	682	170	0.00	161.82	23.75	682.50	257.50	14.000	0.1500	20.67	0.60	14.1500	2290.54
193	01/26/99	638	200	0.00	187.25	29.33	686.70	271.80	14.190	0.1600	20.67	0.60	14.3500	2687.04
194	02/02/99	616	200	0.00	186.25	30.25	689.38	270.62	14.240	0.1600	20.67	0.60	14.4000	2682.00
195	02/12/99	642	216	0.00	199.25	31.00	700.44	249.06	14.470	0.1500	20.67	0.60	14.6200	2913.03
196	02/20/99	526	166	0.00	153.69	29.33	696.26	252.24	14.390	0.1500	20.67	0.60	14.5400	2234.61
197	02/22/99	231	97	0.00	146.00	39.75	716.70	219.30	14.810	0.1300	20.67	0.60	14.9400	2181.24
198	03/02/99	416	142	0.00	133.00	32.00	709.68	230.82	14.660	0.1400	20.67	0.60	14.8000	1868.40
199	03/11/99	571	200	0.00	192.00	33.50	691.70	269.70	14.290	0.1600	60.67	0.60	14.4500	2774.42
200	03/18/99	534	208	0.00	198.82	36.50	718.00	231.00	14.840	0.1400	20.67	0.60	14.9800	2934.20
201	03/20/99	0	0	0.00	363.50	0.00	779.50	147.50	16.110	0.0900	20.67	0.60	16.2000	5880.60
202	02/20/99	0	0	0.00	302.50	0.00	777.00	164.50	16.060	0.1000	20.67	0.60	16.1600	4888.40

Crown King Mine, Yavapai County, Arizona

(Data compiled from assay laboratory record book).

BAR NO	DATE	AMALAGAM WEIGHT	RETORTED GOLD WEIGHT	WEIGHT OF BAR AVOIRD OZ	WEIGHT OF BAR TROY OZ	PERCENTAGE AFTER MELTING	GOLD FINENESS	SILVER FINENESS	GOLD VALUE PER OUNCE OF BAR	SILVER VALUE PER OUNCE OF BAR	GOLD PRICE	SILVER PRICE	TOTAL VALUE PER OUNCE OF BAR	BAR VALUE
203	04/05/99	410	150	0.00	144.75	35.00	719.00	260.00	14.860	0.1500	20.67	0.60	15.0100	2172.64
204	04/05/99	410	150	0.00	145.00	35.00	710.00	257.00	14.670	0.1500	20.67	0.60	14.8200	2148.90
205	04/05/99	379	139	0.00	162.12	0.00	704.00	243.00	14.550	0.1400	20.67	0.60	14.6900	1940.91
206	04/08/99	465	142	0.00	138.38	29.75	700.00	266.00	14.460	0.1600	20.67	0.60	14.6200	2023.05
207	04/16/99	415	120	0.00	116.50	28.00	702.93	253.07	14.520	0.1500	20.67	0.60	14.6700	1709.05
208	04/23/99	456	152	0.00	145.25	31.50	713.00	248.00	14.730	0.1400	20.67	0.60	14.8700	2159.86
209	05/02/99	628	198	0.00	187.50	30.00	707.29	251.71	14.610	0.1500	20.67	0.60	14.7600	2767.50
210	05/08/99	152	96	0.00	109.00	18.90	763.00	181.00	15.770	0.1000	20.67	0.60	15.8700	2999.43
211	05/08/99	339	145	0.00	107.00	0.00	737.00	202.00	15.230	0.1200	20.67	0.60	15.3500	1642.45
		TOTAL	TOTAL		TOTAL	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	TOTAL
		70724	23209		22083.63	31.59	693.49	256.08	14.378	0.1620	20.97	0.60	14.5272	324151.18

CROWN KING MINE

YAVAPAI COUNTY

Do not Reproduce

KAP WR 11/4/83: Dennis Marketic, 8501 N. 75th Ave., Peoria, AZ 85345 reported he has purchased Dore Metals' holdings and assumed Dore Metals' contract on the Crown King Mine, Pine Grove District, Yavapai County. He first plans are to determine the status of the underground mine. He hopes to prove up an ore deposit, but recognizes the real estate development potential of the patented land. ✓

KAP WR 6/1/84: Karen Hutmacher, International Gunnery Ranges Services Inc., (c) reported the firm is continuing to sample and evaluate the Crown King Mine, Yavapai County. They are considering driving a cross cut to intersect the lower flooded workings of the mine. It was suggested they contact Frank Montonate as he has a crew working in the district.

KAP WR 7/20/84: Production data was obtained for the Crown King Mine (f) Yavapai County. An appropriate form has been filled out for inclusion in the mine file.

KAP WR 8/24/84: Frank Montonati reported he has slabbed out some old drifts and to the ore zones at the Crown King Mine (file) Yavapai County. The work was being done for Dennis Marketic, 8501 N. 75th Avenue, Peoria, Az. 85345. 979-4900

NJN WR 10/23/87: Dennis Marketic (card) owner of the Crown King (file) Yavapai County called and reported he is trying to sell or lease the property. Among his last activities was putting in the crosscut on the lower Saratoga.

Do Not
REPRODUCE

CROWN KING MINE

YAVAPAI COUNTY

Tony Aguir reported that he has sold his Crown King Mine (file) operation in Pine Grove District, Yavapai County, to a Mr. Eugene Goldman of L.L.C. (name unknown). Mr. Aguir went on to report that approximately \$40,000 was recovered from 2400 tons of ore on a leach pad; that material was a combination from the main Crown King dump and small upper dump. He explained that he finally came out financially ahead on the operation but only by selling out.
KAP WR 5/22/81

KAP WR 6/19/81: Dore' Metals, 1802 W. Grant Road, Suite 101, Rooms 37 and 39, Tucson, 86703, phone 791-7575, has purchased the Crown King Mine dump leaching operation from Tony Aguir according to Roger Stern, Project Manager of Dore'. Dennis Melcher is the crew boss at the operation.

NJN WR 11/13/81: Drove by the Crown King mine, Yavapai County, and saw a second leach pad nearly completed. A belt conveyor was on site to load the pad when completed.

NJN WR 12/25/81: It was reported that the Crown King Mine has loaded the second leach pad with dump material and leaching has commenced. Leaching is continuing on the first pad.

NJN WR 2/12/82: It was reported that 56 oz. of precious metals were recovered from the leach at the Crown King Mine, Yavapai County. Recovery was thru a carbon column "Bi-Metals Plant" and electro plating unit.

KAP WR 6/4/82: Crown King Mine: Dore' Metals is continuing their heap leach operation on dump material from historic mining operations at the Crown King Mine. The current leach pad has been moved upstream from the earlier location. Cyanide solution is distributed in Rainbirds. The pregnant solution is stripped using carbon adsorption in a homemade plant.

KAP WR 5/20/83: Met with Billy Waldeck (Jr) at the Dore' Metals equipment yard on Deer Valley Road about 1 mile west of Cave Creek Road in Phoenix. He reported Dore' Metals is still operating at the Crown King Mine dump. However, the cyanide heap leach operation is nearing completion. They are looking at other dumps in the area. Dore' has 3 referbished Escapule Merrill-Crowe type zinc percipitation plants for sale as well as a trailer mounted set of carbon columns.

Do Not Reproduce

Visited old Crown King Mill site where a new mill was being installed - was idle at time of visit because of bad weather. EGW WR 1-30-64

Visited mill at Crown King tailings - mill was idle. George Grove, owner, was in California. EGW WR 5-26-64

No activity in Crown King area. FTJ WR 7-23-65

Visited Crown King - no one around - all hands fighting fire. FTJ WR 7-22-66

KP/WR 9/30/79 - Mr. Kirkland (Kirtland) reported he owns the Crown King Mine, Pine Grove District, Yav. Co., and is going to open it up and build a mill. His ownership or leasing position was not verified.

KAP WR 4/10/80: Tony Aguir reported he is going to set up a trial 2500 ton leach pad at the Crown King Mine, Pine Grove District, Yavapai County. He plans to use a 100 ton Escapule cyanide plant as part of the operation.

KAP WR 9/12/80: Tony Aguir (San Diego ?) reported his leach operation at the Crown King Mine, Pine Grove District, Yavapai County, is continuing successfully. He went on to report that he has approximately \$50,000 tied up in the operation and that they have had some difficulties with the high sulfide mineral content of the dump material they are running and difficulty in maintaining a high pH.

KAP WR 12/19/80: Tony Aguir reported he has thus far recovered approximately \$25,000 worth of gold from his cyanide heap leach operation at the Crown King Mine, Pine Grove District, Yavapai County. He went on to report that they are using a carbon adsorption system and that they are able to load the carbon to approximately 67 tr.oz/ton of gold and 250 tr.oz/ton of silver. They were originally trying to run the operation with Escapule Merrill-Crowe type plant but the plant was the cause of many problems. Red Spinlough is also involved in the operation.

6/2/81 Telephone Call: Received call from Mr. Gene Goldman, Dore Metals & Mining Corp., 7711 Bonhomme Ave, St. Louis, Missouri 63105, phone (314) 726-5800. He stated that his company now owns the Crown King Mine. They will be sending in someone soon to look at the file and check out our information. AT

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Crown King

Date July 16, 1984

District Walnut Grove or Tiger

Engineer Ken A. Phillips

Subject: Production

Recorded production from the Tiger mining district,
Yavapai County according to an abstract of U. S. Bureau of Mines
data was obtained from the Arizona Bureau of Geology and Mineral Technology.

Production is recorded for the period 1893-1957 (Intermittantly)

Cumulative totals are:	Tons of ore	93,319
	Pounds of copper	521,249
	Pounds of lead	42,923
	Troy ounces of gold	54,606
	Troy ounces of silver	239,475
	Pounds of Zinc	1,914,174

The following mines or mining claims in the district contributed to the
production: Crown King Mine

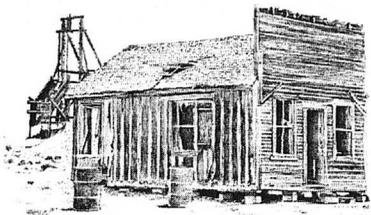
1987, there has been a moratorium on issuing new mineral leases and renewing existing ones. The uncertainty regarding the future royalty rate has been the cause of consternation for the mining industry, as well as the Department, but there is optimism that the situation will soon be resolved.

Oil and gas rental income has dropped markedly during the past 5 years as a result of the industry slump. If oil or gas were ever discovered on State land, the Trust would receive a minimum of 12 1/2 percent of the market value of the oil or gas produced.

Mineral-material royalties have grown steadily during the past 5 years. Resources in this category include sand, gravel, rock, building stone, riprap, cinders, decomposed granite, topsoil, and any other mineral material used in the construction industry. After the Land Department receives an application to purchase mineral materials, it conducts an appraisal and the material is sold at public auction to the highest bidder. Revenue is guaranteed on each lease be-

cause the company must pay an annual minimum royalty. Rentals from mineral-material operations greatly increased in 1987-88 when the department began basing the rental figure on a percentage of land value. Total revenue from the sale of mineral materials during the past 5 years is only slightly less than that received from mineral-lease royalties.

Total revenues from subsurface leasing for the current fiscal year are expected to surpass those received in 1987-88. The continuing high price of copper has allowed several companies to increase production. This is excellent news for the industry, as well as the beneficiaries of the State Trust.



NEW AZGS PUBLICATION

The following publication may be purchased from the Arizona Geological Survey (AZGS), 845 N. Park Ave., #100, Tucson, AZ 85719. For price information on this and other publications, contact the AZGS office at (602) 882-4795.

Welty, J.W., and Schnabel, Lorraine, 1989, Bibliography for metallic mineral districts in Gila, Maricopa, Pinal, and Yavapai Counties, Arizona: Open-File Report 89-1, 123 p.

This report is the fourth in a series of county bibliographies for metallic mineral districts in Arizona. The others, Circulars 24, 25, and 26, were published by the AZGS in 1986. Nearly 1,600 citations are included in this compilation. The report has been open-filed to permit timely access to the public. After editing and printing, it will be released as a circular.

AZGS Accepts BOM Diamond- Drill Core

In early March 1989, the Arizona Geological Survey accepted a donation of nearly 32,000 feet of diamond-drill core from the U.S. Bureau of Mines (BOM). The core comes from 13 separate properties across the State (Table 1). The core was shipped from the BOM Twin Cities Research Center, where it had been stored, by the Minnesota Air Guard to Davis-Monthan Air Force Base in Tucson and then trucked to the Mission Unit of ASARCO Inc., where it remains in temporary storage. We thank members of the Minnesota Air Guard; Davis-Monthan personnel; Robert Willard, BOM Twin Cities Research Center; Michael Greeley, BOM State mineral specialist; and James Litchenthon, mine superintendent at the Mission Unit; for their generosity in enabling the AZGS to accept and store this drill core. Information about the geologic setting and logs for each drill hole can be found in the references listed in Table 1. For localities with no listed references, no published information is available. Please call our office (602-882-4795) to make an appointment if you wish to examine any of this core.

Table 1. Listing of BOM diamond-drill core localities.

Mineral District	Mine Name	Commodity Sought	Total Footage ¹	Number of Holes	Reference ²
Ajo	Copper Giant	Cu	1,400	2	Romslo and Robinson (1952)
Apache Iron	Apache Iron	Fe	1,200	15	Stewart (1947)
Artillery Peak	Maggie Canyon	Mn	3,700	69	Kumke and others (1957)
Big Bug	Iron King	Cu	600	4	n.a.
Christmas	Christmas	Cu	3,700	7	Tainter (1948)
Cochise	Keystone	Cu, Zn	10,800	18	Romslo (1949)
Helvetia	King in Exile	Cu	100	1	n.a.
Hualapai	Antler	Cu, Zn	2,100	6	Romslo (1948)
Lakeshore	Lakeshore	Cu	200	1	Romslo (1950)
Pima	Esperanza	Cu	1,450	3	Tainter (1947)
Tiger	Crown King	Cu	1,400	3	n.a.
Wallapai	Cerbat	Pb, Zn	2,800	8	n.a.
Wallapai	Civitation	Cu	3,400	6	n.a.

¹ Total footage is rounded off to the nearest 100 feet drilled.

² "n.a." indicates that no references are available for this core.

References

- Kumke, C.A., Ross, C.K., Everett, F.D., and Hazen, S.W., Jr., 1957, Mining investigations of manganese deposits in the Maggie Canyon area, Artillery Mountain region, Mohave County, Arizona: U.S. Bureau of Mines Report of Investigations RI 5292, 87 p.
- Romslo, T.M., 1948, Antler copper-zinc deposit, Mohave County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4214, 14 p.
- 1949, Investigation of Keystone and St. George copper-zinc deposits, Cochise County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4504, 21 p.
- 1950, Investigation of Lake Shore copper deposits, Pinal County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4706, 24 p.
- Romslo, T.M., and Robinson, C.S., 1952, Copper Giant deposits, Pima County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4850, 9 p.
- Stewart, L.A., 1947, Apache Iron deposit, Navajo County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4093, 88 p.
- Tainter, S.L., 1947, Amargosa (Esperanza) molybdenum-copper property, Pima County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4016, 15 p.
- 1948, Christmas copper deposit, Gila County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4293, 58 p.



PUT COPIES IN

FRANK J. MONTONATI
MINING ENGINEER
Box 662
1036 Reese Street
Silverton, Colorado
81433
303-387-5734

CROWN KING MINE (P)

Refer to:
ALVARADO MINE (P)
STATE MINE INSPECTOR
CLEOPATRA MINE (P)

AUG 21 1984

Mr. Dave Hamm
State Mine Inspector
705 W. Wing Capitol Building
Phoenix, Az.
85007

Dear Mr. Hamm,

Please be advised that MCO will commence operations at the Crown King Mine on or about 8/17/84. We plan to gain access to an old existing drift and perhaps extend it for sampling purposes. Estimated time for this job is approximately 3 weeks.

MCO will also commence operations on surface at the Alvarado Mine on or about 8/24/84. This work will entail surface sampling the vein outcrop with a backhoe. Estimated time, about 1 week.

MCO will be involved with some road and drill site R & R at the Cleopatra near Alamo Lake, starting on or about 8/24/84. Estimated time on site, approximately 3 weeks.

I would like to make arrangements with you to do an emissions test on a loader at the Crown King Mine and a grounding test at the Gladiator Mine.

Please contact me so that we may set up a time that is convenient for you.

Sincerely,

Frank Montonati
MCO

HAMM



STATE MINE INSPECTOR

Office of State Mine Inspector

SEP 01 1983

705 West Wing, Capitol Building
Phoenix, Arizona 85007
602-255-5971

STOP

NOTICE TO ARIZONA STATE MINE INSPECTOR

In compliance with Arizona Revised Statute Section 27-303* we are submitting this written notice to the Arizona State Mine Inspector (705 West Wing, Capitol Building, Phoenix, Arizona 85007) of our intent to start stop (please circle one) a mining operation.

COMPANY NAME DORE Metals + Mining Corp.

CHIEF OFFICER William Fillman, President

COMPANY ADDRESS 8300 DUNWOODY PLACE, DUNWOODY, GA. 30338

COMPANY TELEPHONE NUMBER 404-587-5200

MINE OR PLANT NAME CROWN KING MINE

MINE OR PLANT LOCATION (including county and nearest town, as well as directions for locating by vehicle)

YAVAPAI COUNTY, PINE GROVE DISTRICT, 1 mile N of Crown King

TYPE OF OPERATION HEAP LEACH PRINCIPAL PRODUCT Gold/Silver

STARTING DATE UNCERTAIN CLOSING DATE 9/15/83
(MINE WAS SOLD IN OPERATION)

DURATION OF OPERATION approx. 3 yrs.

PERSON SENDING THIS NOTICE Joseph A. Hite

TITLE OF PERSON SENDING THIS NOTICE MINE OPERATOR

DATE NOTICE SENT TO STATE MINE INSPECTOR 8/30/83

*A.R.S. Section 27-303 NOTIFICATION TO INSPECTOR OF BEGINNING OR SUSPENDING OPERATIONS: When mining operations are commenced in any mine or when operations therein are permanently suspended, the operator shall give written notice to the inspector at his office prior to commencement or suspension of operations.

MAIN OFFICE
68 SOUTH MAIN STREET
SALT LAKE CITY, UTAH 84101
PHONE (801) 531-0137

HOME OFFICE
551 NORTH 1100 EAST
BOUNTIFUL, UTAH 84010
PHONE (801) 295-4402



ROGERS RESEARCH & ANALYSIS INC.

CLAIR W. ROGERS, President

5 M Corporation
Hurricane, Utah.

May 29, 1979

Customers Identification: (# 8) Crown King - George

Antimony	.2 %	Palladium	
Arsenic	.3 %	Platinum	Trace
Barium	1.2 %	Rhodium	Trace
Bismuth	Trace	Rubidium	.3 %
Chromium	.5 %	Ruthenium	
Cobalt	Trace	Silver	7.2 oz/ton
Copper	.8 %	Strontium	.3 %
Gold	.1 oz/ton	Thorium	Trace
Iridium		Tin	.1 %
Iron	23.2 %	Titanium	1.2 %
Lead	1.2 %	Tungsten	Trace
Manganese	.6 %	Uranium	
Molybdenum	.4 %	Vanadium	Trace
Nickel	.1 %	Yttrium	
Osmium		Zinc	1.6 %
		Zirconium	.4 %

C. W. Rogers

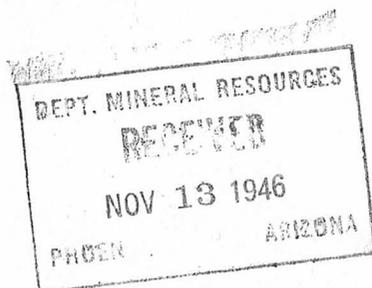
GOLDEN CROWN MINING CO.

CROWN KING, ARIZONA

Premium Survey

November 9th, 1946.

Chas. H. Dunning, Director
Department of Mineral Resources
State of Arizona
304 Home Builders Building
Phoenix, Arizona.



Dear Mr. Dunning,

I enclose herewith your questionnaire as requested in your letter of November 7th.

A continuance of the Premium Price Plan over a period of not less than five years would certainly be of great help to all lead, zinc, copper mines in the state. For our modest Company I may state that we will be unable to operate our properties at Crown King ~~without premiums~~ in competition with foreign producers if premiums are removed. With a certainty of continued premiums we would be prepared to enlarge our present mill and reopen at least three more of our own properties in the vicinity of Crown King. In addition we are of the opinion that with a continuity of premiums we would be justified in adding a sampling plant to our mill in order to handle ores from numerous small mines in our district, thereby affording opportunity for possible development of many nearby mines, and production from the district over a period of years.

Owing to uncertainty of duration of premiums we do not consider it advisable to rehabilitate, explore and develop other mines which we own in the district. To do so involves considerable outlay of capital not justified under uncertain base metal market prices. By the time our indicated ore bodies were ready for production foreign cheap metal could well drive prices down to a point where our mines would be unprofitable. Premium price guarantee over a period of five years would certainly alter the picture. Naturally we heartily endorse any effort you may make toward continuance of premiums.

I would suggest that your department go further than mere support of the Premium Price Plan. The ills of the small miner are many. A state and nationwide educational program, if forcefully pushed, might help cure the now defenseless patient. Our national economy makes his cure essential. Next to ore—money is a necessity for the miner. We should remove many of the obstacles governmentally slapped across his path to the finances he requires. The tax situation places an almost prohibitive block in front of the miner trying to open a mine. Venture capital is available today but is discouraged by the numerous confiscatory taxes applicable to mines and also present SEC arbitrary regulations. I personally within the past several years turned down many mines which could quickly have showed an operating profit and return of capital investment sufficient to attract my associates but which with deductions for taxes could not carry the load. Before taxes and opportunity for return of capital investment plus a profit commensurate with the risk involved should be offered venture capital. It would benefit Federal Treasury over the long pull if taxes were waived for the first few years

Page 2
Dunning/SPS.
10/9/46

in the life of a new mining venture. It works in Canada.

If properly presented to the smelting companies I believe they might cooperate in helping the little fellow to get into production. I do not mean by advancing him cash but by giving him special concessions in rates and deductions. As it is the little shipper is soaked and the well financed larger company is given preference. A little help in time of need might in the long run react to the lasting benefit of the custom smelter. I am quite familiar with most of the smelting company answers but nevertheless I maintain that a concerted effort by many small producers backed by a state department of Mineral resources if properly advocated could be most helpful in securing concessions from the smelting companies. It does not seem right that the small miner with ~~lead~~ at over 9 cents a pound must have nearly 20% ore to ship before he can realize even an even break from shipment of such ore. It closes the door to any zinc miner of small tonnage who has no mill. The fault lies with the smelters.

Mining along with all industry and the nation at large suffers from labor pains. This is due, as we know, to not only Federal policy but also to the attitude of labor and I do not refer to labor leaders alone but to the individual laborer. I have not observed any intelligent effort on the part of management to convince the individual that he should produce if he expects to receive. I have seen efforts to coerce and brow beat labor individuals into working. Essentially the individual American man who works is not a sluggard, or lazy, or inept but he has been spoiled. he needs to be handled fairly to be shown his errors--to be educated as to his responsibilities to himself, his employer, and his fellow man. An intelligent educational campaign might work wonders and what better teacher than his own Department of Mineral Resources. That is only one phase of the labor problem the present coddling, paternal, and unfair labor legislation must be made more equitable. Why should we pay miners in this state unemployment benefits when 1500 or more miners are needed right now. Who decrees that 40 hours is a normal work week for a miner--I do not advocate a return to the seven day 24 hour ~~week~~ per day week--though I for years did just that and it did not break my health--but I do say 48 hours at decent pay hurts no miner--who is able bodied. Certainly the cost of living is up we all know that--we also know that take home pay must suffice to keep a mans family well fed, housed and clothed but we must not guarantee the miner, caviar, movies, a car, and a deep freeze--if he requires those things let him work harder and save for them. But more important teach him to turn out the best days work he can in the few hours for which he is paid so handsomely. As an operator I am slowly going insane over the lack of work turned out by my employees. Miners are coddled too much today. Turnover is to prevalent

To conclude may I suggest that your department not only sponsor the effort for Premiums but also support--better yet Lead in efforts to modify present legislation re taxes and SEC as applicable to young mining ventures, labor legislation and a statewide educational labor program for miners. Such effort might spread nationally. The many other good suggestions made by your Department, such as access roads, would follow if mining were given its proper and deserved position in the States economy. Some one with drive, initiative and fortitude must lead--Why not our Dept of Mineral Resources.

Sincerely,

Silas P. Silverman
Silas P. Silverman, Pres.

NAME OF COMPANY Golden Crown Mining Co.

NAME OF MINE Wildflower Mine --- (Crown King)

(1) Production - January 1st to June 30, 1946, inclusive.

Producers shipping ore direct to smelters or to custom mills use Column No. 1; producers operating their own mill use Column No. 2.

COLUMN NO. 1				COLUMN NO. 2					
	Tons	% Cu	% Pb	% Zn		Tons	% Cu	% Pb	% Zn
Crude Ore					Copper Conc.	90	20		
3500	3500	.6	-	5.	Lead Conc.				
					Zinc Conc.	250	52		

(2) Average Price Received for Metals in Above Production

This to be the total of the ceiling price plus premiums.

Copper	17	¢/lb. Conn. Valley as base
Lead		¢/lb. N.Y. as base
Zinc	11	¢/lb. East St. Louis as base

(3) What do you estimate your production would have been, January 1st to June 30, 1946, if the metal price had been:

Cu 14 3/8¢/lb. Conn. Valley; Lead 8.25¢/lb. N.Y.; Zinc 8.25¢/lb East St. Louis (with no premiums)

COLUMN NO. 1		COLUMN NO. 2	
Crude Ore	Tons	Copper Conc.	Tons
		Lead Conc.	Tons
Same as above		Zinc Conc.	Tons

(4) What do you estimate your production would have been, January 1st to June 30, 1946, if the metal prices had been:

Cu 16¢/lb. Conn. Valley; Lead 11¢/lb. N.Y.; Zinc 9.50¢/lb. East St. Louis (with no premiums)

COLUMN NO. 1		COLUMN NO. 2	
Crude Ore	Tons	Copper Conc.	Tons
		Lead Conc.	Tons
Same as above		Zinc Conc.	Tons

(5) If a metal Conservation Price Plan, similar to the present Premium Price Plan, were made permanent for at least five years,

- (a) What would your yearly production of ore or concentrates be: 60,000 tons ore
- (b) Would such a plan cause you to expand your exploration-development program? If so, how much? Open three other mines---P/R add/ \$7000 mo.
- (c) What effect would such a plan have in increasing your ore reserves? 180,000 Ts
- (d) In view of low tariffs, how would such a plan promote a healthy mining industry? See letter.

Belas D. Behrmann, Pres
Golden Crown Mining Co.

Crown King

DORE' METALS AND MINING CORPORATION

1 Can
MMB

APPLICATION FOR AUTHORITY OF DORE' METALS AND MINING CORPORATION
TO: CORPORATION COMMISSION, STATE OF ARIZONA, P. O. Box 6019, Phoenix,
Arizona 85005

Pursuant to the provisions of Sections 10-110, 10-111 and 10-118, Arizona Business Corporation Act, the undersigned corporation hereby applies for authority to transact business in your state, or files a re-statement of information of new authority, and for that purpose submits the following statement:

FIRST: This application is (1) An original application pursuant to A.R.S. Sec. 10-110.

SECOND: The name of the corporation is DORE' METALS AND MINING CORPORATION.

THIRD: If the name of the corporation does not contain the word "association", "bank", "corporation", "company", "incorporated", or "limited" or does not contain an abbreviation of one of such words, then the name of the corporation with the word or abbreviation which it elects to add thereto for use in this state is N/A.

FOURTH: It is incorporated under the laws of Nevada.

FIFTH: The date of its incorporation is October 30, 1980 and the period of its duration is perpetual.

SIXTH: The address of its principal office in the jurisdiction in which it is incorporated is: 1 East First St., Reno, Washoe County, Nevada 89501.

SEVENTH: The address of the proposed known place of business in Arizona is: c/o C T Corporation System, 14 North 18th Avenue, Phoenix, Maricopa County, Arizona 85007.

EIGHTH: The name and address of the proposed statutory agent in Arizona is: C T Corporation System, 14 North 18th Avenue, Phoenix, Maricopa County, Arizona 85007.

NINTH: The corporation is organized for the purpose(s) of, and a brief statement of the character of the business which the corporation initially intends to conduct in Arizona is: To carry on any lawful business necessary or incidental to the attainment of the objectives of the corporation, and the transaction of all lawful business for which corporations may be incorporated under the Arizona Business Corporation Act.

TENTH: The names and respective addresses of its directors and officers are: Eugene M. Goldman, Director, Treas. Pres, V.P., 1293 Kennebec Rd. Chesterfield, MO, Date of Taking Office: 10-30-80; Mary Susan Ebenreck, Secretary, 1637 Ridgewood Dr., Crestwood, MO, Date of Taking Office: 4-6-81.

ELEVENTH: The aggregate number of shares which it has authorized to issue itemized by classes, par value of shares, shares without par value, and series, if any, within a class is: 100,000 Shares, Common Class, \$10.00 Par Value Per Share

TWELFTH: The aggregate number of its issued shares, itemized by classes, par value of shares, shares without par value, and series, if any, within a class is: 500 Shares, Common Class, \$10.00 Par Value Per Share

THIRTEENTH: The amount of its stated capital, as defined in the Arizona Business Corporation Act, is \$5,000.

FOURTEENTH: The application is accompanied by a copy of its Articles of Incorporation and all amendments thereto, duly authenticated by the proper officer of the State of Country under the laws of which it is incorporated.

FIFTEENTH: Has any person(s) (a) serving either by election or appointment as an officer, director or trustee, incorporator of the corporation or, (b) controlling or holding 20% of the proprietary, beneficial or membership interest in the corporation, served in any such capacity or held such interest in any corporation which has been placed in bankruptcy or receivership or had its charter revoked? No

SIXTEENTH: Under penalties of law, I declare that I will comply with the provisions of A. R. S. Sec. 10-128.01.

Under penalties of law, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

DATED: May 29, 1981. DORE' METALS AND MINING CORPORATION. BY: Eugene M. Goldman, President. BY: Mary Susan Ebenreck, Secretary.

STATE OF MISSOURI COUNTY OF ST. LOUIS ss. The foregoing instrument was acknowledged before me this 29th day of May, 1981, by Eugene M. Goldman of DORE' METALS AND MINING CORPORATION a Nevada corporation. (Signed) Eugene M. Goldman, President.

C T CORPORATION SYSTEM, having been designated to act as statutory agent, hereby consents to act in that capacity until it is removed, or submits its resignation, in accordance with the Arizona Revised Statutes. C T CORPORATION SYSTEM. By: F. L. Ungerott-Asst. Secretary.

Check made -
12-19-81
Put in
Crown
King
system
(file)
Aug

1946

J. F. Reilly & Co.

INCORPORATED

Members New York Security Dealers Association

40 Exchange Place

New York 5, N. Y.

Telephone
HANover 2-4785

A. T. & T. Teletype
N. Y. 1-2733-34-35

ROBERT E. HEINEMAN
20 Calle Conquista
Tucson, Ariz. 85716

Direct Wire Connections to Boston, Chicago and Los Angeles

GOLDEN CROWN MINING COMPANY

A producer of gold, silver, lead and zinc.

The stock of this company, in view of the strong metal price situation, experienced management, and condition of the properties, looks very attractive to us at current levels.

PROPERTIES The company owns ten mines located in the Pine Grove district of Arizona. A modern 75 ton selective flotation mill is in operation, capacity of which is now being enlarged to 100 tons daily.

Power is secured from the Arizona Power Company. With modern transportation facilities from mine to mill to railroad, economy of operation not hitherto available is attained.

PRODUCTION In late 1945 the corporation swung into active operation after wartime curtailment.

While, in some of the mines silver is the principal metal produced, in others gold is the chief money metal. The base metals, lead and zinc, in some mines equals or exceeds in value that of the precious metals recovered.

ORE RESERVES The corporation's engineers estimate that current developed reserves approximate five year's supply.

No estimate has been made of the large potential reserves of all the mines owned. The entire district is traversed by three distinct vein systems which run for a length of over 8 miles.

MANAGEMENT President and General Manager of the corporation is Silas Paul Silverman. He is a mining engineer of long and varied experience in the operation of mining properties. From 1934-42 he was president of Gold Canyon Mining Company. That concern is the largest lead-zinc producer in the state of Arizona and is now operated by American Smelting & Refining Co.

<u>CAPITALIZATION</u>	<u>Authorized</u>	<u>Outstanding</u>
3 yr. mtge notes, due Aug. 15, '47	\$62,500	\$62,500
Capital Stock, (\$1 par value)	500,000shs	400,000shs

EARNINGS ESTIMATE Based upon current metal prices earnings for this year are estimated to be approximately 25¢ per share.

METAL PRICE OUTLOOK Due to the growing scarcity of silver and lead for industrial consumption, a sharp increase in the price of both metals is probable. Should the proposal made in Congress to increase the price of silver to \$1.29 from 71¢ per ounce become effective, this company would benefit materially. However, if the compromise rise to \$1.00 per ounce be agreed upon profits would show a very substantial rise.

(continued)

CONCLUSION A review of all the elements in this situation causes us to believe that this is an attractive speculation.
The company is in production; it has experienced management; mill and properties are in good physical condition; power and transportation facilities contribute to economical operations, and the price situation in the metals industry is highly favorable.

Compared to many other metals issues we believe that this stock is definitely underpriced.

It is our opinion that, at present levels under \$1.50 per share, this stock is an excellent speculation with good probabilities for profit.

March 5, 1946

R. A. D.

We have a position in the stock of the above mentioned company.

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

DEPT. MINERAL RESOURCES
RECEIVED
JUN 19 1946

Date June 17, 1946

1. Mine: Golden Crown Mining Co.
2. Location: Sec. Twp. 10 N Range 1 W Nearest Town Crown King, Ariz.
Distance 1/4 mile Direction North Road Condition Good
3. Mining District & County: Peck, Pine Grove and Tiger Mining Districts, Yavapai County
4. Former Name of Mine: Same
5. Owner: Silas P. Silverman, President
Address: Box 100, Crown King, Arizona 129 W. Maryland Ave. 1 PL
Phoenix, Ariz. 3-1-60
CR 7-3109
6. Operator: Paul B. Davis, Gen. Sup't.
Address: Crown King, Arizona
7. Principal Minerals: sphalerite, chalcopyrite, galena, silver and gold
8. Number of Claims: XX 66 Lode All lode Placer None
Patented 37 Unpatented 29
9. Type of Surrounding Terrain: Mountainous, great amount of underbrush, situated in Prescott National Forest, which consists mainly of Pine. W Elevation approx. 6000 to 7000 ft.
10. Geology & Mineralization: Fissure and contact veins. Wall rocks granite, schist, diorite and granodiorite
11. Dimension & Value or Ore Body: Undetermined

12. Ore "Blocked Out" or "In Sight": No ore estimations made by the present operators.

Ore Probable:

13. Mine Workings—Amount and Condition:

No.	Total Feet	Condition
Shafts..... 5	2000'	Fair to poor
Raises..... 3	450'	Good
Tunnels..... 5	5000'	Good to bad
Crosscuts..... 2	240'	Good
Stopes..... 1 active		Good

14. Water Supply: Domestic water obtained from underground workings. Seems to be all right and plentiful enough. Mill water obtained from the Crown King Mine, total amount in reserve has not been estimated.

15. Brief History: Recent operation started about 14 months ago. Since the start the Anaconda Tunnel has been opened, exploratory raises and a winze has been run. Mill has been brought into good running shape and about 1000 tons run through for test purposes.

16. Signature: Paul B. Davis, Supt

17. If Property for Sale, List Approximate Price and Terms:

NAME OF MINE: ~~XXXXX~~ GOLDEN CROWN KING

Owner: Golden Crown Mng. Co.

COUNTY: Yavapai

DISTRICT:

METALS: Au, Pb, Zn

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

9/44

Silas P. Silverman, 52
William St., New York City
(Western Gold Mines, Inc.)
Crown King

DATE:

9/44

2/45

6/45

5/46

Preparing to operate.

Developing
& milling

Mining & milling

CROWN KING

Au, Cu

Yavapai

13 - 7

T 10 N, R 1 W

Golden Crown Mng. Co., Crown King

'45

CORNER, Douglas C. 2880 Benedict Canyon Dr. 7-28-42
Box 157 Box 100 Berkeley Hills, Calif - 3-1745
Mayer, Ariz. *Crown King*

See Misc. "C" file - Re custom ores

See CROWN KING MINE - Report by Nebeker 9-30-42
Crown King, Ariz.

See WILDFLOWER - Re Mine loan application 8-23-43

CROWN KING

September 30, 1942

Crown King

A. C. Nebeker

Production Possibilities

The Crown King, Mr. Douglas C. Corner Mgr., is to-day just tuning in the flotation mill. They have 50-60 tons ore in the bin to adjust the flow sheet with.

Mr. Corner is making plans so he can treat all the ores produced by the several small mines which can furnish from 10 to 25 tons per day.

The thing that is worrying him most, is just what scheme he can use, that will serve best the miners and his own company. He wants a working plan which will require the smallest amount of office work and at the same time give the producer the fair price for his metal. He is thinking of making stock piles for each mine and from which he can draw from each pile the tonnage necessary to make a constant value in mill feed. He wants to get away from making affidavit for each pile. Any suggestion will be appreciated.

The ores which will come into the mill will carry lead-zinc and copper with some gold-silver and iron. There will be some value in carbonate ore from a few of the mines.

He will need a bank account in order to assist the small producer until they get set, now the question is where can he get that assistance?

He feels he has the necessary labor in line, but in case a shortage develops he thinks it well to arrange for some Mexican labor.

He has a Zero Qota, and when going good can handle 75 tons per day.

When the mill gets tuned up he is starting production from the Tiger.

Signed: A. C. Nebeker

DEPARTMENT OF MINERAL RESOURCES

Service Report

Date May 16

Nature of Call For information

Place Phoenix office

Name Douglas' Corner

Address White House, Mayer

CROWN KING MINE

Subject Reports and maps on the
Murphy group of claims - Wildflower,
Tiger, Crown King, Victor, Tarpea etc.

Action Was able to furnish Corner
with several thousand assays and
complete claim map of district
relating to Murphy estate

Signed Bill Broadgate

Use other side if necessary

DEPARTMENT OF MINERAL RESOURCES

News Items

Date July 31, 39

Mine Crown King

Location Crown King

Owner Golden Crown Mng Co

Address

Operating Co.

Same

Address

Pres.

Genl. Mgr. Wm. Simon

Mine Supt. Pat O Hagen

Mill Supt. Robt. Cooley

Principal Metals Au

Men Employed 22

Production Rate 50

Mill, Type & Capacity Flotation

Power, Amt. & Type

Signed

Barth

(Over)

Mining on 500 level
Mill running 3 shifts

Expect ship Cons.
New Work Planned within 2 weeks.

Miscellaneous Notes

Bulk concentrate
making an attempt
to depress portion
Zinc barren pyrite

Jones now visiting

DEPARTMENT OF MINERAL RESOURCES

News Items

Date

Dec. 5, 1969

Mine

Crown King

Location

" "

Owner

Gold Crown Mines Inc

Address

Crown King

Operating Co.

Have closed

Address

Crown King
Mines & Mill

Pres.

Genl. Mgr.

3 men working

Mine Supt.

on Anacanda

Mill Supt.

Tunnel of

Principal Metals

their Wildflower

Men Employed

Group.

Production Rate

Mill, Type & Capacity

Power, Amt. & Type

Signed

Barth

(Over)

DEPARTMENT OF MINERAL RESOURCES

News Items

Date

5/10/40

Mine

Crown King.

Location

CROWN KING. ARIZ.

Owner

Address

CARRYING ON ONLY

Operating Co.

ASSESSMENT WORK

Address

PENDING OTHER PLANS

Pres.

Genl. Mgr.

Mine Supt.

Mill Supt.

Principal Metals

Men Employed

Production Rate

Mill, Type & Capacity

Power, Amt. & Type

Signed

JFK

(Over)

DEPARTMENT OF MINERAL RESOURCES

News Items

Date

8/6/40

Mine

CROWN KING

Location

" "

Owner

Year Work Planned

Address

ONLY WATCHMAN

JOHN WILLIAMS -

Operating Co.

Address

NO PLANS FOR
OPERATION -

Mill Notes

Pres.

MIGHT CONSIDER

Genl. Mgr.

LEASE -

Mine Supt.

Mill Supt.

Principal Metals

Men Employed

Production Rate

Mill, Type & Capacity

Power, Amt. & Type

Signed

VJC

(Over)

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine CROWN KING

Date SEPT, 30th, 1942.

District CROWN KING

Engineer A.C. NEBECKER

Subject: PRODUCTION POSSIBILITIES

The Crown King , Mr Douglas C. Corner Mgr., is to-day just tuning in the flotation mill. They have 50-60 tons ore in the bin to adjust the flow sheet with.

Mr Corner is making plans so he can treat all the ores produced by the several small mines which can furnish from 10 to 25 tons per day.

The thing that is worrying him most, is just what scheme he can use, that will serve best the miners and his own company. He wants a working plan which will require the smallest amount of office work and at the same time give the producer the fair price for his metal. He is thinking of making stock piles for each mine and from which he can draw from each pile the tonnage necessary to make a constant value in mill feed. He wants to get away from making affidavit for each pile. Any suggestion will be appreciated.

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He will need a bank account in order to assist the small producer until they get set, now the question is where can he get that assistance?

He feels he has the necessary labor in line, but in case a shortage develops he thinks it well to arrange for some Mexican labor.

He has a Zero Quota, and when going good can handle 75 tons per day.

When the mill gets tuned up he is starting production from the Tiger.

A.C. Nebecker

Geology & Mineralization

Contact - Granodiorite & Schist
Vein strikes NE across contact dips 70° W
Quartz with Galena, chalcopyrite, sphalerite & Pyrite.
Reported Tetrahedrite.

Ore: Positive & Probable, Ore Dumps, Tailings

Mine CROWN KING GROUP

Location 2 1/2 mi. north of Crown King P.O.

District Pine Grove

Former name "

Mine, Mill Equipment & Flow Sheet

Crusher, Hardinge Ball Mill, Classifier,
Fahrenwald Cells, Oliver Filter

Owner Golden Crown M.

Address

Operator "

Gen. Mgr. Wm. J. Simon

President R. G. Jones

Road Conditions, Route

Crown King Road off the Black Canon Highway -
Railroad grade.

Mine Suppl. Pat O'Hagen

Men Employed 22

Principal Metals Gold - copper

Mill: Type & Cap. 75 ton Flotation
Fahrenwald cells

Production Rate 50 tons

Water Supply

Philadelphia tunnel

Power: Amt. & Type Purchased electric

Operations: Present Mining & Milling

Brief History

1890-95 Crown King Mining Co. 10 stamp mill
1906-7 Crown King Mines, Co. 1909 Yavapai Cons. Gold, Silver, Copper Co.
Tailings milled in Flotation Plant Bradshaw Reduction Co. 1923 C-K
Consol. Mines Co.

Operations Planned

1933-34 300 ton Flot. Plant. Prod. \$2,000,000
Reorganized as Golden Crown Mng. Co. 1938

Special Problems, Reports Filed

Number Claims Title etc. Numerous patented and unpatented

Remarks

Description: Topog. & Geog. High up in the Bradshaw Mts.

If property for sale: Price, terms and address to negotiate.

South of Tower Mt.

Mine Workings: Amt. & Condition 700' shaft. Levels at 100' intervals extending 1200' along vein. Partly inaccessible. Unwatered in 1937.

Signed CARL G. BARTHE, Jr.

Use additional sheets if necessary. Separate sheets on each problem.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Date 10-10-1939

Mine CROWN KING GROUP

Engineer Ore: Positive & Probable, Ore Dumps, Tailings

District Pine Grove

Location 2 1/2 mi. north of Crown King P.O.

Former name "

Owner Golden Crown Mining Co.

Address Crown King

Operator "

Address

President R. C. Jones

Gen. Mgr. Wm. L. Simon

Mine Supt. Pat O'Hagen

Mill Supt. Robt. Cooley

Principal Metals gold - copper

Men Employed 22

Production Rate 50 tons

Mill: Type & Cap. 75 ton Flotation
Fahrenwald cells

Power: Amt. & Type Purchased electric

Operations: Present Mining & Milling

Operations Planned

Number Claims, Title, etc. Numerous patented and unpatented

Description: Topog. & Geog. High up in the Bradshaw Mts.

South of Tower Mt. Rugged slopes

Mine Workings: Amt. & Condition

700' shaft. Levels at 100' intervals extending 1200' along vein. Partly inaccessible. Unwatered in 1937.

Geology & Mineralization *Contact - Granodiorite & Schist*
Vein strikes N.E. across contact Dips 70° W.
Quartz with Galena, Chalcopyrite, Sphalerite
& Pyrite - Reported Tetrahedrite
Ore: Positive & Probable, Ore Dumps, Tailings

Location District
Former name

Mine, Mill Equipment & Flow Sheet Address
Crusher, Hardinge Ball Mill, Classifier,
Fahnenwald Cells, Oliver Filter.
Operator
President

Road Conditions, Route Mill Site
Crown King Road off the Black
Canon Highway - Railroad grade.
Principal Metals
Production Rate

Water Supply Power: Amt. & Type
Philadelphia Tunnel
Operations: Present

Brief History
1890-95 Crown King Mining Co 10 Stamp Mill.
1906-7 Crown King Mines Co. 1909 Yavapai Cons.
Gold, Silver, Copper Co. Tailings milled in Flotation Plant
Bradshaw Reduction Co. 1923 C-K. Consol. Mines Co.

Special Problems, Reports Filed
1933-34 300 ton Flot. Plant. Prod. \$ 2,000,000
Re-organized as Golden Crown Mng. Co 1938
Number Claims, Title, etc.

Remarks
Numerous patented & unpatented

If property for sale: Price, terms and address to negotiate.
High up in the Bradshaw Mt. Rugged slopes
Description: Topog. & Geog.

Mine Workings: Amt. & Condition
700' shaft levels at 100' intervals
extending north
Signed *Louis G. Baril Jr*

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Geology & Mineralization

Date *Oct. 10, 1939*

Mine *Crown King Group*

Engineer *Orin Positive & Probable Ore Dumps*

District *Pine Grove*

Location *2 1/2 mi. north of
Crown King P.O.*

Former name *" "*

Address *Crown King*

Owner *Golden Crown Mining Co*

Address *" "*

Operator *" "*

Gen. Mgr. *Wm. L. Simon*

President *R. C. Jones*

Mill Supt. *Robt. Cooley*

Mine Supt. *Pat O'Hagen*

Men Employed *22*

Principal Metals *Gold - Copper*

Mill: Type & Cap. *75 ton Flotation*

Production Rate *50 tons*

Fabrenwald cells.

Power: Amt. & Type *Purchased electric*

Operations: Present *Mining & Milling*

Operations Planned

Number Claims, Title, etc.

Numerous patented & unpatented

Description: Topog. & Geog.

*High up in the Bradshaw Mts.
south of Tower Mt. Rugged slopes.*

Mine Workings: Amt. & Condition

*700' shaft. Levels at 100' intervals
extending 1200' along vein.
partly inaccessible. Unwatered in 1937*

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine CROWN KING

Date September 30, 1942

District Crown King

Engineer A. C. Nebeker

Subject: Production Possibilities

The Crown King, Mr. Douglas C. Corner Mgr., is to-day just tuning in the flotation mill. They have 50-60 tons ore in the bin to adjust the flow sheet with.

Mr. Corner is making plans so he can treat all the ores produced by the several small mines which can furnish from 10 to 25 tons per day.

The thing that is worrying him most, is just what scheme he can use, that will serve best the miners and his own company. He wants a working plan which will require the smallest amount of office work and at the same time give the producer the fair price for his metal. He is thinking of making stock piles for each mine and from which he can draw from each pile the tonnage necessary to make a constant value in mill feed. He wants to get away from making affidavit for each pile. Any suggestion will be appreciated.

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He has a Zero Qota, and when going good can handle 75 tons per day.

When the mill gets tuned up he is starting production from the Tiger.

Signed: A. C. Nebeker

THE CROWN KING MINE

THE CROWN KING SILVER and/or GOLD MINE is located in the Pine Grove Mining district in Yavapi County, Arizona.

The mine is about 40 miles in a southward direction from Prescott, 14 miles of paved road to the CROWN KING road sign, the 26 miles by a dirt road to the mine.

*Date
Author
Unknown*

GEOLOGY

In the Pine Grove District a northeastward trending belt of schist is intruded on the east by granite, on the west by granite and diorite, and on the southwest by gramodiorite. These rocks are cut by northeastward trending dikes of granite and rhyolite porphyry.

The CROWN KING vein strikes north northeast and dips 70% west. It cuts across the contact between gramodiorite and sedimentary Yavapi schist which has been intruded by a dike of rhyolite porphyry. The vein averages 2 feet in width and towards the north splits. It contains two gently northward pitching ore shoots. The ore consists of quartz with abundant sphalerite and pyrite and some chalcopryrite and native gold. It is said to average 0.5 ounces of gold and 4 ounces of silver per ton.

The mine workings include a 480 foot shaft, a 913 foot tunnel 150 feet below the collar, and a 500 foot winze with give levels that each extend about 1,200 feet north and from 200 to 500 feet south. The water stands 250 feet below collar level. According to local reports, all of the ore down to the third level has been extracted but some ore remains between the third and fifth levels.

Mr. Everett Yount was the last man to have worked the CROWN KING MINE and reported approximately 300 tons of \$175.00 ton of ore blocked out on the 450 level and had not reached the limits of the ore zone.

Since 1890; \$1,840,000.00 (of which \$200,00 was paid in dividends) past production had proved the strong gold and silver mineralization on the downward trend in depth.

It is noteworthy to know that the CROWN KING quartz mineralization is of the mesothermal type, that included the "Congress", "Octane" and other productive gold and silver mines here in Arizona.

The Congress and Octant gold mines were mined to a depth of 4,000 and 2,000 feet respectively. In the Congress mine the pay ore decreased in value on the 1,700 foot level, but by following the general trend of the previously mined ore shoot for a few hundred feet in depth, the pay ore came in the same as before. Which proves that throughout this world by following the general trend in depth of many previously mined ore shoots had brought life back to many rich mines, at times far richer and bigger than before. This must be taken in serious consideration for the future of the CROWN KING GOLD MINE in depth.

Today we have more geologic knowledge on the preceding statement than back in the early years of mining and with much more success.

In the early years as soon as the pay ore decreased or terminated in depth they dug more or less deeper, though not enough, and left for other parts. In the early years miners had very little geologic knowledge and depended mostly on their faith.

Today we have no other choice but to go back only in those past proven productive mining districts to explore and the chances of discovering another rich or richer ore shoot in depth is much greater than in an area where little or nothing has been found.

F. L. Ransom, a very prominent American geologist brought out the point of the importance of opening up older mining properties that had produced abundantly in the past and the world famed geologist and mining engineer, Bernewitz also mentioned it in his book "The Handbook For Prospectors and Mine Owners".

The mesothermal silver and/or gold veins are predominately of mesozoic or early tertiary age and in the past some of them had been productively mined to great depths of 4,000 feet or deeper. Their gangue consists of massive to drusy milky white quartz with silver and/or native free gold with various types of sulphides, particularly pyrite, chalcopyrite, galena, spalerite and arsenopyrite. At times these sulphides are gold bearing. Many of these veins are silver bearing and at times silver and/or gold bearing.

As regards the preceding report: that additional ore shoots remain to be discovered in depth in the CROWN KING MINE seems probable. The key point exploration program in depth is to follow the general trend of the previously mined ore shoots and the future outlook appears promising.

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CROWN KING MINE

ALTERNATE NAMES:

PATENTED CLAIMS MS 824
PATENTED CLAIMS MS 1716
PATENTED CLAIMS MS 825

YAVAPAI COUNTY MILS NUMBER: 806C

LOCATION: TOWNSHIP 10 N RANGE 1 W SECTION 10 QUARTER NE
LATITUDE: N 34DEG 13MIN 28SEC LONGITUDE: W 112DEG 20MIN 34SEC
TOPO MAP NAME: CROWN KING - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
COPPER
LEAD
ZINC
VANADIUM

BIBLIOGRAPHY:

USGS CROWN KING QUAD
ADMMR CROWN KING MINE FILE
LINDGREN, W. ORE DEPTS JEROME & BRADSHAW MTNS
QUADS USGS BULL 782 1926 P 168
GUITERAS, J.R. GOLD MNG. & MILLING IN BLACK
CANYON AREA USBM IC 6905 1936 P 39
AZ MINING JOURNAL JULY 1918 P 2L
ALLEN, M.A., VANADIUM AZBM BULL. 115,1921,P13
KOSCHMANN, A.H. & M.H. BERGENDAHL PRINCIPAL
GOLD PRODUCING DIST OF U S USGS PP 610 1968
P 50

20F2

01/20/88

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: CROWN KING MINE

ALTERNATE NAMES:

PATENTED CLAIMS MS 824, 825
PATENT CLAIM 1716

YAVAPAI COUNTY MILS NUMBER: 806C

LOCATION: TOWNSHIP 10 N RANGE 1 W SECTION 10 QUARTER NE
LATITUDE: N 34DEG 13MIN 28SEC LONGITUDE: W 112DEG 20MIN 34SEC
TOPO MAP NAME: CROWN KING - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
COPPER
LEAD
ZINC
VANADIUM

BIBLIOGRAPHY:

USGS CROWN KING QUAD
ADMMR CROWN KING MINE FILE
LINDGREN, W. ORE DEPTS JEROME & BRADSHAW MTNS
QUADS USGS BULL 782 1926 P 168
GUITERAS, J.R. GOLD MNG. & MILLING IN BLACK
CANYON AREA USBM IC 6905 1936 P 39
AZ MINING JOURNAL JULY 1918 P 2L
ALLEN, M.A., VANADIUM AZBM BULL. 115, 1921, P13
KOSCHMANN, A.H. & M.H. BERGENDAHL PRINCIPAL
GOLD PRODUCING DISTS OF U S USGS PP 610 1968
P 50

FILE *Garapa Co.*
CROWN KING WORKINGS
 SCALE 1" = 100 FT.

FROM 300 LEVEL UP TO N#1 TUNNEL, SHOOT AND VALUES AVERAGE ABOUT \$30 Au + \$10 Ag, MOSTLY Pb + Zn WITH LITTLE Cu SULFIDS. FROM 500 TO 300, SHOOT AND VALUES VERY IRREGULAR, MOST VALUES HERE WERE FREE.

SOUTH END LINE
 SILVER KING CLAIM

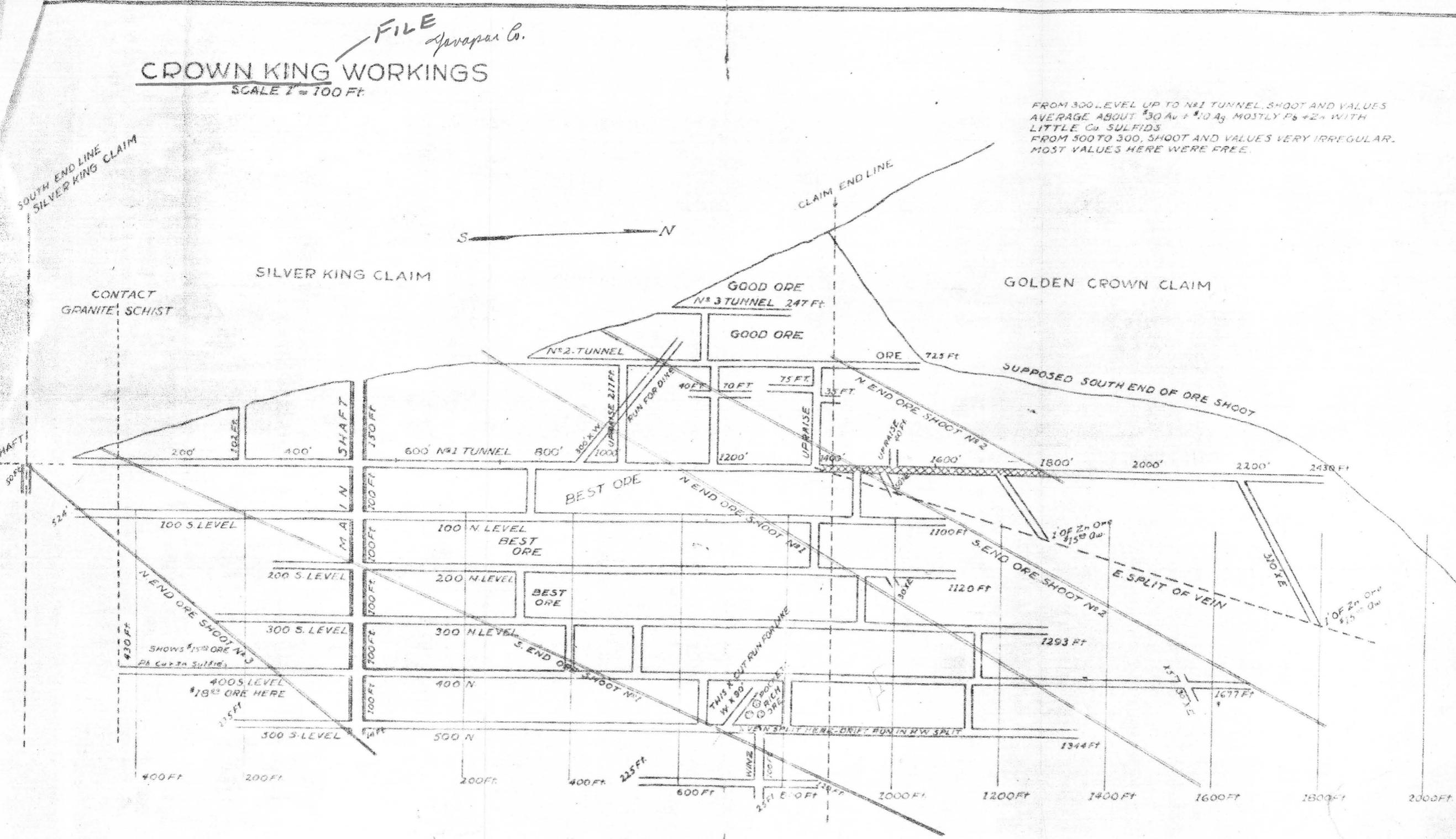
CLAIM END LINE



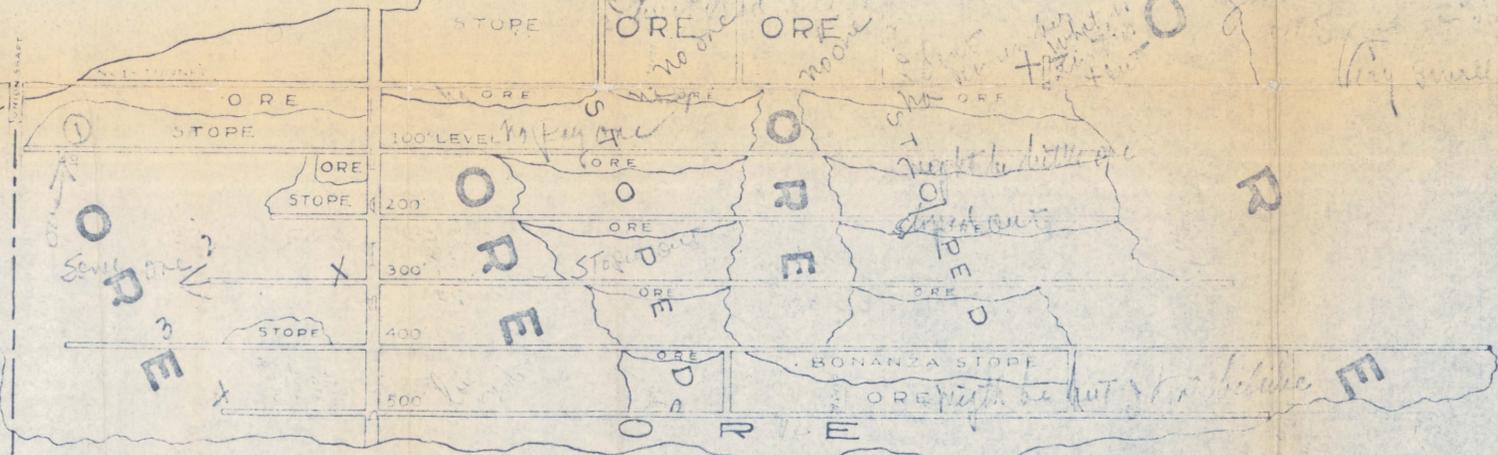
SILVER KING CLAIM

GOLDEN CROWN CLAIM

CONTACT
 GRANITE SCHIST



SARATOGA MINE



PROSPECTIVE ORE

CROWN KING MINE

*To reopen the old western hill not too much
 if you want to find out what is at bottom
 ground is very bad in
 Crown King old shaft there might be some more that
 is worth a shaft level*

VIRGIN GROUND
PROSPECTIVE ORE

40' SHAFT
 ORE RUNNING \$40.00 TO \$60.00
 PER TON ENCOUNTERED HERE

on Crowned King Patent

PORPHYRY DYKE