



## **CONTACT INFORMATION**

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05/07/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: CRACKER JACK

ALTERNATE NAMES:

COPPER KING  
CARNEY PROPERTY

GILA COUNTY MILS NUMBER: 511A

LOCATION: TOWNSHIP 11 N RANGE 9 E SECTION 22 QTR. NE  
LATITUDE: N 34DEG 17MIN 04SEC LONGITUDE: W 111DEG 25MIN 15SEC

TOPO MAP NAME: BUCKHEAD MESA - 7.5 MIN

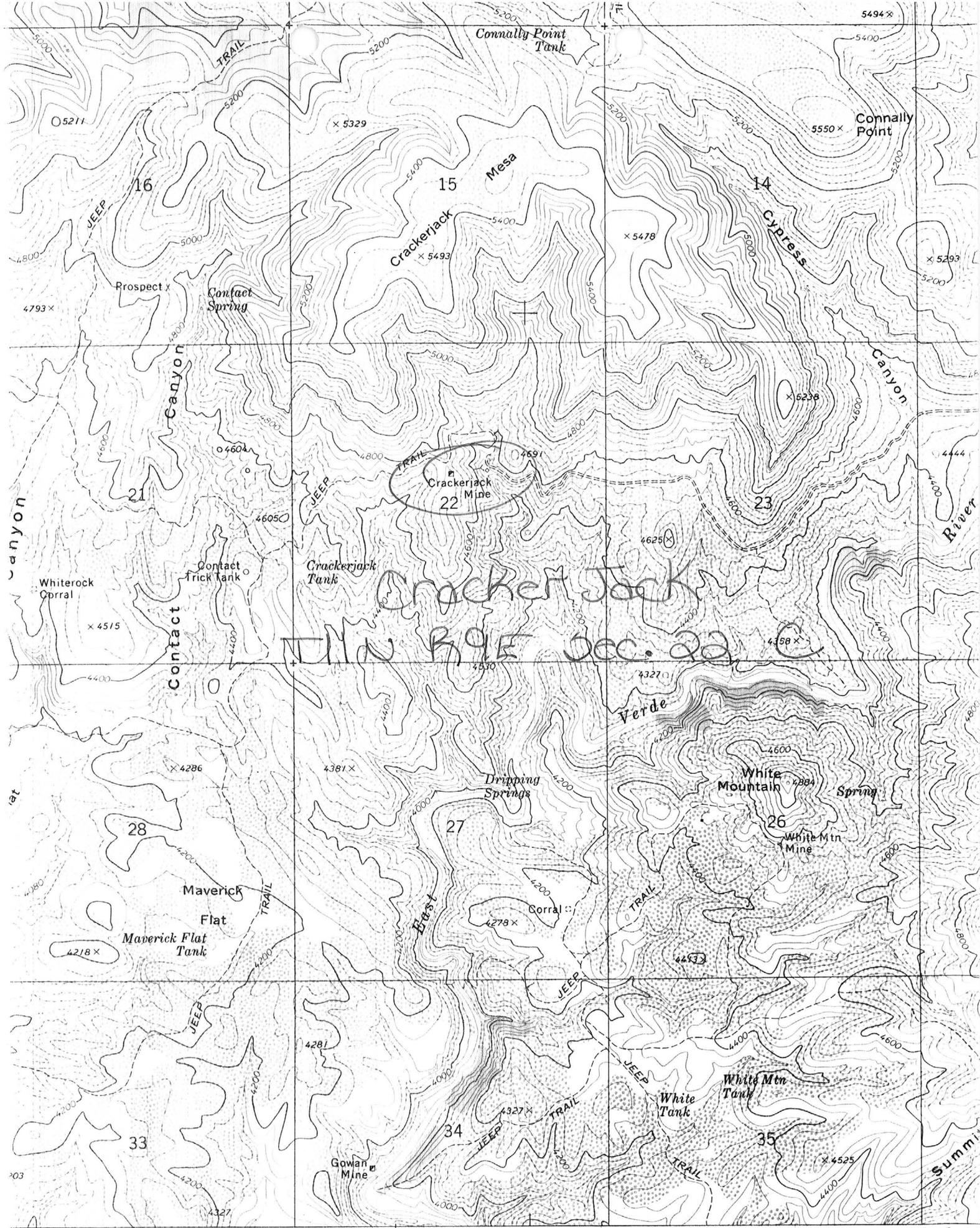
CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER-PRIMARY  
GOLD-BYPRODUCT  
SILVER-BYPRODUCT

BIBLIOGRAPHY:

ADMMR CRACKER JACK FILE  
ARIZONA MINING JOURNAL MAY 1920, P. 17  
PAYSON GOLD DISTRICT - ADMMR CORRES FILE



Crackerjack  
 Mine  
 Dec. 22, 1915

459 (NORTH PEAK) 460 461 25' 462 463 INT

3752 III NW  
 SCALE 1:24 000

Buckhead Mesa 7.5'

Primary highway,

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Copper King (formerly Cracker Jack) Date November 18, 1977  
District Green Valley (Payson) Engineer Ken A. Phillips  
County Gila  
Subject: Description of property and current status

Location: Sec. 22, T.11N, R.9E, G.&S.R.B.&M, Buckhead Mesa, Arizona  
7½ Minute Quadrangle, Green Valley Mining District, Gila  
County, approximately 6½ air miles N by WNW of Payson.

Access: The property can be reached by traveling north from Payson  
on Highway 87 approximately 5 miles to Forest Service road  
209 then approximately 8 miles west (fording the East Verde  
River) to the mine. The property can also be reached by a  
jeep trail from the northeast which, although long and  
rough, does not require crossing the East Verde when the  
river is high.

Ownership: Notices on the property indicate the present owners of Copper  
King 1 through 8 are Chester Edeline, Carefree, Arizona, and  
Larry Stunegger, both doing business as Major Minerals Company,  
P. O. Box 2083, Carefree, Arizona.

Present Status of Property: Assessment work in the form of repairs to  
the adits, tunnels (?) and stopes in excess of \$800 was claimed  
for the assessment year ending noon September 1, 1977. Sur-  
face structures consist of 3 wood frame sheet metal build-  
ings, one of which serves as a small cabin. The other two  
are apparently used as workshops or for storage. At the  
time of the visit the buildings were empty but in good con-  
dition. No other surface structures or equipment was present  
on the property.

Workings: The property was developed by two adits, one in excellent con-  
dition on the vein and second, in poor condition in the foot  
wall about 20 feet off the vein and 5 feet below the first.  
The extent of the workings was not determined.

Deposit: The adits develop a 3-5 foot fissure vein in quartz monzonite  
of possible precambrian age. The vein strikes 80° west and dips  
81° north. The wall rocks shows moderate chlorite alteration.

Minerals: Gold, malachite, brochantite, chalcopyrite, cuprite, chalcocite,  
gold and quartz along with a small amount of leached outcrop  
limonite was on the dump. Broken core samples could be found  
on the dump.

CRACKER-JACK MINE

GILA COUNTY  
GREEN VALLEY DIST.

✓ Mr. Heath reported that he had sold the  
Cracker Jack Mine.

Conf. Report LAS 6-3-59

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See: "PAYSON GOLD DISTRICT MINES" (Corres.files)

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CRACKER-JACK MINE

GILA COUNTY

New owners - Larry Steineggar, Chester Edeline, c/o P.O. Box 743, Carefree,  
Arizona, 253-6043 or 942-9058, as per office visit by these two gentlemen  
September 30, 1975

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine CRACKERJACK MINE

Date June 14, 1957

District GILA COUNTY

Engineer Lewis A. Smith

Subject:

The Crackerjack Mine, 7 miles northwest of Payson (Sec. 22, T11N, R9E) was visited June 5, 1957.

The property is being operated by Standard Uranium.

They are now attempting to find new ore lenses. Production has been periodic since last summer. The ore is very good chalcopryrite in what appears to be finger shears in the main quartz vein as well as in the footwall andesite porphyry.

The character of the ore makes development of stoping areas difficult. Some lenses contain practically nothing but chalcopryrite while others contain nearly barren pyrite. Barren quartz separates the lenses within the vein while altered and relatively low grade or barren andesite in the footwall area. However, the footwall will develop "soft spots" adjacent to lenses. The appearance of the material indicates "finger" shearing with lenses or large included blocks of country rock being replaced by mineral solution within the quartz. The development of the lenses in the andesite may possibly be due to intersection "finger" shears.

Some difficulty with dilution has been had in the mining of the ore lenses.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine CRACKER JACK GROUP

Date March 25, 1955

District GREEN VALLEY MINING DIST., GILA COUNTY

Engineer B. J. Squire

Subject: Report on visit to property.

LOCATION: ✓ Go 12 mi. west of Payson to Taylor Ranch, 8 mi. northeast up ridge to mine under the rim.

HISTORY: ✓ Mine was operated about 50 years ago. Present owner, W. D. Heath, Payson, Arizona took up 15 claims in 1945. Owner shipped two cars of ore in 1954.

GEOLOGY: Country rock is granite. Ore is in fissure vein, dip vertical, strike EW about 4 feet wide, and in lenses in vein, sometimes cut off by cross fractures. Minerals are Bornite, Chalcocite, chalcopyrite and some Au and Ag in a silicious gangue. Grade varies up to 20% Cu (owner) but two cars shipped averaged 7.7% Cu and 8.7% Cu. About 10,000 tons estimated is partly blocked out, at least 2,000 tons completely blocked out.

WORK DONE: Drift on vein about 350' about 150 feet down from top of hill. Shaft on vein about 90' deep at top of hill, Shaft 45' deep on vein and raise to surface 100' down tunnel mouth about 45 feet.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date Oct 18, 1950

1. Mine: Cracker Jack
2. Location: Sec. 22 Twp. 11 N Range 9 E Nearest Town Payson  
Distance 16 Direction SE Road Condition Good to E Verde river the  
passable by jeep only.
3. Mining District & County: Green Valley 619 terrible
4. Former Name of Mine: \_\_\_\_\_
5. Owner: W. D. Heath  
Address: Payson, Ariz
6. Operator: same  
Address: \_\_\_\_\_
7. Principal Minerals: Cu 190
8. Number of Claims: 14 Lode  Placer \_\_\_\_\_  
Patented \_\_\_\_\_ Unpatented
9. Type of Surrounding Terrain: Rugged, NW bank of East  
Verde river, Pine & cedars
10. Geology & Mineralization: Vein is 12" to 18" in width.  
strike N 80° W dip 85° SE to vert. Precambrian  
schist granite, diorite, some limestone.
11. Dimension & Value of Ore Body: Principal mineral Cu as  
calcopryite about 190, higher in spots.

12. Ore "Blocked Out" or "In Sight":

adit for l. v. vein  
for 100' about 12" wide

Ore Probable: questionable. Doubt if it will widen.

13. Mine Workings—Amount and Condition:

No.	Feet		Condition
Shafts..... 1	100	vert	good.
Raises..... 1	35	"	fair
Tunnels..... 1			
Crosscuts.....			
Stopes.....			

Total of 1000' workings. Adit & shaft do not connect.

14. Water Supply:

sufficient for mining and  
camp purposes.

15. Brief History:

16. Signature:

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

NAME OF MINE: CRACKERJACK  
OWNER: William O. Haley, Payson

COUNTY: GILA  
DISTRICT: -  
METALS: CU

OPERATOR AND ADDRESS:

MINE STATUS

DATE:  
5/1/44  
1/46

W.D. Heath, Pine, Arizona  
" Payson

DATE:  
5/1/44  
7/46

Developing  
Idle

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

*made card*

Mine Copper King (formerly Cracker Jack) Date November 18, 1977  
District Green Valley (Payson) Engineer Ken A. Phillips  
County Gila  
Subject: Description of property and current status

Location: Sec. 22, T.11N, R.9E, G.S.R.B.&M, Buckhead Mesa, Arizona  
7 1/2 Minute Quadrangle, Green Valley Mining District, Gila  
County, approximately 6 1/2 air miles N by WNW of Payson.

Access: The property can be reached by traveling north from Payson  
on Highway 87 approximately 5 miles to Forest Service road  
209 then approximately 8 miles west (fording the East Verde  
River) to the mine. The property can also be reached by a  
jeep trail from the northeast which, although long and  
rough, does not require crossing the East Verde when the  
river is high.

Ownership: Notices on the property indicate the present owners of Copper  
King 1 through 8 are Chester Edeline, Carefree, Arizona, and  
Larry Stunegger, both doing business as Major Minerals Company,  
P. O. Box 2033, Carefree, Arizona. *make cards done 8/11/78 ad*  
*made card*

Present Status of Property: Assessment work in the form of repairs to  
the adits, tunnels (?) and stopes in excess of \$800 was claimed  
for the assessment year ending noon September 1, 1977. Sur-  
face structures consist of 3 wood frame sheet metal build-  
ings, one of which serves as a small cabin. The other two  
are apparently used as workshops or for storage. At the  
time of the visit the buildings were empty but in good con-  
dition. No other surface structures or equipment was present  
on the property.

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dition on the vein and second, in poor condition in the foot  
wall about 20 feet off the vein and 5 feet below the first.  
The extent of the workings was not determined.

Deposit: The adits develop a 3-5 foot fissure vein in quartz monzonite  
of possible precambrian age. The vein strikes 80° west and dips  
31° north. The wall rocks shows moderate chlorite alteration.

Minerals: Gold, malachite, brochantite, chalcopyrite, cuprite, chalcocite,  
gold and quartz along with a small amount of leached outcrop  
limonite was on the dump. Broken core samples could be found  
on the dump.

CC - *Curran*

PAYSON GOLD DISTRICT MINES, GILA COUNTY

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SEE: "VERDE FALLS GOLD MINING CO." FILE,  
GILA COUNTY, FOR FURTHER INFORMATION.

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SEE: MAP (also negative) OF "VERDE FALLS"  
IN SECTION #6 OF BROWN MAP CABINET  
TOP OF "MINE OWNERS REPORTS"  
SOUTH WALL.

REPORT ON THE  
PAYSON GOLD DISTRICT

Payson, Arizona  
August 1925

Messrs. Anton Trejanovich and Wm. E. Shalley,  
Globe, Arizona.

Gentlemen:

In accordance with your instructions I have visited the various properties near Payson, Arizona, and beg to submit the following report:

All of the mines are at present practically inaccessible, being caved or in dangerous condition. For this reason this report can only be general and details will necessarily be secured from future developments. What information can be obtained from the old workings and their history, production, etc. is very favorable for the project and fully warrants a thorough investigation of the properties. This should be started and when a sufficient amount of ore is assured the development of the water-power and the building of a mill will become advisable.

In general, the prospects of this project becoming a very profitable one are very good. A small amount of money spent in opening and exploring the old workings will, without much doubt, warrant the further expenditure necessary to bring it to the state of production.

Conditions at the different mines are very similar and the following general description applies equally well to any of them. A few notes on individual properties are also appended, but these may be subject to considerable change.

THE PAYSON DISTRICT

The properties included in this project lie in an area about five miles from north to south and from Payson for about three miles west. The country lies at an elevation of about 5000 feet and slopes to the west and south into the valleys of the East Verde River and Rye Creek. The hills are rolling and rather rough, but offer little difficulty to mining operations or road building. The East Verde River flows through the district and can furnish both water for milling and power for operation. Timber can be secured from nearby districts and general working conditions are excellent.

HISTORY

Claims were first located in the district in about 1880 and work on a small scale was carried on intermittently until 1897. Since then only a little leasing has been attempted. A two stamp custom mill was in operation at one time and much ore has been treated in arrastras. No record exist, but probably \$3000,000 or \$400,000 has been produced from the district and possibly more. Old tailings from these operations are said to retain from \$8 to \$10 in gold values.

## GEOLOGY

The country-rock of the district is a granodiorite with both red granite and black diorite facies. In general the diorite preponderates in the west and most of the ore is found in or near this rock. It is probable that it is a marginal phase. All ores are found in two series of clean-cut fissure veins which strike either N-60-E or N-10-W. The N-60-E veins dominate in the southern part of the district and the N-10-W veins in the northern. Both have the same type of ore.

The grano-diorite was intrusive into schists which appear west of the district. These formations are pre-Cambrian and the ore deposition is probably also of this age. A few of the hills and ridges in the district are capped by remnants of younger red sandstones and limestones which cover the veins.

## VEINS AND ORES

The veins vary up to five feet in thickness. The values are principally in gold with varying percentages of copper and a little silver. The gold has been largely free as far as worked and the copper near the surface is found as carbonates, chrysocolla and a good deal of red oxide. Chalcocite and chalcopyrite show at shallow depth. The gangue is entirely quartz.

The ores are of a high temperature type and much of the gold may remain free milling with depth. The copper will there be as chalcopyrite or bornite. This type of ore deposit has a great vertical range and no change in values, except a probable lessening percentage of copper is to be expected in depth.

## ORE VALUES

The gold values in the veins are very erratic, High grade streaks up to a foot wide run from \$50 to \$100 per ton. It is thought that the remainder of the ore with a little sorting may average \$20 per ton. This is very uncertain and can only be verified by reopening the mines. It is very possible that a lower mill head and greater tonnage may be more profitable.

## GOWAN MINE (file)

This is five miles west-northwest of Payson on the East Verde River and one and a half miles below the site of the proposed power house. It is the most extensively worked property in the district. The vein strikes N-20-W and dips 45°E. The ore shoot, now stoped, was up to five feet thick and 200' long. This ore was run through a ten-stamp mill on the property and recovery is said to have been \$45 per ton. There is much visible gold in the little ore remaining. The bottom of the old workings is at the water level and the ores probably become refractory there.

This vein should be opened up at once as it seems likely to place a considerable tonnage of ore in sight very quickly. This is a central location for a milling plant for the district.

SUMMIT MINE (file)

This is about two and a half miles northwest of Payson. There were quite extensive workings which are now entirely caved. Considerable ore is said to have been produced and a large dump is stated to average \$7 in gold. This is worthy of later investigation.

THE "85" MINE (file)

This property is about two and a half miles southwest of Payson on a branch of Rye Creek. The principal workings are near the intersection of two veins striking N-60-E and N-0-E and dipping 45° northwest and 65 west respectively. The mine was opened by shafts, tunnels and winzes to a depth of 300 feet from surface. Probably 2000 tons have been mined from here and it is said that from \$75,000 to \$100,000 has been received. 455 tons of this ore are said to have been milled in the two-stamp mill with a recovery of \$42.28 per ton. About 1000 tons of \$20 ore are blocked out in the mine. The above is taken from a report by Chas. L. Ratliff, dated August 30, 1904, in Globe. The mine is inaccessible and nothing can be verified, but the report seems reliable.

This mine should be opened up through the lower tunnel and the values and width of the vein ascertained. The so-called "blind ore shoot" of the report should be investigated as two samples from it averaged \$20 per ton. Two other unexplored veins on this property farther northwest are worthy of later notice.

GOLD ROCK

This is on the extension of the northeast vein. There is a 190' shaft in poor condition and a little drifting. Some ore has been shipped and two samples by Ratliff averaged \$34.70 for 2 feet width. The vein is said to be from one to four feet wide and it can be best explored from the "85" tunnel levels as work advances from that mine.

MAGGIE VEIN

This may be the southwestern extension of the vein on the "85" and the Gold Rock. Three old shafts are now caved and inaccessible. Old maps show an ore shoot 125' long and the vein is said to be from one to four feet wide. Two samples from the edges of the old stope averaged \$40.10 for 12" width (Ratliff). The bottom of the stope coincides with the water level and it is probable that the ores become refractory at this point. This may account for the work being stopped. The property is well worth opening up later.

GOLDEN WONDER See "85" mine file

These claims adjoin the Maggie, and the Golden vein may be the southwestern extension of the Maggie. The vein strikes N-60E and dips 40 northwest. The main workings are caved. A more recent shaft shows four feet of ore and two samples ran \$50 with good copper values. There is some high grade ore in the dump and the remainder is said to run \$8 which seems reasonable as much ore can be seen.

This vein should be opened up at once as the prospect of high grade as well as milling ore is very good.

EXCURSION MINE (file)

This property is about four miles southwest of Payson. The vein strikes N-60-W and dips 60 northeast. It shows in outcrop up to four feet wide and 200' long. There is a caved shaft 165' deep with a 50' drift on the 75' level. Some ore has been shipped and the dump is said to run \$7 or \$8. This vein can be reopened very cheaply and give a quick available tonnage of milling ore.

LINCOLN MINE

This is one and a half miles northwest of Payson in a coarse red granite formation. The vein strikes N-60-E and dips 60 northwest. There is a 50' shaft, now caved and some sorted ore was treated which is said to have run \$60. The vein seems small, but is worth opening up later.

OTHER PROPERTIES

Several other properties were not visited, but are said to have good possibilities for development. All are in the same inaccessible condition as those seen. The Contact and the Crackerjack about two miles north of the Gowan are possibly the most important. Other properties in the immediate district are the America, McDonald's Liberty, Tony, Goldfield, Delaware and others.

With an operating mill a profitable custom business may be built up on ores from other properties in the district not included in the present project.

Respectfully submitted,

(Sgd) C. W. Botsford

Inspiration, Arizona,  
August 14, 1925

Phoenix, Arizona.  
February 2, 1933.

This is to certify that the above is a true copy of the original report as gotten out by C. W. Botsford, E. M., who was consulting engineer for the Inspiration Copper Company of Globe, Arizona at the time the report was made.

(Sgd) W. B. Twitchell

Subscribed and sworn to before me this 2nd day, Feb'y, 1933.

SEAL

(Sgd) N. A. Lytle  
Notary Public.

My Commission expires, July 16, 1934.

CRACKERJACK

November 2, 1942

Green Valley

J. S. Coupal

Reconstruction Finance Corporation ✓  
Preliminary Development Loan

Docket No.  
Date Application Received  
Date of Report

C-ND-Phx. 79  
October 26, 1942  
October 31, 1942

1. Name and address of applicant (correspondent):  
William O. Haley, Payson, Arizona.
2. Character of project and estimated cost thereof:  
Rehabilitate shafts and lateral workings and equip for producing copper ore,  
\$5,000.00.
3. Location of property:  
Green Valley Mining District, T 11 N., R. 9E, Section 22, Gila County, Arizona.
4. Applicant's interest in or ownership of property:  
Applicant is owner by location.
5. Loan requested:  
\$5,000.00.
6. Loan recommended:  
\$5,000.00.
7. Comments:
  - (A) The mining engineer, C. L. Orem, assisting in preparing application called at the office to discuss this property. The extreme hazard and danger encountered in entering the old workings made thorough sampling impossible. Only in limited areas could the vein be sampled.
  - (B) The ore showings in the lower or 100 foot level indicated greater length, width and persistence to the mineralization. A limited tonnage can be made available for mining from above the 100 foot level when old workings are rehabilitated.
  - (C) Samples #8 and #11 taken from the floor of the 100 foot level did not show this and the engineer was called in for more detailed explanation. He stated that both samples were outside of the true vein and indicated highly mineralized wall rock.
  - (D) He states furthermore the improved ore showing both in length and depth at the 100 foot level justifies rehabilitating workings so as to make careful survey and sampling so as to plan on further development.
  - (E) The long haul to smelter and the road work necessary to steady production makes the property marginal but from dump sampling and the few shipments of sorted high grade ore, some production should be obtained.

CRACKERJACK

- 2 -

November 2, 1942

(F) The loan is recommended.

DEPARTMENT OF MINERAL RESOURCES

J. S. Coupal, Director