



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 05-09-2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BEN HUR PLACERS

ALTERNATE NAMES:

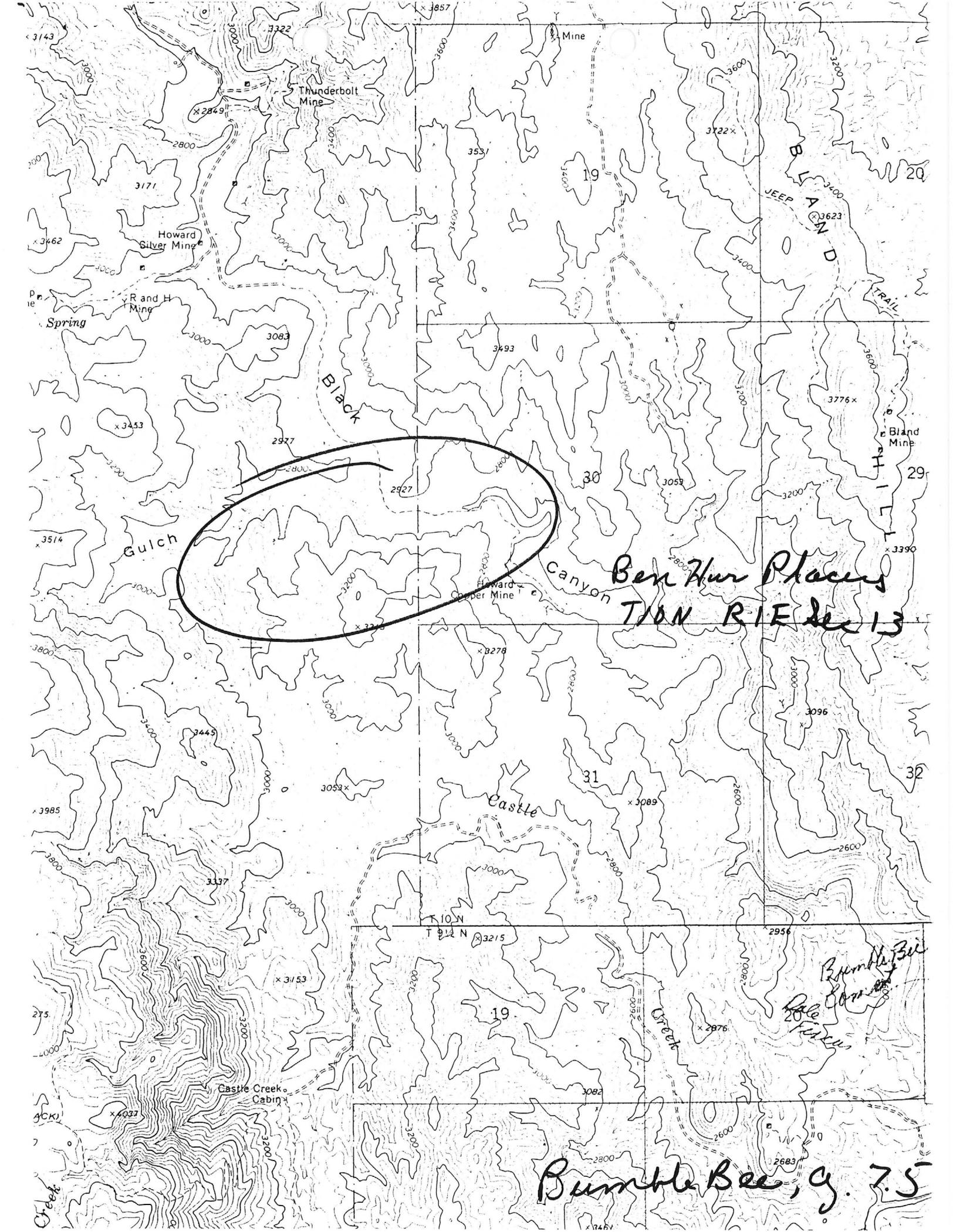
YAVAPAI COUNTY MILS NUMBER: 1321

LOCATION: TOWNSHIP 10 N RANGE 1 E SECTION 13 QUARTER NE
LATITUDE: N 34DEG 12MIN 30SEC LONGITUDE: W 112DEG 12MIN 11SEC
TOPO MAP NAME: BUMBLE BEE - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
GOLD PLACER

BIBLIOGRAPHY:
ADMMR BEN HUR PLACER FILE



Thunderbolt Mine

Howard Silver Mine

R and H Mine

Black Gulch

Castle Canyon

Howard Copper Mine

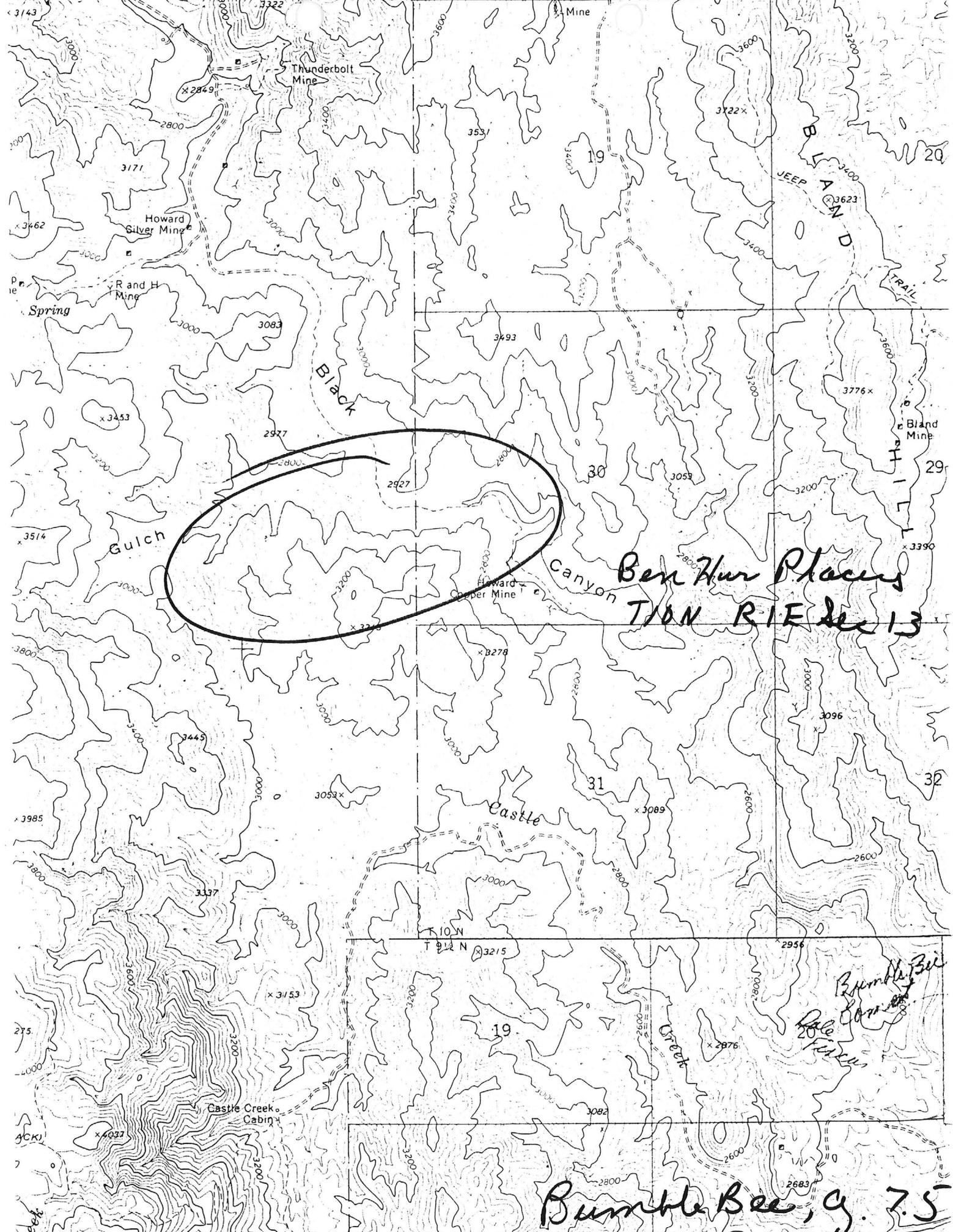
Bland Mine

*Ben Hur Places
T10N R1E Sec 13*

Castle Creek Cabin

Bumble Bee, G. 7.5

*Bumble Bee
Cave
T10N R1E*



DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Ben Hur

Date Sept. 20, 1954

District Black Canyon

Engineer Mark Gemmill

Subject: Present Status

There has been no activity at this property for some years. Efforts were made about 1939 to operate a placer machine at the property but it did not to be profitable and the project was abandoned.

Phoenix, Arizona
June 7, 1945

Colonel Charles H. Rutherford
624 Heard Building
Phoenix, Arizona

Dear Colonel Rutherford:

I submit the following report on the BEN HUR unpatented Placer Mining Claim, situate about 7 miles south of Cleator, Yavapai County, below its junction with Cow Creek.

DESCRIPTION. This claim comprises approximately 20 acres, being direct filings from the U. S. government, this ground being of gravel, which runs north for several miles, with many boulders in the stream bed, none of which but could be handled with a 3/4 yard power shovel. Access is had by a road from Bumble Bee along Cow Creek to within one mile of the BEN HUR claim, no difficulty would be experienced in extending this road to the property. I am advised that the Supervisors of Yavapai County, had a survey made and are willing to build the road to the property as soon as operations, can be assured.

The claim includes a horseshoe bend in the creek where the water runs against a sharp bluff and continues 600 feet before reversing direction. This feature makes your claim one of the most promising in the district, and I believe it to be a natural "treasure house", due to the gold being trapped in this bend.

YARDAGE AND VALUES. The commercial sands contained in this deposit are in the gravel wash or bed proper, and in the side walls, and it is conservative to assume a yardage of 250,000 cubic yards in the wash and side wall area. In addition to this yardage and on either side of the wash are hill values which should be prospected carefully to determine the advisability of working. The addition of this hill yardage would greatly add to the 250,000 estimated yardage as above.

Values per cubic yard in the loose top gravel run over 50¢ per yard, and at bed rock from \$8.00 to \$12.00. Owners of claims above yours, are taking out by pan, gold enough to pay them excellent wages. When I examined your claim recently one man was using a Long Tom rocker sluice with metal lath and heavy duck bottom and making very good recovery interspersed with occasional very rich runs.

The samples taken by me on my recent examinations were taken from indiscriminate points over the entire claim, and in no place did I pan a single sample without obtaining commercial ore recovery.

WATER SUPPLY. Coming into Black Canyon, where your claim is situated, and several miles above, are Turkey and Poland Creeks, which empty into this Canyon. Water is available about eight months each year. About a mile above your claim is one owned by a lady in Phoenix, which the walls are but 20 feet apart and are over that height, where a dam could be constructed at an estimated cost of \$1,000, which would supply water the year round to this and other claims above it. There are no restrictions on tailings in this district, making disposal easy.

EQUIPMENT SET UP. I would recommend an equipment consisting of from 3/4 to 1 cubic yard gasoline powered shovel of the cater-

pillar type for portable operation with a trommel unit capable of handling from 500 to 1000 cubic yards of bank run per day. The separation plant to be mounted on a portable skid unit with feed elevator and stacker together with hopper and grizzly, the latter to eliminate 75% of the normal bank run, thus allowing the separate unit to handle the concentrates, the concentrates to pass through a duplicate set of screens, the smallest being a 20-mesh, to deliver the black sand and gold to a set of mechanical amalgamator plates which will gather the gold therefrom by the use of mercury, from whence it will be returned and shipped to the mint as bullion. This plant is entirely adaptable and has proven itself in many commercial enterprises to be the last word in up to date placer methods. The cost of this operation with this equipment should not exceed 15% per cubic yard.

I estimate from 200 to 300 lbs. of black sand to the yard. The assays I have seen by the Arizona Assay Office, Phoenix, and the Ragooland-Broy Laboratories of San Francisco, confirm my belief that these sands contain large value.

The gravel and sand formation in this area have been known and worked for many years by the placer miners of the district. Their work proves the widespread distribution of free gold throughout this material. There are no unusual or complex problems to contend with in order to make maximum gold savings and the cost of operation will be very small here as compared with other forms of mining, while the proportionate profits to be gained should be very high, inasmuch as I believe that a \$1.00 per cubic yard minimum recovery can be had on the entire available yardage.

S U M M A R Y

This is one of the most satisfactory and promising placer propositions that has come to my knowledge and observation during my 40 years in the mining industry in Arizona. It requires simply a comprehensive, common-sense plan of operation and should prove highly profitable with a moderate expenditure for plant installation, considering the wonderful potentialities which it undoubtedly has.

Climatic conditions make it an entire year round operation, the elevation being around 2700 feet. Labor can be had, and is available and not excessive in cost. Adjacent to this general area is a good farming country, which insures ample commissary and food conditions.

I heartily recommend the BEN HUR PLACER CLAIM and am firm in the belief that it will be very profitable as an investment to my associates whom you might interest in this proposition.

Respectfully submitted,
Geo. K. Nelson
Geo. K. Nelson

BEN HUR PLACERS

This property is located about 7 miles south of Cleator on Black Canyon Creek below its junction with Cow Creek. It consists of one placer claim held by Col. C. H. Rutherford, 624 Heard Building, Phoenix.

Access is had by a road from Bumble Bee along Cow Creek to within one mile of the Ben Hur claim. No difficulty would be experienced in extending this road to the property.

The claim includes a horseshoe bend in the creek where the water runs against a sharp bluff and continues 600 feet before reversing direction. This feature makes the claim one of the most promising in the district. Few large boulders are encountered; practically all can be handled with a 3/4 yard shovel.

An estimated 200,000 yards of gravels are available which are reported to assay fifty-three cents a yard. The average depth is eight feet. Water runs in the creek during eight months of the year.

Considerable black sand is contained and attached assay sheets indicate values recovered.

George A. Ballam

June 5, 1945

C
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P
Y

RAGOODLAND-BROY LABORATORIES

ASSAYING & ANALYTICAL WORK

Specializing in Recovery of Precious and Strategic Metals from Black Sand and Placer Concentrates

754-58 Natoma St., -- Tel. Henlock 1143.
San Francisco, California

PHILIP J. RAGOODLAND--GEO. L. BROY

Sample Black Sand

Date received 10-9-42

Gold \$35.00 per oz.

Deposited by H. E. Schrum,
El Cajon, California

Oct. 10, 1942

Per ton of 2000 lbs.

Lab. No.	Mark	Gold		Other Metals
		Ounces	Value	
1358#1	Black Sand	2.60	\$91.00	
1517#1	" "	5.25	\$183.00	

Sample as Submitted:

Respectfully submitted

Ragoolland-Broy Laboratories

By P. J. Ragoolland

Phoenix, Arizona

Phone 3-4001

Chas. A. Diehl
ARIZONA ASSAY OFFICE
815 North First Street

P. O. Box 1148
Sept. 29, 1939

This Certifies That samples submitted for assay by Mr. Jake Linville
contain as follows per ton of 2000 lbs. Avoir.

Marks	Value (oz)	Total Weight Of Au & Ag 10s	Percentage		Black Sand conc.	
			Plus $\frac{1}{2}$ "	Minus $\frac{1}{2}$ "		
#1 Old Kentuck	Cut #1 West Cut	cu. yd. 9.04	40.00	43.56	56.44	1.45%
#2 " "	Cut #2 West Cut	2.61	32.00	40.63	59.37	1.78%
#3 " "	Cut #3 East Cut	8.04	26.75	25.24	74.76	1.64%
#1 Blk. Sand after Amalg.		1.00	35.00	.58		1.45%
#2 " " " "		.57	19.95	.57		1.78
#3 " " " "		.44	15.40	.44		1.64

Assayer Arizona Assay Office
C.A.D.

Charges \$ Paid

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Assayer Arizona Assay Office
C.A.D.

Charges \$ Paid

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San Francisco, California

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El Cajon, California

Oct. 10, 1942

Per ton of 2000 lbs.

Lab. No.	Mark	Gold	Other Metals
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George A. Ballam

June 5, 1945

TREASURER AND TAX COLLECTOR
Maricopa County
Phoenix, Arizona

November 19th 1942

Colonel Charles H. Rutherford
624 Heard Building
Phoenix

Dear Colonel:

I have delayed mailing the information you wished to the value of your placer mining claim situate in Black Canyon, Yavapai County, and known as the Ben Hur.

The rather unusual activity in this area where is located your claim and my own, has brought several uninvited scouts to our claims, and I understand there has been one from New Mexico, who has his own equipment so he does not need priorities. I understand that he is desirous in entering into negotiations with us if possible. This information comes from a man who has mining claims above us.

As you know from numerous assays this entire area, shows values in gold along better than one dollar per yard.

Doubtless you are wondering why I have told you for several weeks past not to sell or lease your claim without first getting in touch with me. During that time I have had several tests made for valuable minerals from the Black Sand or Iron, which iron I estimate runs from 100 to 400 lbs. per ton of gravel. It will interest you to learn this iron shows several ores of considerable value (outside of gold) one in particular being TITANIUM, which assays 3% to the ton from Black sand or iron. Titanium now has a market value of \$5 per lb. So it is a pleasure to give you this good news. Incidentally I consider your claim one of the most valuable in the state for gold alone, as it has a horse-shoe turn of some 600 feet, before resuming its course along the Creek. In other words that turn is a natural trap where minerals for countless years remain as there is little likelihood of their being washed down the Creek.

I estimate your yardage at about 200,000.

With kind regards and best wishes,

I am, Very sincerely yours,

/s/ W. H. Linville

W. H. Linville

C O P Y

COPY

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		Gold.	Other Metals
		Ounces	Value
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1517#1	" "	5.25	\$183.00

Sample as Submitted:

Respectfully submitted

Ragooland-Broy Laboratories

By, P. J. Ragooland

COPY

Phoenix, Arizona

Chas. A. Diehl
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815 North First Street

Phone 3-4001

P. O. Box 1148

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Assayer Arizona Assay Office
C.A.D.

Charges \$ Paid

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MB-24

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date December 8, 1939

Mine Ben Hur (Placer)
District Black Canyon
Former name Same
Owner Charles H. Rutherford
Operator
President
Mine Supt.
Principal Metals Placer gold
Production Rate
Power: Amt. & Type
Operations: Present None

Location
Address
Address
Gen. Mgr.
Mill Supt.
Men Employed
Mill: Type & Cap.

Operations Planned For sale

Number Claims, Title, etc. One Possessory right

Description: Topog. & Geog. 7 miles below Cleator, in Black Canyon. Road in from 2 miles North of Bumble Bee along Dead Cow Creek, to about one mile from this claim. A road can be easily and cheaply constructed

Mine Workings: Amt. & Condition Location work

Geology & Mineralization

Estimated 400,000 yards of gravel. Average assays on surface, not over 2 feet in depth 53 cents. Bed rock assays show values of over \$10, per yard.

Ore: Positive & Probable, Ore Dumps, Tailings Estimated \$500,000

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route

Above stated

Water Supply

8 to 9 months each year.

Brief History

The placers along this Creek have been worked by hand for many years. No large operations have ever been undertaken

Special Problems, Reports Filed

Remarks

On account of this claim being situated in a "Horseshoe) wherein the water goes full up against a bluff, and has to travel 600 feet before it makes a turn in the Creek, it is generally conceded that this is the richest claim in the District.

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

Cash \$5000. Terms to be agreed upon

Signed.....


Charles H. Rutherford, 624 Heard Bldg., Phoenix

Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date December 8, 1939

Mine Ben Hur (Placer)

District - Black Canyon

Location

Former Name - Same

Owner - Charles H. Rutherford

Address - 624 Heard Bldg.
Phoenix, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Placer gold

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

BEN HUR

Operations: Present - None

Au

Yavapai

13 - 6

T 10 N, R 1 E

Operations Planned - For sa

Chas. H. Rutherford, 624 Heard Bldg., Phoenix

'45

Number Claims, Title, etc. - One claim - Possessory right

Description: Topography & Geography - 7 miles below Cleator, in Black Canyon.

Mine Workings: Amt. & Condition - Location work.

Geology & Mineralization - Estimated 400,000 yards of gravel. Average assays on surface, not over 2 feet in depth 53 cents. Bedrock assays show values of over \$10 per yard.

Ore: Positive & Probable, Ore Dumps, Tailings - Estimated \$500,000

Mine. Mill Equipment & Flow Sheet

Road Conditions, Route - Road in from 2 miles north of Bumble Bee along Dead Cow Creek, to about 1 mile from claim. A road can be easily and cheaply constructed.

Water Supply - 8 to 9 months each year

Brief History - The placers along this creek have been worked by hand for many years. No large operations have ever been undertaken.

Special Problems, Reports Filed

Remarks - On account of this claim being situated in a "Horseshoe" wherein the water goes full up against a bluff, and has to travel 600 feet before it makes a turn in the creek, it is generally conceded that this is the richest claim in the district.

If property for sale: Price, terms and address to negotiate - Cash \$5,000.
Terms to be agreed upon.

SIGNED - Charles H. Rutherford

624 Heard Bldg., Phoenix, Arizona

Your name and address has been furnished to -

Harry E. Rose, 623 Court Street, Los Angeles, California

who has made inquiry for the same with refer nce to mining
property listed with the Department of Mineral Resources.

DEPARTMENT OF MINERAL RESOURCES
J. S. Coupa, Director