



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
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**A & M**  
**BUSINESS GUIDANCE COMPANY**

2315 LAS VEGAS BLVD. SOUTH • SUITE # 9  
LAS VEGAS, NEVADA 89104  
(702) 734-6934

SXM

DEC 31 1973

RECEIVED

December 27, 1973

Mr. Paul I. Eimon  
Mgr. of Exploration  
Essex International, Inc.  
1704 West Grant Rd.  
Tucson, Arizona 85705

Dear Mr. Eimon:

Thank you for your letter of Dec. 21. We appreciate your interest.

We wonder if you could give some estimate of the time that you expect to receive your new budget for exploration so that we could perhaps set up a meeting to go over the program.

We have a firm in New York that is interested in the iron ore only and we thought perhaps some type of joint venture could be worked out.

We wish you and your company a very prosperous New Year.

Let us know your thoughts.

Sincerely

  
Warren C. Adams, Pres.

RECEIVED  
Division  
NOV 25 1973

**A & M**  
**BUSINESS GUIDANCE COMPANY**

~~625 ST. ANDREWS HENDERSON, NEVADA 89015~~

WARREN C. ADAMS  
*Financial*  
702/870-6618

ROBERT N. McCUTCHEN  
*Management*  
702/564-2478

2315 Las Vegas Blvd. South, Las Vegas, Nevada 89105  
Suite # 9

702 734 6934

November 21, 1973

Mr. Howard Lanier  
Essex International, Inc.  
1601 Wall Street  
Fort Wayne, Indiana 46804

Dear Mr. Lanier:

I talked to you on the phone one time when you were in Tucson, Arizona regarding the installation of a copper leaching plant around Casa Grande, Arizona.

We, at the time were attempting to put together a deal on the Standard mine property. Things didn't seem to work out too well due to the lack of core drilling.

Enclosed you will a package on some claims that we have near Parker, Ariz. We have the leaching equipment available to us, however we need start up capital.

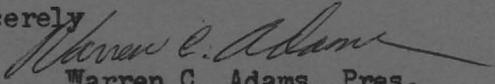
We will give complete copper output as a consideration and 51% of the company will also be given.

We are asking that Essex underwrite the payroll and start up expense, we are not asking for any advance cash to us.

In plain words, we want to get into production as we feel that this is a good property and the plan is feasible.

Please let us know your interest. More information is available if necessary.

Sincerely

  
Warren C. Adams, Pres.

January 23, 1974

Mr. Warren C. Adams  
A & M Business Guidance Company  
2315 Las Vegas Blvd. South - Suite #9  
Las Vegas, Nevada 89105

Dear Mr. Adams:

With reference to your letter of Nov. 21, 1973 to Mr. Howard Lanier, we have now reviewed your data and our files on the Golden Ray mining property.

Unless you have new geologic data indicating a bulk copper target on the property we would like to defer any negotiations and investigations by Essex at this time.

Very truly yours,

Paul I. Eimon  
Manager of Exploration

ESSEX INTERNATIONAL, INC.

PIE:td

cc: H. Lanier

December 4, 1973

**SXM**

**DEC 10 1973**

**RECEIVED**

Warren C. Adams  
A & M Business Guidance Company  
2315 Las Vegas Blvd., South  
Las Vegas, Nevada 89105

Dear Mr. Adams:

This is in reference to your letter of November 21, 1973, regarding the Golden Ray mining property.

Essex would not be interested in underwriting the operation of this mine venture. Let me add that although we are interested in mining properties, we find that it is common for small mining operations to be undertaken without giving adequate consideration to the delineation of the ore reserves and the metallurgical requirements.

I am forwarding the information regarding these claims to our Tucson office. I am asking Mr. Eimon to review the information that you have submitted to determine our interest in the claims for a potential exploration undertaking. If you are interested in this possibility, I would suggest that you contact Mr. Eimon after he has had an opportunity to review the data that you have forwarded.

Very truly yours,

Howard Lanier  
Vice President & General Manager  
Metallurgical & Mining Division

HL:cb

cc: Paul Eimon ✓

GOLDEN RAY MINING CLAIMS

PRESENTED BY

A & M BUSINESS GUIDANCE CO.

INTER OFFICE MEMO: RE: RAY MINING PROP.

10/15/73

I have spent the past several days in and near Parker, Arizona.

PURPOSE: To visit and investigate the Golden Ray Mining Claims, owned by Mr. Irv Schoenberg.

Mr. Schoenberg supplied me with all the statistical data he has, going back several years.

My observations are that the property has been prospected and worked for gold pockets, no extensive mining has been carried on and from appearances no attention has been paid to the copper, it is spread over all the dumps, oxide ore.

I talked to several "old timers" in the area, a Mr. Louis H. Holmes, and a Mr. Barney Roberts, they both confirmed my thinking on the gold mining, a lot of small to medium pockets have been discovered.

From the data supplied, it appears that previous operators have tried to promote the iron ore that is predominate on one corner of the property.

I find no consistant effort to get to the copper.

My observations are, that if, the entire ore body was worked and everything recovered as we went it would be a fabulous money maker. The assays show good gold content and the copper looks like it could average around 2%.

The Empire Mine just north of the Ray property was a good producer, both gold and copper.

One large hill on the claims has been prospected extensively, top, sides and at the bottom, all prospect holes show 2% to 5% copper. It looks to me as if that hill is solid copper ore.

Needs core drilling to prove up and block out the richest areas to be mined first, with the gold content and the copper this has the appearance of a good operation.

I think we have come across a real sleeper.

There is a good well on the property.

WE SHOULD PROCEED ON THIS ONE

INTER OFFICE MEMO: RE: RAY MINING PROPERTY

10/15/73

All tunnels, shafts and cuts on the entire property are deep enough to show the ore bodies are there.

Roads to the property are good and would not be hard to keep in repair. Only about five miles to the paved highway.

Ore is close enough to the surface that the mining could be done open pit.

It should be realized that the data supplied by Mr. Schoenberg is several years old and that the estimates on prices should be up dated to present day costs and prices.

There are several pieces of property adjoining and near by that should be tied into this deal, roughly twenty more claims if these were acquired it would be a total of slightly over 40 claims, 800 acres.

I will return to the area as soon as I get the leases from Mr. Schoenberg and gather samples for assays and take pictures.

There is a three room metal house and some metal sheds that were used for repair and supply houses. I will use the house for my headquarters when I visit there again.

The climate will allow full year around operation.

Robert W. McCutchen

XX

Suite 9  
2315 Las Vegas Blvd. South, Las Vegas, Nevada 89105  
702 734 6934

10/30/73

RE: RAY MINING PROPERTY CAPITAL REQUIREMENTS.

\$100,000.00 for operating capital                      1 year term

repayable at the rate of \$10,000.00 per month or 50% of gross profit  
whichever is greater.

Leaching system will produce 40,000 lbs of copper cement per day.

cost of lb of copper produce averages 15¢ per lb, selling price  
averages 60¢ per lb. misc. overhead 10¢ per lb. Profit of 35¢ per lb.

All leaching equipment to be leased

Semi-portable leach belt. 1000 ton per day averaging 2% ore.

\$75,000.00

5 Acid and water tanks, pumps, and related equipment

15,000.00

Mobil equipment, 4 wheel drive truck, front end loader etc.

20,000.00

exploration equipment, core drill, truck etc.

30,000.00

Total            \$140,000.00

Demand for copper is very great and will continue to be so.

We have a signed contract for the sale of finished copper  
in the amount of \$5,000,000.00

**PURCHASE ORDER**  
**DAVID BLEICH COMPANY**  
P.O. Box 106  
Woodland Hills, California

No. **0281**

Req. No. \_\_\_\_\_

Date June 20 1973

To A and M Business Guidance Co.

For \_\_\_\_\_

Address Henderson, Nevada

Date Required Sept. 15, '73

Ship To Los Angeles Harbor

How Ship best way

Address Los Angeles, California

Terms usual

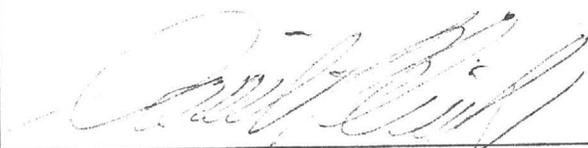
QUANTITY		PLEASE SUPPLY ITEMS LISTED BELOW	PRICE		UNIT
ORDERED	RECEIVED				
1	4,800,000	lbs. electrolytic copper wirebar	LME*		less 10%
2		ASTM B 5-43 99.99% copper purity	FOB Los Angeles		
3		Partial Shipments allowed, but must	Harbor		
4		be at least 200,000 lbs.			
5		Delivery 400,000 lbs. per month guaranteed/			
6		First delivery to be made no later			
7		than Sept. 15, 1973. Full order to			
8		be completed no later than Sept. 15, 1974.			
9		Buyer has right to purchase same amount			
10		of poundage for next six years at the above			
11		price structure at buyers option. Ad-			
12		ditional poundage to be negotiated, and			
13		seller will offer right of first refusal			
14		to David Bleich Co.			
15		* Price to be LME spot cash settlement			
16		Price, morning session on last Friday			
17		of the month of shipment, for electrolytic copper			
18		Material to be given standard assay			
19		on delivery which is to be by independent			
20		assayer as recognized by International Chamber			ESTIMATED
21		of Commerce. Until assay approval to ASTM			\$ VALUE
22		specifications all charges at Sellers risk.			\$3,408,000.00

**IMPORTANT**

OUR ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.

PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED.

Please Send \_\_\_\_\_ Copies Of Your Invoice With Original Bill Of Lading



Purchasing Agent

Mining  
Consultant

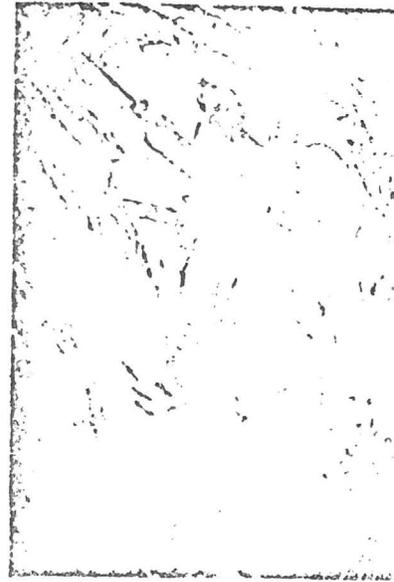
U. S. Mineral  
Surveyor

Topographic  
Maps

HARVEY W. SMITH, E. M.

REGISTERED MINING ENGINEER

8432 EAST REDWING ROAD 846-0888  
SCOTTSDALE, ARIZONA 85251



A REPORT

ON

THE GOLDEN RAY MINING CLAIMS

June 16, 1966



Irv Schoenberg  
4023 Lincoln Avenue  
Culver City, Calif. 90230

I N D E X

Section

General Report	A
Assay Reports	B
Maps	C

## PROPERTY.

The property of the Golden Ray Group consists of twenty-one (21) unpatented lode claims, all in the Gienaga Mining District, Arizona. The names of the claims are as follows.

John and Jerry

Sunchine

Golden Light

Golden Red

Lucas Star

Golden Eye

Golden Sparkle

Golden Search

Golden Star

Golden Star

Golden Crown

Golden Gate

Golden Crown

Copper Ray

Golden Ferry

Golden Glow

Yellow Chief

Golden Keystone

Golden Jewell

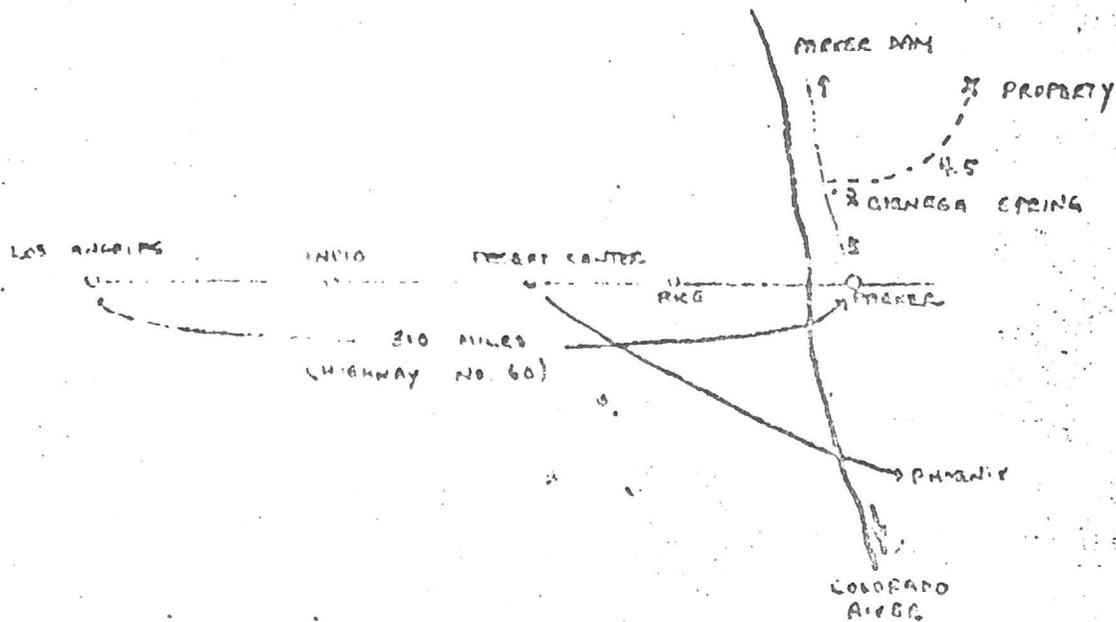
Saddle Claim

Golden Baby

These claims are owned jointly by Vera P. Kissing, secretary of Topper Mining Corp., Los Angeles; Bill Marlow; C. P. Dennis, Parker; and Fred Jensen.

## HISTORY AND DEVELOPMENT

Several small mines for gold and copper had been worked in this area from the year 1920. Production records of these mines are not clear.



TOPOGRAPHY, CLIMATE, WATER, ETC.

The property lies on the Buckskin Mountains several miles east of the Colorado River. Topography of the property is a gently sloping hill-like mountain, and the general trend of the topography and drainage is down to the southeast. Elevation in this area ranges from 700 to 1,000 feet sea level.

The climate is typical of the inland regions, that is dry and hot (semi-desert).

Vegetation is sparse but some desert plants (cactus, etc.) are seen.

There is a supply of water from wells, also the water table runs at about 150 feet under the surface (average 750 feet sea level).

## GOLDEN RAY MINING CLAIMS

The lease-holder of the Golden Ray Group of mining claims,

Irv Schoenberg  
3361 Bagley Avenue  
Los Angeles, Calif. 90034

and his associates, Topper Mining Company,

have retained me to make an examination of their claims. The object of this examination was to determine the feasibility of exploration and development. In addition, if the property merited further work, to recommend an exploration program. Following are my observations of the property and recommendations.

### SUMMARY:

The surface copper mineralization of the Golden Ray Group in conjunction with a geologic setting similar to two adjacent mines, the Carnation and the Mineral Hill, makes this an interesting, potential prospect. Based on these facts, I believe an appropriate drilling program is justified to prospect this property. In addition to drilling for copper some holes should be put down in the iron outcrops. In conjunction with the iron drilling program, a feasibility study should be made concerning the possibility of production of a high-purity iron product for cement plant use.

### LOCATION AND ACCESS:

The Golden Ray Group of mining claims consists of twenty-one (21) unpatented lode claims in the Clonaga Mining District,

Yuma County, Arizona. The area is two miles southeast of the Colorado River in the Buckskin Mountains. Access to the claims is gained by traveling five miles north from Parker, Arizona on State Route 172 (paved) to Cienega Springs, thence turn right or easterly on an unimproved dirt road four and one-half miles to the claims.

Parker, Arizona, on the northern edge of the Sonoran Desert, is served by State Highway 95 and the Santa Fe Railroad. The climate is dry and hot and typical of much of Arizona. Most of the rain comes as cloudbursts with the water rushing down normally dry washes. Plant life is scarce but some desert vegetation does exist. Elevation in this area ranges from 700 to 1000 feet.

#### HISTORY:

The surrounding area has been worked for years for its copper and gold content. The more important mines are the Carnation, Eagle's Nest and Gray Eagle of the Empire group of claims, which are contiguous to the Golden Ray Group, and the old Billie Mac mine. The Empire group has had substantial production with much of it in 1950. The production record of the Empire group can be substantiated by smelter records.

#### GEOLOGY:

The Golden Ray property lies within the basin and range physiographic province which is described by block faulted

mountain ranges and broad alluvial valleys. The latter are usually filled with thick deposits of alluvial material and the mountains, though not high, are rugged and stand out in bold relief. The Buckskin Mountains of this area appear to trend Northeast-Southwest.

Rocks of the claim area are predominantly metamorphic and sedimentary and have been subjected to intense weathering, alteration and deformation. South of the claim area a rim of basalt is exposed along with some tuff and ash.

The sedimentary rocks of the claim area consist of a conglomerate of cobbles and boulders substantially brecciated, probably of Cretaceous Age, and a limestone unit of Paleozoic-Mesozoic age. The ages given for these rocks was taken from the Arizona Bureau of Mines County Geologic map.

The metamorphic rocks are Pre-Cambrian chlorite and sericite schist, phyllite and gneiss. They are a light gray-green in color. The gneiss is composed of quartz, feldspar, hornblende and micas. A second gneissic unit occurs on the northeastern part of the claim area. It is reddish-brown in color and consists of quartzite, gneiss, schist and phyllite which have been extremely weathered. Some of the mafic minerals are oxidized to limonite and related minerals which accounts for the reddish color.

STRUCTURE:

There are two apparently dominating structural trends in the general area; northeast-southwest and northwest-southeast. The majority of the folds and faults are generally aligned parallel to these major structural trends. The detail structure of the general area is extremely complex and beyond the scope of this report though it was noted that most of the faults appear to have a high-angle dip.

MINERALIZATION:

Mineralization of economic interest of the claim area consists of copper oxides, specular hematite and gold. The predominant copper mineral is chrysacolla. Sulphides are rarely seen, though pyrite casts and limonite pseudomorphs after pyrite are seen in the altered gneiss area.

The copper mineralization occurs as veins and veinlets that seem to favor the northeast-southwest structural trend. On the accompanying map I have indicated the location of copper outcrops and the samples taken therefrom. The copper, gold and silver content of the samples taken is reported in the accompanying assay report from the Arizona Assay Office.

Also on the accompanying map I have indicated the location of the specular iron outcrops. The one sample taken by me shows a good iron content as reported by the Arizona Assay Office

report. The iron appears to occur

as veins or zones as possible replacement bodies in the limestone. Mr. Merrick has done some preliminary wagon drilling on the iron and the results are indicated on the map.

Copper and hematite are frequently associated, but both also occur independent of each other. At the Mineral Hill mine, which is approximately twelve miles northeast of the Golden Ray Group, the copper is occurring in the same limestone section as on the Golden Ray claims and is associated with strong hematite deposition. At the Carnation mine of the Empire group of claims, the mineralization occurs in a silicified zone at the contact of the lime and schist and is quite free of hematite. However, both copper and hematite appear to favor the lime-schist contacts for deposition.

Little information is available on distribution of gold in the area except that it is "pockety." However, one of my samples did yield a good gold assay, No. 1 on the Assay Report, a grab sample from the dump of the shaft on the Golden Sparkle lode.

#### ASSAY REPORTS:

In addition to the assay report of the samples taken by me I have included numerous other reports of samples taken by other people. These were included to further confirm the existence of considerable copper and iron mineralization. The reports were given to me by Mr. Merrick.

CONCLUSIONS:

After reviewing the geologic conditions on the Golden Ray property and comparing those conditions to other similar mines, it is my belief that a core-drilling exploration program is justified. Briefly summarizing, surface copper outcrops exist in a geologic setting which is quite comparable to both the Carnation mine of the Empire group and the Mineral Hill mine which is now being readied for production. In consideration of these similarities, the known surface indication and the preliminary wagon drilling done by Mr. Merrick, which, according to him, has indicated copper mineralization, I believe the potential of finding another ore body is quite good.

RECOMMENDATIONS:

To adequately prospect this property a diamond core-drilling program should be set up to explore the contacts between the lime-schist zones for copper mineralization. In addition, the mineralization in the conglomerate should be mapped and possibly drilled for both copper and gold. The cut at the top of the conglomerate hill, the location of sample No. 3, indicated a possible vein cutting across the conglomerate.

The specular iron presents an interesting problem and I believe it has some potential. Further study here might indicate a possibility of producing a high-purity-iron for cement plants.

CONCLUSIONS:

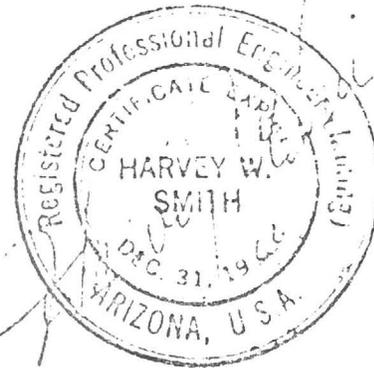
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The specular iron presents an interesting problem and I believe it has some potential. Further study here might indicate a possibility of producing a high-purity-iron for cement plants.

Within a 250 mile radius there are several plants, each of which is a potential market. A drilling program on this in conjunction with the copper program is certainly justified. At the same time a feasibility study could be made concerning the high-purity iron-production program. Surface indications of the iron are quite good and while it may not make a huge open pit mine, it does offer thought for speculation. I would recommend drilling the iron in conjunction with the copper.



REPORT ON THE GOLDEN RAY MINING CLAIMS

PARKER, ARIZONA, U.S.A.

APRIL 20, 1967

by

T. KASHIZAGI

Geologist

MITSUBISHI METAL MINING CO. LTD.

## GOLDEN RAY MINING CLAIMS

The lease-holder of the Golden Ray Group of mining claims,

Irv Schoenberg  
4023 Lincoln Avenue  
Culver City, Calif. 90230

and his associates, Topper Mining Company,

have retained me to make an examination of their claims. The object of this examination was to determine the feasibility of exploration and development. In addition, if the property merited further work, to recommend an exploration program. Following are my observations of the property and recommendations.

### SUMMARY:

The surface copper mineralization of the Golden Ray Group in conjunction with a geologic setting similar to two adjacent mines, the Carnation and the Mineral Hill, makes this an interesting, potential prospect. Based on these facts, I believe an appropriate drilling program is justified to prospect this property. In addition to drilling for copper some holes should be put down in the iron outcrops. In conjunction with the iron drilling program, a feasibility study should be made concerning the possibility of production of a high-purity iron product for cement plant use.

### LOCATION AND ACCESS:

The Golden Ray Group of mining claims consists of twenty-one (21) unpatented lode claims in the Cienega Mining District,

## ORE DEPOSITS

Two different types of mineralization are observed on this property. One type shows copper veinlets or networks in the fracture zone of conglomerate, the other is iron-copper veins or replacement (?) bodies in limestone.

The former type of deposits consist of veinlets or networks of chrysocolla which strike N 60° W and dip steeply to the south. In general, the fracture zone of mineralization has an average width of between 4 and 5 feet. Sulphide minerals are very rare in this fracture zone.

The latter type of deposits consist of veins and lenses of hematite and chrysocolla in the limestone. Originally these deposits have been the expected replacement type. The width of these veins and lenses shows 1 inch to 10 inches, the length of these shows 10 feet to 20 feet in average. It is observed that the area of iron-copper mineralization in the limestone exposed occurrence measures approximately 1,000 feet x 300 feet on the outcrop. The predominant ore mineral is hematite. Copper ore minerals, as presently distinguished, are chrysocolla and malachite. These deposits also have little sulphide minerals.

As following result of assay certificate, the grade of channel sample in the width of 5 feet which was taken from the tunnel in the Golden Gate claim was 1.17% Cu and 13.90% Fe, also the assay of chip sample in a pit at the top of a hill on

Of recent work done on the claims, the former owner of these claims has made a good truck road, and also sunk and driven a few pits, shafts, and short tunnels. The present owners have drilled non-core 18 holes (each hole  $\pm$  30 feet) on the Golden Gate claim and cut several trenches on the property.

### GEOLOGY

The area lies west of the Buckskin Mountains of Arizona. The Golden Ray Group covers an area composed of schist, gneiss, and phyllite of the Pre-Cambrian Age, limestone of the Paleozoic-Mesozoic Age, and conglomerate of the Cretaceous Age. These rocks have been subjected to strong weathering, alterations and deformation.

The Pre-Cambrian rocks are composed of chlorite-schist, sericite schist, phyllite and gneiss ranging in color from light gray to greenish gray and occasionally reddish brown and have been highly chattered and weathered.

Paleozoic-Mesozoic limestone and conglomerate in the area are horizontal formations which unconformably overlay the Pre-Cambrian rocks.

The major structure of the property is not clear although a northwest-southeasterly trend in conglomerate and a northeast-southwesterly trend in limestone and Pre-Cambrian rocks suggest a local trend of folding, faulting, shearing and jointing.

the Golden Gate claim was 19.10% Cu and 30.60% Fe.

#### CONCLUSIONS AND RECOMMENDATIONS

1. The Golden Ray Mining Claims is an easily accessible area.
2. Two types of ore deposits were observed in this property.
3. Copper deposits of fracture filling veinlets and networks in the conglomerate are not exposed for economic size.
4. Iron-copper deposits in the limestone have favourable mineralization but the actual extension and grade of these ore deposits (especially Cu mineralization) could not be ascertained because of the gathering of small sized veins and lenses.
5. Before the regular exploration, the following preliminary work should be recommended in future prospecting.
  - As shown on a map, three (3) diamond core drillings should be drilled at 300 foot intervals. Each hole should be drilled horizontally to the length of about 350 feet.

In summary, it would be necessary to check the result of Cu-Fe grade by preliminary diamond core drilling and to examine the possibility of ore deposits before the project of systematic exploration should be decided.

MINNESOTA METAL MINING CO. LTD.

*T. Washburn*  
T. Washburn,

Geologist

**Anal** SWL  
P.O. Box 67

Mojave, California 93501

ASSAY CERTIFICATE

Ph: (805) 824-2356

Date: April 21, 1970

I hereby certify that the samples described below, received from

ITV Schoenberg assay as follows:

ITV Schoenberg

Owner's Mark and sample....	GOLD		SILVER		TOTAL VALUE Per TON	PERCENTAGE OF		
	Oss/Ton	Value/Ton	Oss/Ton	Value/Ton		Cop	Lead	Zinc
Gold sample	26 70	934 50	1 60	2 99	\$937.49			
Copper sample					\$100.00	9		

GOLD @ 35.00 Per Oz.  
 SILVER @ 1.97 Per Oz.  
 LEAD @ \_\_\_\_\_ C.  
 COPPER @ .56 C.  
 OTHERS: @ \_\_\_\_\_ C.

Charges: \$ \_\_\_\_\_

Assayer



AMERICAN SMELTING AND REFINING COMPANY  
SOUTHWESTERN ORE PURCHASING DEPARTMENT  
P. O. BOX 5795, TUCSON, ARIZONA 85703

REED F. WELCH  
MANAGER

April 11, 1966

1150 NORTH 7TH AVENUE  
TELEPHONE 603-799-3010

Gentlemen:

I have been advised the contents of the sample as assayed by our Hayden Smelter. I presume you have received the original assay certificate, as follows:

<u>Oz. per Ton</u>		<u>Percent:</u>				
<u>Gold</u>	<u>Silver</u>	<u>Copper</u>	<u>Silica</u>	<u>Iron</u>	<u>Lime</u>	<u>Alumina</u>
0.05	0.09	7.8	64.8	3.3	5.8	1.1

At present metal prices similar material shipped to our Hayden Smelter would net you approximately \$47,00 per dry ton after deducting treatment charges only.

In the event you have accumulated ore for shipment I shall appreciate your getting in touch with me.

Yours very truly,

*Reed F. Welch*  
REED F. WELCH

THE EISENHAUER LABORATORIES  
 316-322 South San Pedro Street  
 Los Angeles 13, California

# ASSAY CERTIFICATE

PHONE MADISON 9328

Los Angeles, Calif. May 10/62 1962

I hereby Certify that the samples described below, received from

W. B. Merlau

assay as follows:

Owner's Mark and Sample	GOLD		SILVER		TOTAL VALUE PER TON	PERCENTAGE	
	OZS. PER TON	VALUE PER TON	OZS. PER TON	VALUE PER TON		COPPER	LEAD
Dennis Hole #1	.49	\$ 17.15			\$ 48.77	5.1	
Dennis Hole #2	.21	\$ 7.35					
<i>no silver</i>							
<i>via mrc</i>							

*E. Eisenhauer*  
 ANALYST

GOLD @ \$ 35 PER OZ.  
 SILVER @ \$ \_\_\_\_\_ PER OZ.  
 LEAD @ \_\_\_\_\_ C.  
 CHARGES @ 31 C.

CHARGES \_\_\_\_\_

THE EISENHAUER LABORATORIES  
 316-322 South San Pedro Street  
 Los Angeles 13, California

# ASSAY CERTIFICATE

PHONE MADISON 9328

Los Angeles, Calif. November 13/63 1963

I hereby Certify that the samples described below, received from

Wm. B. Merlau

assay as follows:

Owner's Mark and Sample	GOLD		SILVER		TOTAL VALUE PER TON	PERCENTAGE	
	OZS. PER TON	VALUE PER TON	OZS. PER TON	VALUE PER TON		COPPER	LEAD
Discovery	.26	\$ 9.10			\$ 84.12	12.1	
Sampled by Lillian Larson.							

*E. Eisenhauer*  
 ANALYST

GOLD @ \$ 35 PER OZ.  
 SILVER @ \$ \_\_\_\_\_ PER OZ.  
 LEAD @ \_\_\_\_\_ C.

CHARGES \_\_\_\_\_

1933

Date 9 JUNE 1966

Shop No. ....  
File No. .... 1912 S.M

VALUES  
Latest Quotation

1 oz. Gold.....  
1 oz. Silver.....  
1 lb. Copper.....  
1 lb. Lead.....  
1 lb. Zinc.....

THIS CERTIFIES  
Samples submitted for assay  
contain as follows:

# Arizona Assay Office

815 NORTH FIRST STREET

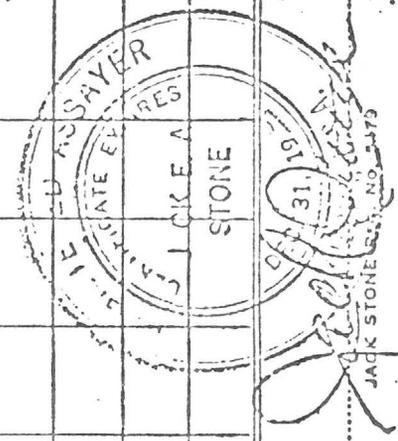
Phone: 253-4001

MR. HARVEY W. SMITH  
8432 E. REDWING ROAD  
SCOTTSDALE ARIZONA

Phoenix, Arizona 85001  
P. O. BOX 1148

Short Ton ..... 2000 Lbs.  
Short Ton Unit ..... 20 Lbs.  
Long Ton ..... 2240 Lbs.  
Long Ton Unit ..... 22.4 Lbs.

MATERIALS	SILVER PER TON Oz. 100ths	VALUE PER TON	GOLD PER TON Oz. 100ths	VALUE PER TON	TOTAL VALUE PER TON of Gold & Silver	PERCENTAGE		REMARKS
						COPPER		
<i>Seller's</i> #1	.5	\$ .62	.44	\$15.40		2.20		
#2	.3	\$ .37	.01	\$ .35		0.33		
#3	.4	\$ .50	.01	\$ .35		3.52		
#4	.4	\$ .50	.02	\$ .70		2.40		
#6	.4	\$ .50	.02	\$ .70		2.15		
#7	.5	\$ .62	.03	\$1.05		4.91		
#8			.26	\$9.10				
#5 58.00 % IRON								



Charges \$ 39.50

Assayer

ANDY CHUKA, PRINT

# ASSAY CERTIFICATE

THE EISENHAUER LABORATORIES  
 316-322 South San Pedro Street  
 Los Angeles, California 90013  
 ED. EISENHAUER JR.  
 C. EISENHAUER RAYMOND  
 LAWRENCE EARL PAYMOND

Los Angeles, Calif. June 6/66 19\_\_

I hereby Certify that the samples described below, received from

William B. Merlau assay as follows:

Owner's Mark and Sample	GOLD		SILVER		TOTAL VALUE PER TON	PERCENTAGE OF		
	OZS. PER TON	VALUE PER TON	OZS. PER TON	VALUE PER TON		COPPER	LEAD	ZINC
Golden Ray Group - Hole #14	0.20	\$ 7.00			\$ 35.29	3.93		

*Ed. Eisenhauer Jr.*  
 ASSAYER

GOLD @ \$ 35 PER OZ.  
 SILVER @ \$ \_\_\_\_\_ PER OZ.  
 LEAD @ \_\_\_\_\_ C.  
 COPPER @ -36 C.

CHARGES \_\_\_\_\_

Established 1916

Irv Schoenberg  
3361 Bagley Avenue  
Los Angeles, Calif. 90034

MAGMA COPPER COMPANY  
Assay Certificate "A"

Date 3-27-64

Specimen Description

No.

LOCATION AND REMARKS

CU %  
AG OZ.  
AU OZ.

5.80

Value of ore, \$3712.  
at 35¢ per lb.

M. B. Brown  
CHIEF CHEMIST

# United States Steel Corporation

P. O. BOX 510

Provo, Utah 84601



RAW MATERIALS

October 1, 1969

We are furnishing herewith our analysis of an 8-lb sample of iron ore submitted by you in September 1969. Results are as follows:

	<u>Percent</u>
Iron	60.1
Silica	8.3
Alumina	0.50
Sulphur	0.03
Phosphorous	0.01
Arsenic	0.01
Copper	0.04
Nickel	0.02
Lead	0.01
Zinc	0.02
Titanium	0.02

Sincerely,

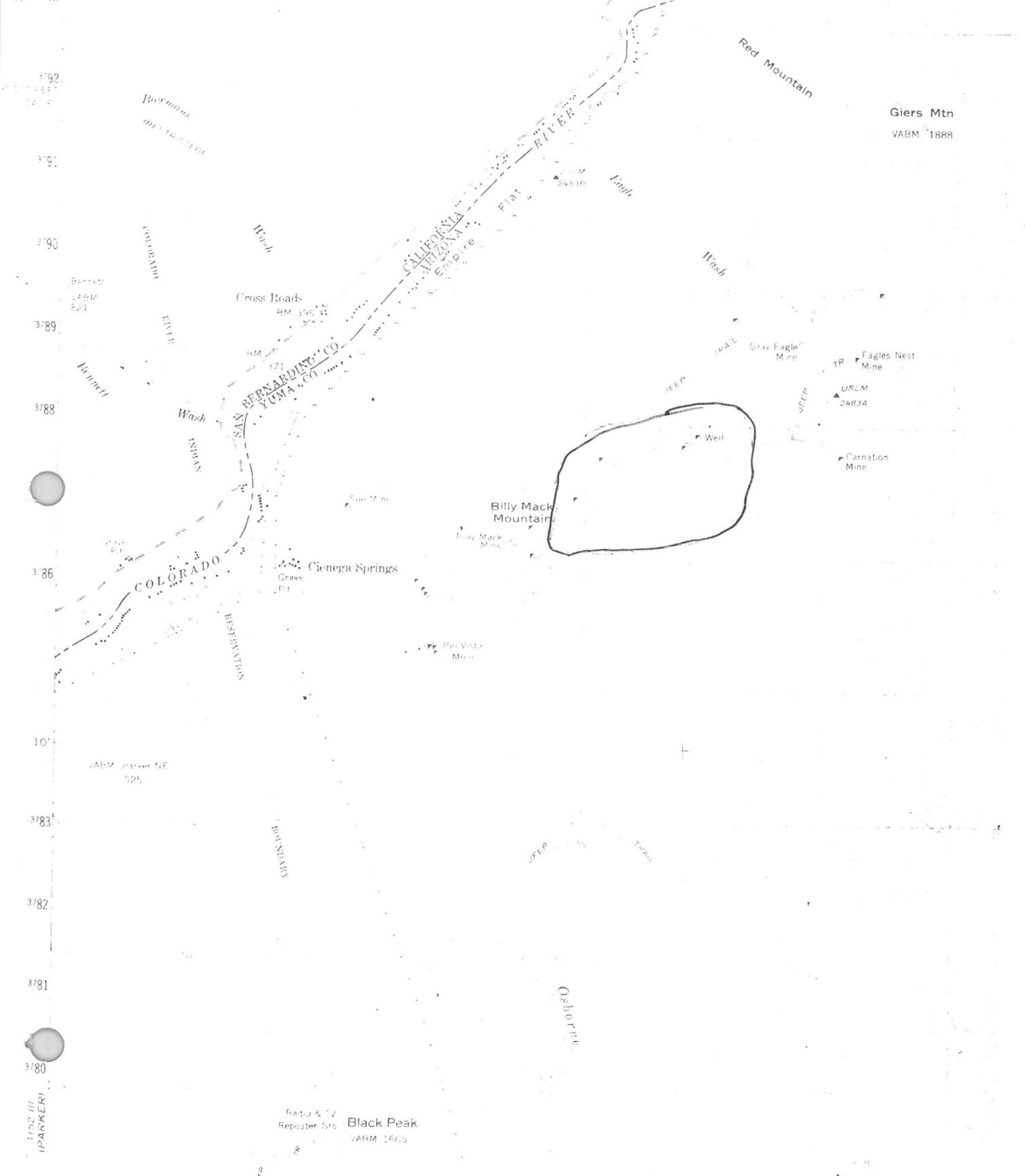
A handwritten signature in cursive script that reads "J. K. Hayes".

J. K. Hayes  
District Geologist - Western

JKH:CF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

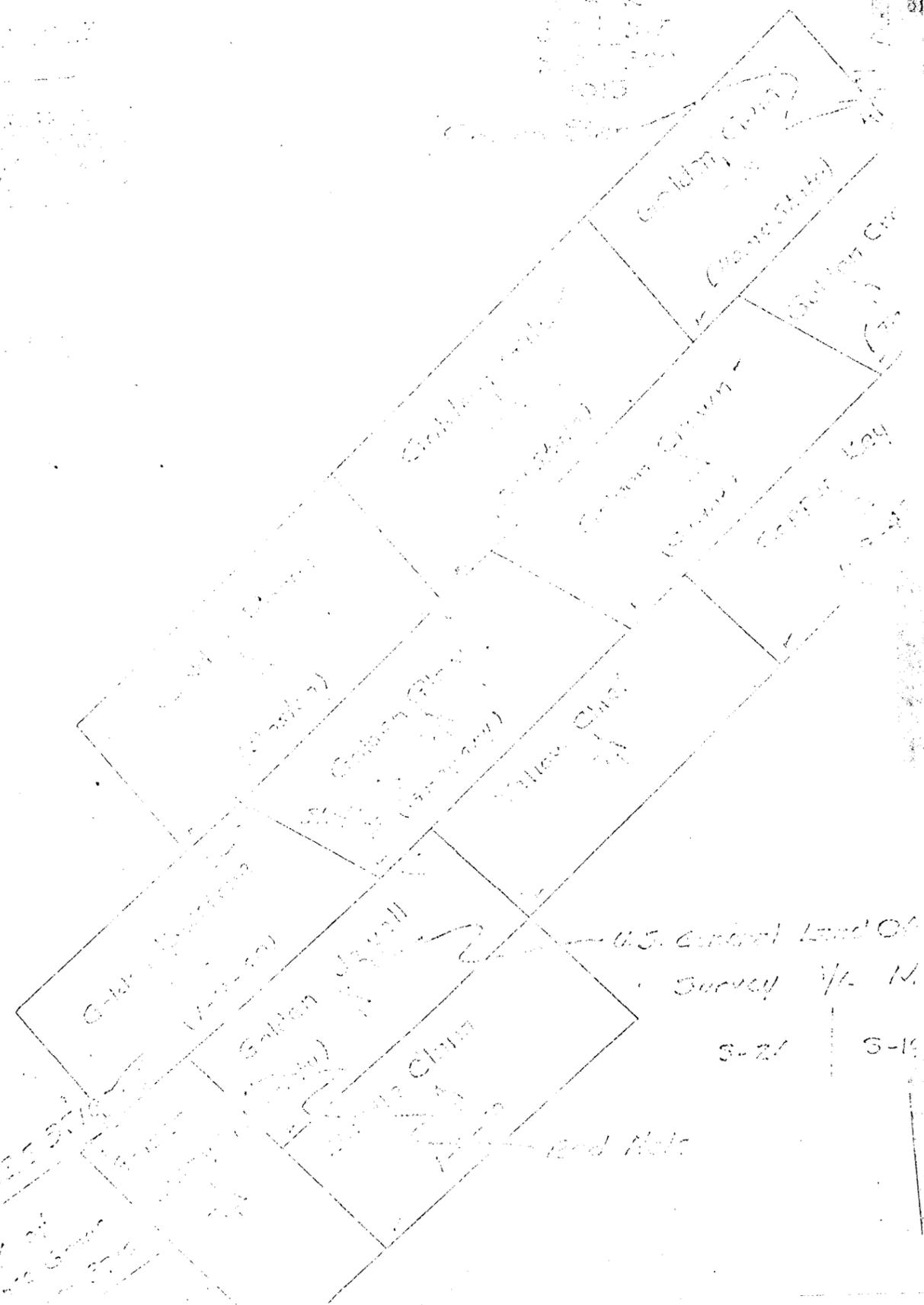
114° 15' 754000m E 755 1140000 FEET 757 760 10 761 762 763 3152 (PARKER)



9946

U.S. Census Land Office  
Survey of 1914

Section 16  
T. 14 N.  
R. 10 W.



Map of 1914  
1914

MAHIS Patent  
JUN 17 1914  
(5 Claims)

1	Golden Ray	Golden Ray	John Jerry
2	Golden Ray	Golden Ray	John Jerry
3	Golden Ray	Golden Ray	Sunshine
4	Golden Ray	Golden Ray	Sunshine
5	Golden Ray	Golden Ray	Sunshine
6	Golden Ray	Golden Ray	Sunshine
7	Golden Ray	Golden Ray	Sunshine
8	Golden Ray	Golden Ray	Sunshine
9	Golden Ray	Golden Ray	Sunshine
10	Golden Ray	Golden Ray	Sunshine
11	Golden Ray	Golden Ray	Sunshine
12	Golden Ray	Golden Ray	Sunshine
13	Golden Ray	Golden Ray	Sunshine
14	Golden Ray	Golden Ray	Sunshine
15	Golden Ray	Golden Ray	Sunshine
16	Golden Ray	Golden Ray	Sunshine
17	Golden Ray	Golden Ray	Sunshine
18	Golden Ray	Golden Ray	Sunshine
19	Golden Ray	Golden Ray	Sunshine
20	Golden Ray	Golden Ray	Sunshine

### GOLDEN RAY GROUP

Schematic Layout of Claims  
Scale 1" = 600'

From Survey of 1914  
PUBLISHED MAP DATED JAN 1914  
REVISED 1-9-49, U.S.G.P.O.  
REVISED & REPRINTED 5-24-58 U.S.G.P.O.  
POSITIONS OF DISCOVERY MONUMENTS

Approx. 9 1/2 miles North of Parker, Ariz  
TOWNSHIP 10 N, RANGE 10 W  
GILA BASIN & MERIDIAN

