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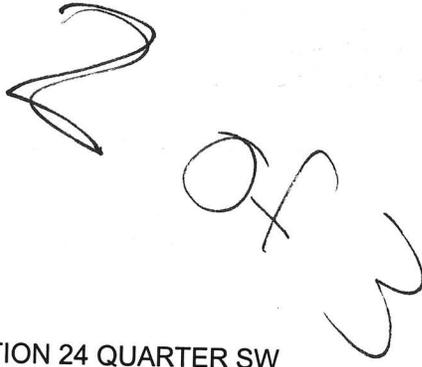
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PRINTED: 01/11/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ST JOHNS

ALTERNATE NAMES:  
LOS FELICE  
JOHN SLAK  
IRON DYKE



YAVAPAI COUNTY MILS NUMBER: 1193A

LOCATION: TOWNSHIP 11 N RANGE 1 E SECTION 24 QUARTER SW  
LATITUDE: N 34DEG 16MIN 26SEC LONGITUDE: W 112DEG 12MIN 42SEC  
TOPO MAP NAME: CLEATOR - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
GOLD  
SILVER  
LEAD  
IRON HEMA-MAGNE  
MANGANESE

BIBLIOGRAPHY:  
ADMMR LOS FELICE GOLD MINE FILE  
ADMMR IRON DYKE MINE  
HARRER, C.M. RECON IRON RES. IN AZ. USBM IC  
8236 1964 P 105  
HARPER LOCATED THIS IN SEC 1, IT IS LOCATED  
BY THE LOCATION OF USLM 1913  
MAIN ENTRY LIES ON BOUNDRY LINE BETWEEN SEC.  
24 & 25

02/13/95

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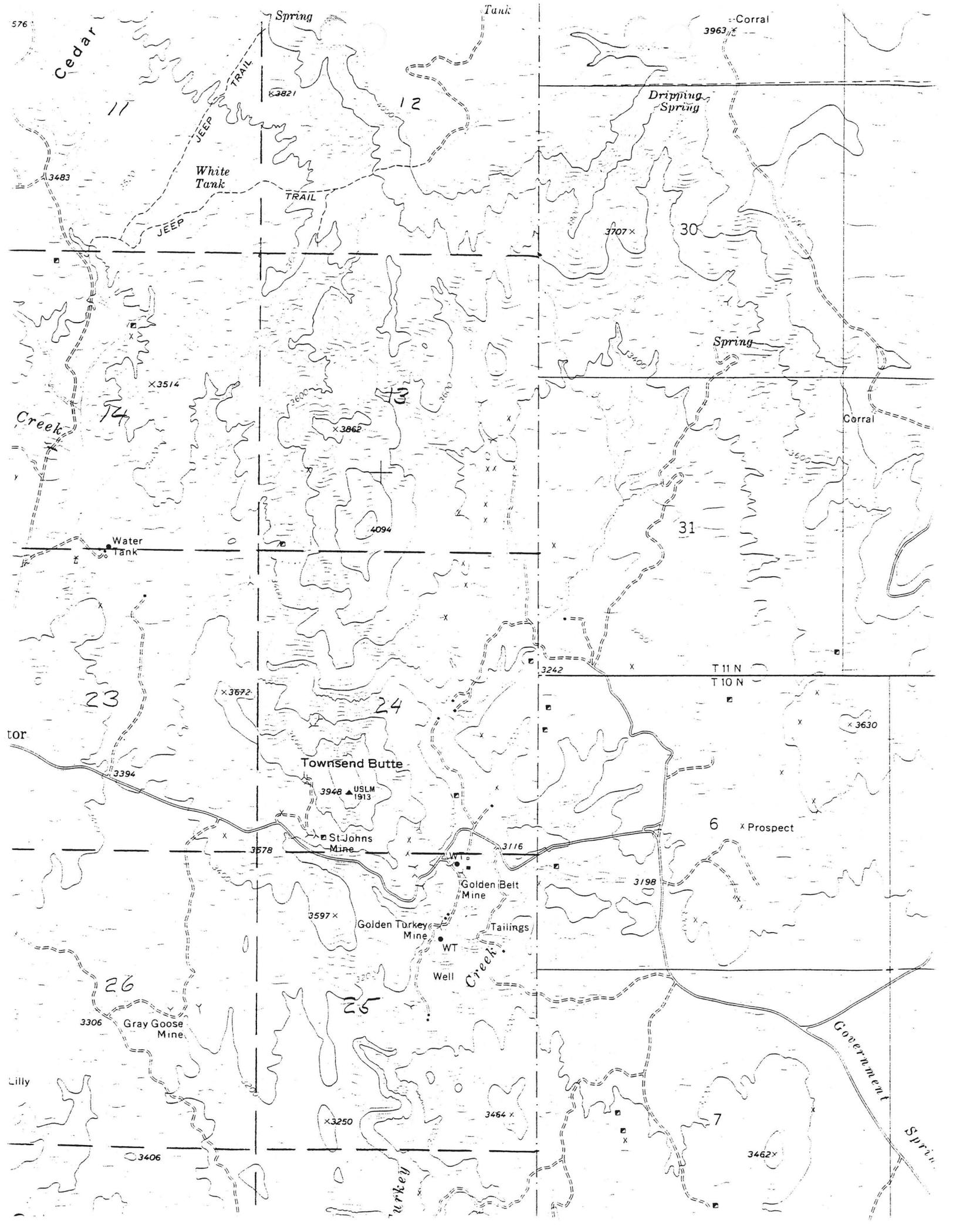
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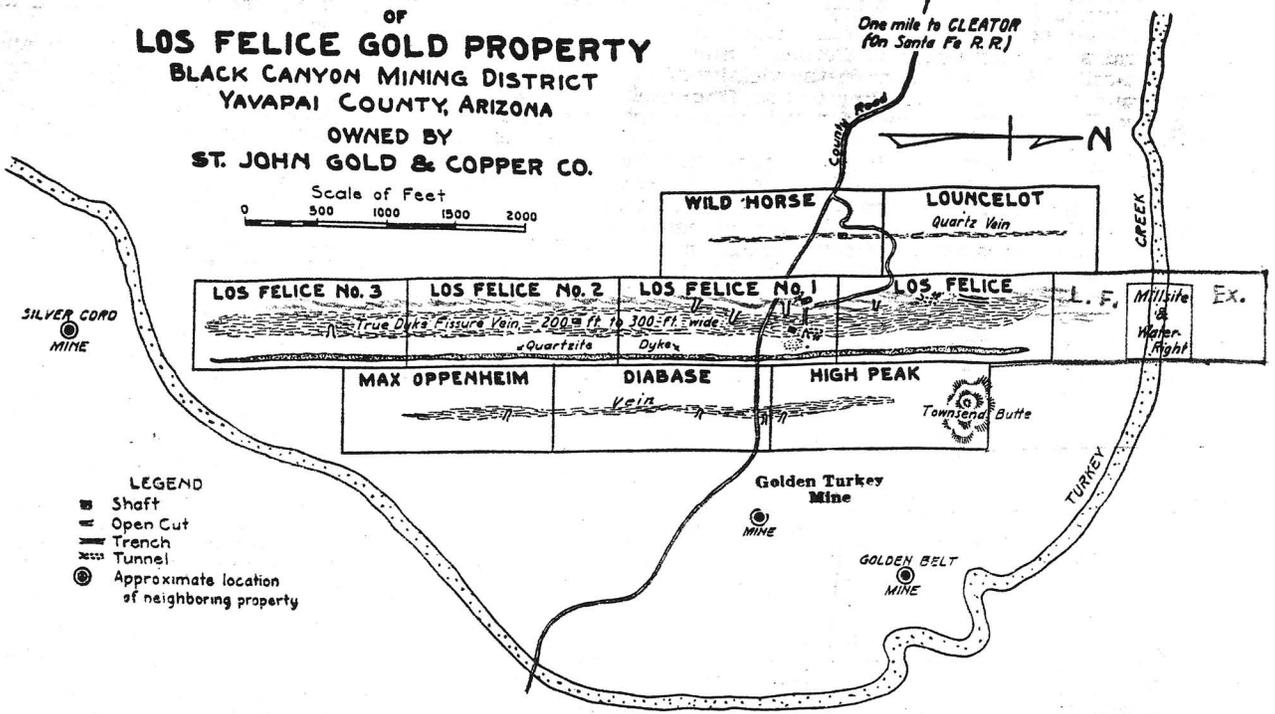


**MAP  
OF  
LOS FELICE GOLD PROPERTY**  
BLACK CANYON MINING DISTRICT  
YAVAPAI COUNTY, ARIZONA  
OWNED BY  
**ST. JOHN GOLD & COPPER CO.**

Scale of Feet  
0 500 1000 1500 2000

FRENCH LILY  
MINE

One mile to CLEATOR  
(On Santa Fe R.R.)



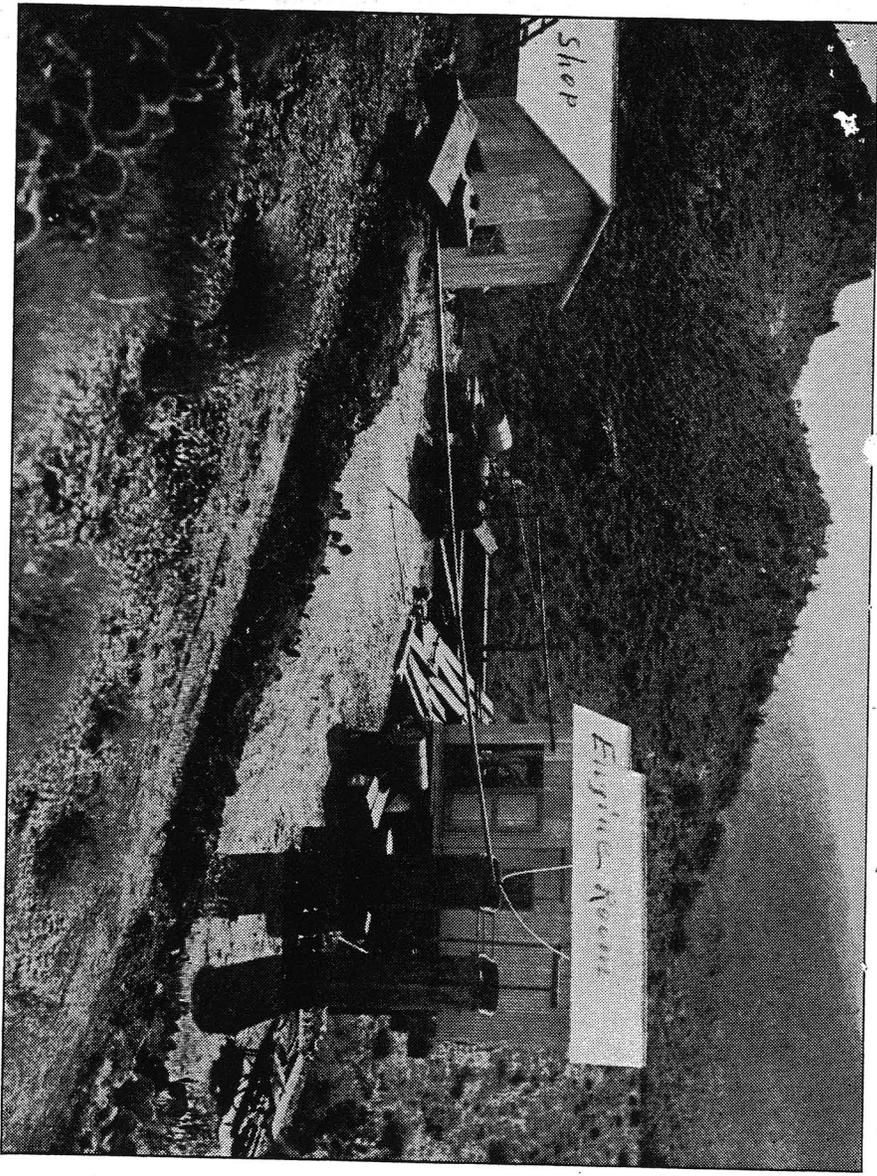
- LEGEND**
- Shaft
  - Open Cut
  - Trench
  - Tunnel
  - ⊙ Approximate location of neighboring property

*170P*

Scale  
Date

Section

Scale  
Date



**ST. JOHN GOLD AND COPPER CO.**

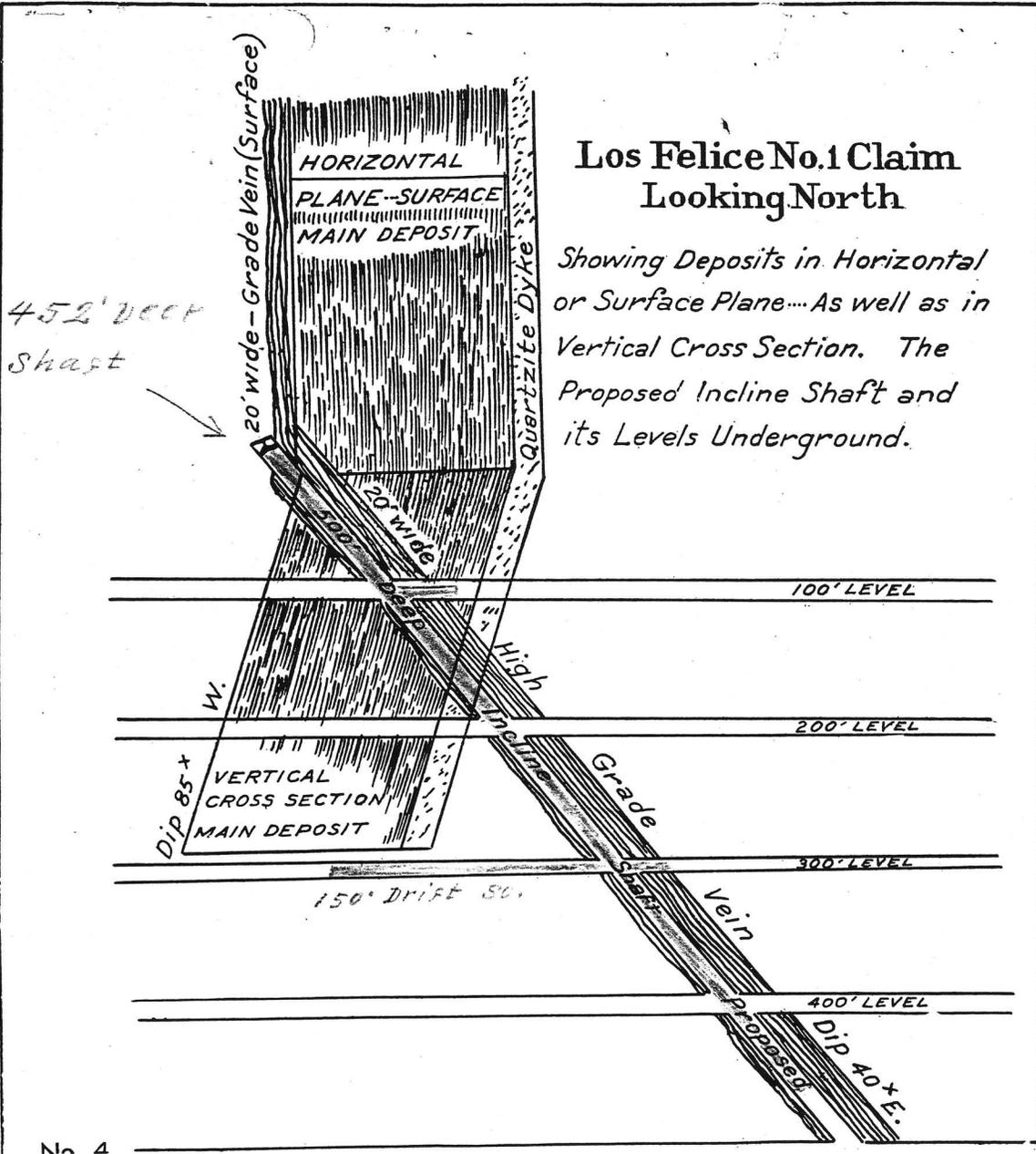
AND ITS

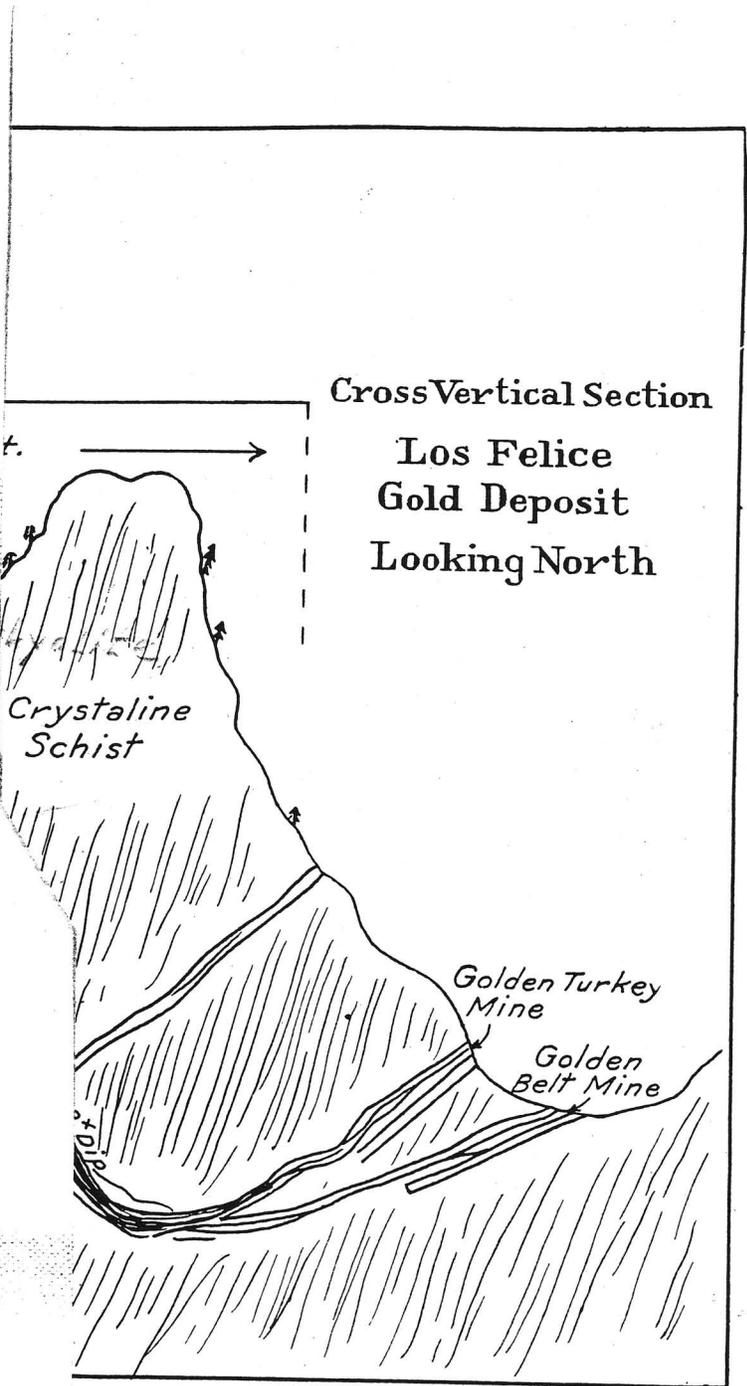
**Los Felice Gold Property**

MINES AT CLEATOR, ARIZONA

# Los Felice No.1 Claim Looking North

*Showing Deposits in Horizontal or Surface Plane... As well as in Vertical Cross Section. The Proposed Incline Shaft and its Levels Underground.*





Cross Vertical Section

Los Felice  
Gold Deposit  
Looking North

t.

Crystalline  
Schist

Golden Turkey  
Mine

Golden  
Belt Mine

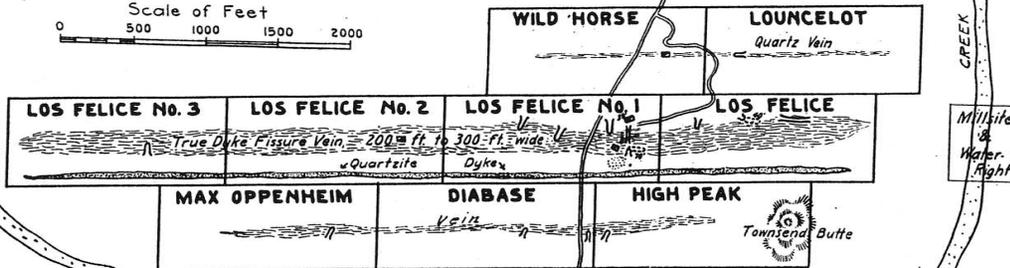
MAP  
OF  
**LOS FELICE GOLD PROPERTY**  
BLACK CANYON MINING DISTRICT  
YAVAPAI COUNTY, ARIZONA  
OWNED BY  
**ST. JOHN GOLD & COPPER CO.**

Scale of Feet  
0 500 1000 1500 2000

FRENCH LILY  
MINE

One mile to CLEATOR  
(On Santa Fe R. R.)

County Road



SILVER CORD  
MINE

Millsite & Water Right

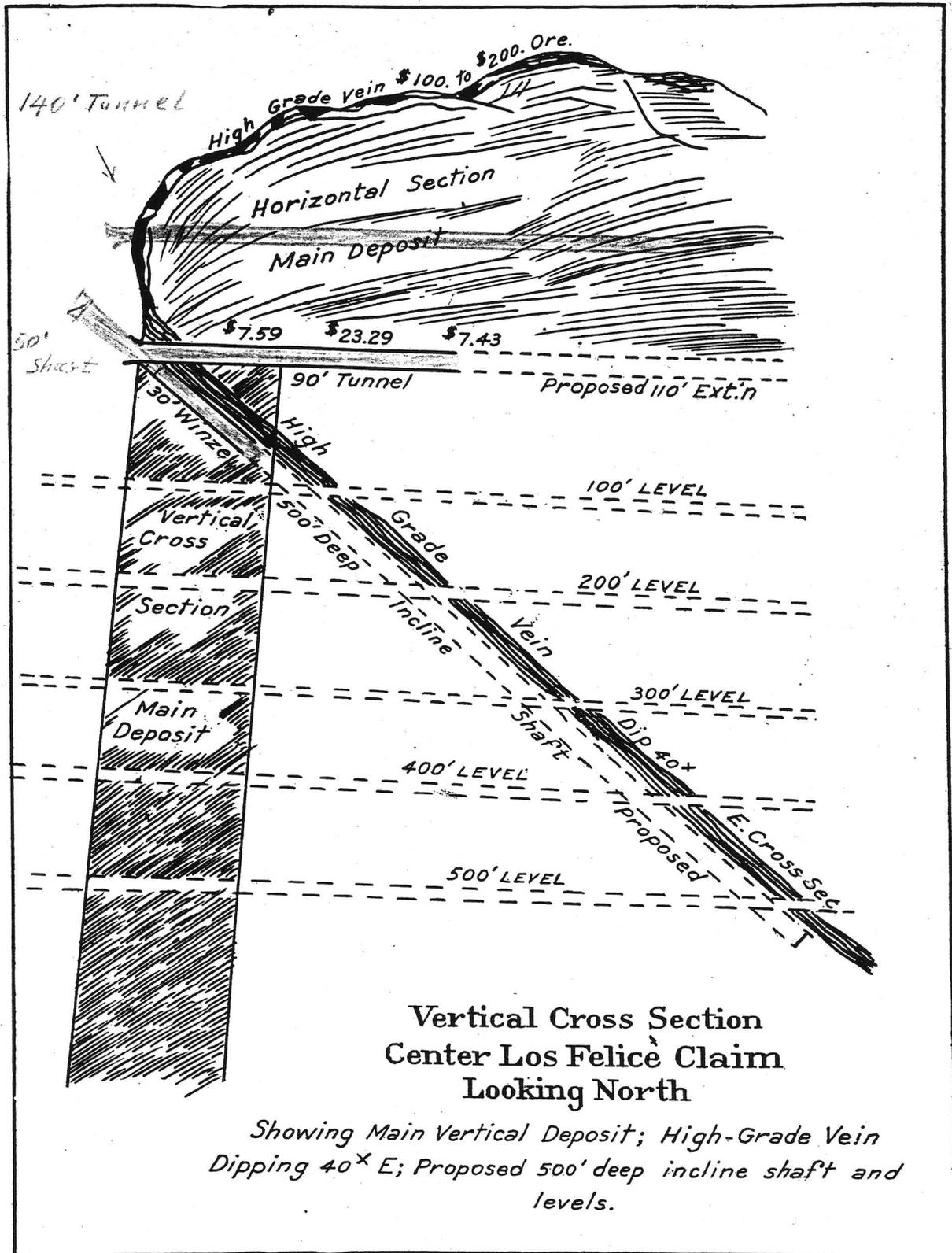
- LEGEND
- Shaft
  - ▬ Open Cut
  - ▬ Trench
  - ⋯ Tunnel
  - Approximate location of neighboring property

Golden Turkey  
Mine

GOLDEN BELT  
MINE

TURKEY  
CREEK

No. 1



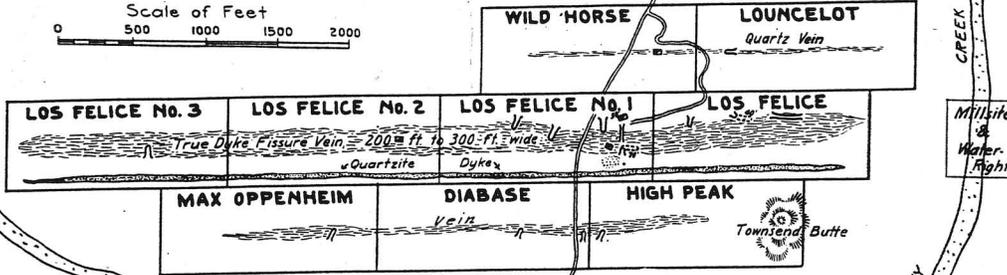
**Vertical Cross Section  
Center Los Felice Claim  
Looking North**

*Showing Main Vertical Deposit; High-Grade Vein  
Dipping 40° E; Proposed 500' deep incline shaft and  
levels.*

MAP  
OF  
**LOS FELICE GOLD PROPERTY**  
BLACK CANYON MINING DISTRICT  
YAVAPAI COUNTY, ARIZONA  
OWNED BY  
**ST. JOHN GOLD & COPPER CO.**

Scale of Feet  
0 500 1000 1500 2000

SILVER CORD  
MINE



- LEGEND**
- Shaft
  - Open Cut
  - Trench
  - Tunnel
  - Approximate location of neighboring property

NOTE: Calculated to be 15,000,000 tons oxidized gold ore above sulphide zone that would net \$3.50 per ton.

No. 1

"With, and along-side the large vertical deposit, and in conjunction with it, also outcrops another vein or deposit 3 ft. to 20 ft. wide, which being called the High-Grade-Vein, and which, on its 40° dip, E. cuts through and across the vertical deposit near surface, through and across the Townsend Butte, through and across all other formations in its path, for a mile on its 40° dip downward and toward the Golden Turkey and Golden Belt mines, on the east. (For greater clarification of this interesting feature see Vertical-Cross-Section Sketch No. 2.) This inclined vein can be traced for a mile on its trend from south to north over Los Felice property, thence, turning at right-angle along the northerly side of Townsend Butte, thence again turning at right-angle southerly, towards and into the Golden Turkey and Golden Belt mines. Thus we have in this high-grade vein alone: "One mile in length on its outcrop along—its course north and south—and one mile on its dip east." A virgin deposit, yet practically proven and demonstrated by the adjoining mines. A rare and an exceptional occurrence.

Hence, our initial attack will be on this inclined, high-grade vein, on and over the Los Felice and Los Felice No. 1 claims. Driving on its dip east, opening up and connecting levels underground at each 100 ft. of depth; starting stoping and producing with the greatest possible speed and economy. While the large, vertical, lower grade gold deposit, as well as the other veins running parallel on westerly side and dipping into it, will be opened up later on; as these, too, have great promise of making large mines and producers.

### Reports and Opinions

Mr. A. C. Simkins, a prominent mining engineer and operator throughout the west, reported, in part: "The ore occurs contiguous to a pronounced fault which can be traced for a distance of twenty miles. This fault runs South within sight of the road follow-

ing the Black Canyon for fifteen miles, while North of the Los Felice gold property it runs for five miles, or further until lost under the malapai flows. It traverses the pre-Cambrian schists in a Northerly and Southerly course, furnishing at frequent intervals prominent land marks in the shape of silicious outcrops. But nowhere are these outcrops bolder than on the mining claims under review. Subject to influences of such a fault and subsequent silicifications of the adjoining rocks, it is but natural to expect the presence of mines. And as consequence the Los Felice mines were easily found. Their outcrop for the length of some six thousand feet, plainly by brown and black discolorations due to high percentages of iron and manganese, in places frequently exceeds three hundred feet across. To get a reasonable estimate of the values of this area a large number of samples had to be taken. For this purpose it was sampled in stretches of fifty feet wide, divided into sections of ten feet across. As a number of these subdivisions of ten feet assayed above \$9.00 per ton in gold and some exceeded \$13.00 per ton in gold, it is fair to assume that a large tonnage of profitable commercial ore is to be depended on. No ore was allowed to enter the samples which gave evidence of being high grade; hence the sampling may be taken as done in good faith. The meaning of commercial ore in a case of this kind is a product that can be either mined and shipped to a smelter at a profit or worked on the ground at local plant profitably.

In the former instance the following figures apply:

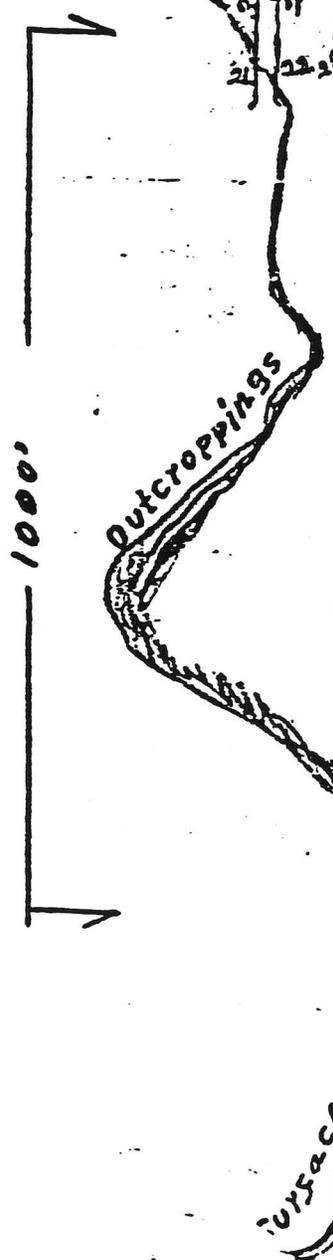
Cost of mining and loading on trucks.....	\$1.00	per ton
Cost of hauling to R. R. Station.....	0.50	"
Cost of smelting at the Hayden Smelter.....	2.00	"
Cost of R.R. haul from Cleator to Hayden.....	2.00	"
Total Cost.....	\$5.50	"



28. 29 Tunnel Now 120'  
 27. Latest 60' Tunnel  
 High Grade ore Av. \$72.00  
 per Ton; Mill Grade  
 Av. \$9.00 per Ton.

Sample Width

No.	W, 1'	V. #	Value
1.	4.	8.	8.05
2.	4.	5.	5.60
3.	2.	16.	16.58
4.	4.	14.	14.70
5.	4.	18.	18.60
6.	4.	7.	7.90
7.	5.	6.	6.15
8.	4.	8.	8.10
9.	5.	9.	9.05
10.	4.	10.	10.45
11.	5.	25.	25.95
12.	5.	7.	7.05
13.	5.	9.	9.60
14.	5.	9.	9.85
15.	5.	7.	7.30
16.	5.	6.	6.70
17.	5.	4.	4.40
18.	Pit	12.	12.20
19.	"	41.	41.35
20.	"	28.	28.15
21.	W.F.	24.	24.60
22.	"	28.	28.35
23.	"	15.	15.30
24.	"	3.	7.59
25.	"	4.	23.29
26.	"	6.	7.43
27.	open cut	90.	90.85
28.	"	201.	201.00
29.	"	108.	108.05
30.	Pit	10.	10.10
31.	"	6.	6.15

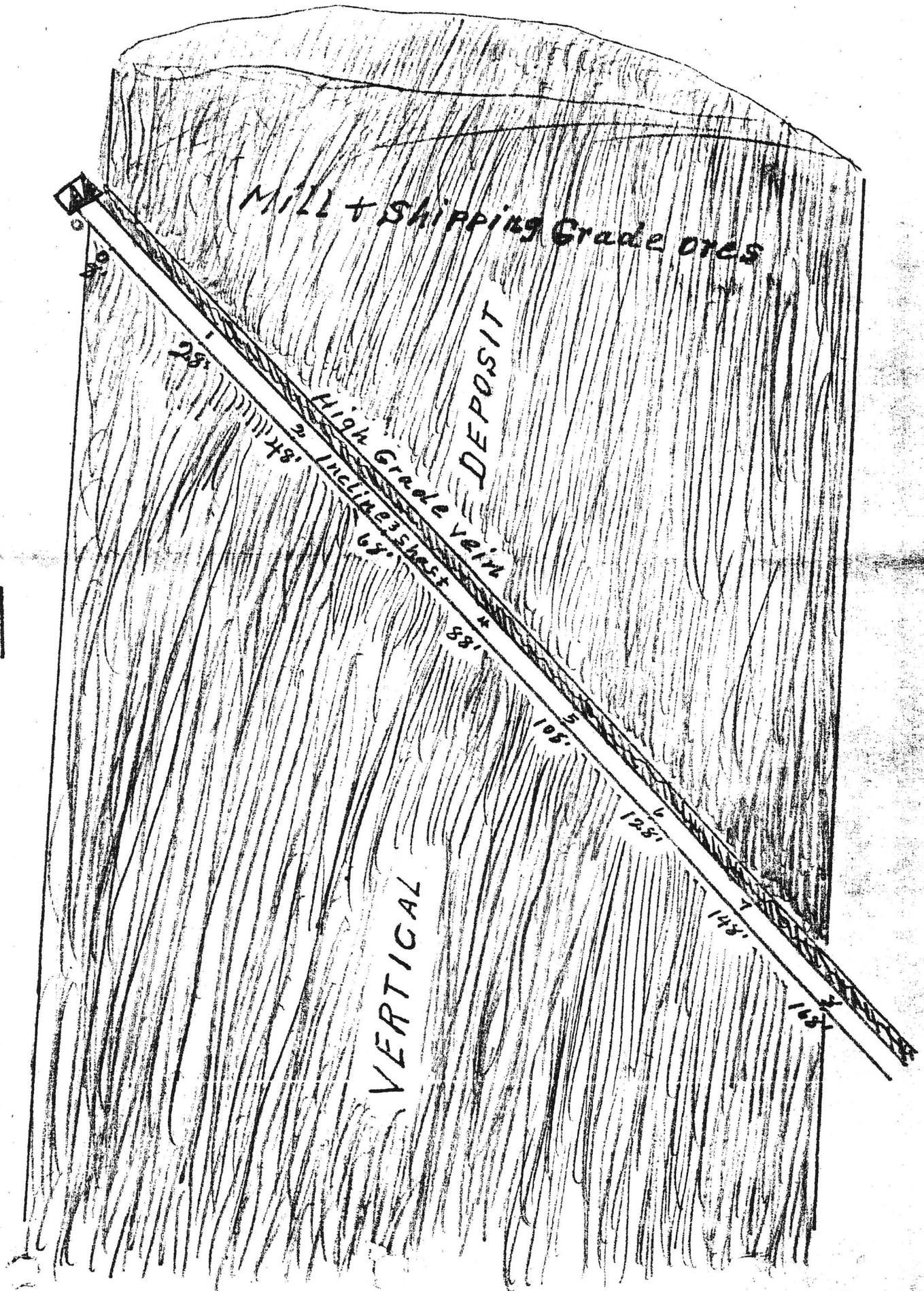


"452' DEEP 605 F. LICE #1 INCLINE SHAFT DIP. 42° E."

J.S. - #1

VERTICAL CROSS SECTION :  
OF FINE ORE DEPOSITS.  
ST. JOHN GOLD & COPPER COMPANY.

Rough Plane - Sampling Vertical Deposit - Los Felices,  
in Incline Shaft - Done in 20' Stretches,



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

Date: February 2, 1942

1. Mine: LOS FELICE GOLD MINE
  2. Location: One (1) mile east of Cleator, Arizona, adjoining Golden Turkey Mine on West side.
  3. Mining District & County: Black Canyon Mining District, Yavapai County
  4. Former Name:
  5. Owner: St. John Gold & Copper Co.
  6. Address (Owner): Cordes, Arizona.
  7. Operator: " " " "
  8. Address (Operator): " "
  9. President, Owning Co: John Slak
  - 9A. President, Operating Co:
  10. Gen. Mgr: " "
  14. Principal Minerals: Gold, Silver, and Lead.
  11. Mine Supt:
  15. Production Rate: 100 tons to date, high grade, from development.
  12. Mill Supt:
  16. Mill - Type & Cap: None.
  13. Men Employed: Two.
  17. Power - Amt. & Type: 25 HP semi-diesel hoist, compressor, drills-tools, etc.
- NOTE: Electric power line crosses North of property (north end).
18. Operations - Present: Upkeep of mine.
  19. Operations - Planned: Sinking No. 1 shaft from 452' to 500' depth; then drifting on vein-ore both ways; Sinking No. 2 shaft from 50' to 300' depth; then drifting on vein-ore both ways. Meantime constructing a mill of 50-tons or more daily capacity..
  20. Number Claims, Title, etc: Ten (10) mining claims, or 200 acres; 1-water & millsite claim of 6 acres; total area of 206 acres. Title held by location, without encumbrance.
  21. Description - Topography & Geography: Topography being semi-rough, this owing to a succession of large Camel-like humps trending north-south; and hence the variation of elevation from 3,200 to 3,950 feet above sea level. An thus the unsurpassed climatic conditions the year around.
  22. Mine Workings - Amt. & Condition: Mine workings consist of shafts, drifts, crosscuts, tunnels & upraises, 1,550 feet in all. All the workings are in excellent condition. Deepest shaft 35\* incline, double compartment, being 452 feet deep.

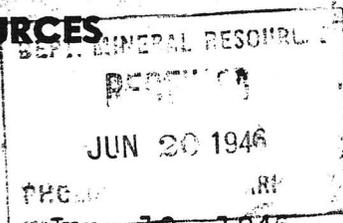
(over)

23. **Geology & Mineralization:** Principal country rock being Yavapai Schist of pre-Cambrian origin which surrounds the two main ore deposits, in which formation most of the producing mines in this county have been found. This schist was subsequently intruded by igneous dikes such as porphyry, diorite, diabase and rhyolite, trending North-South and closely associated with ore deposits.
24. **Ore - Positive & Probable, Ore Dumps, Tailings:** Positive ore, 25,000 tons;  
Probable ore, 65,000 tons;  
Ore on dumps, 5,000 tons.  
Possible ore, beyond present calculation.
- 24A. **Dimensions and Value of Ore body:** Average width of ore body between walls (dipping 30 degrees east) being 4' 5". Of an average value of \$6.74 in gold per ton. (Silver-lead values not computed).
25. **Flow-Sheet: Mill test, Concentration:** 20 to 1; loss 5% recovery 95%, or \$6.41 in gold per ton.  
Silver-lead values in addition.
26. **Road Conditions, Toute:** Excellent, Crown King-Horsethief Basin, county road crosses the property, which road, 3 miles to the east connects with the Black Canyon state road, on which 12 miles to the north is Mayer, the R. R. shipping point. Prescott 45 miles to the north - Phoenix 65 miles to the south.
27. **Water Supply:** Water is plentiful for all purposes in the Turkey Creek which crosses the property near its north end.
28. **Brief History:** During development 40 tons of average grade ore was treated in a nearby mill and the result of which being as per above statement. While about 60 tons of higher grade (sorted ore) was sent to smelter in 4 small shipments which variously netted from \$20.00 to \$42.00 per ton.
29. **Special Problems:** Fine Problems, being in the fact that the ores in this mine are exceptionally easy to mine, crush, mill & treat. One driller can easily break down 50 tons per shift. In other words, ores can be mined, milled and treated at a cost of \$3.00 or less per ton.
30. **Remarks:** This mine is now ready for 50 to 100 tons daily capacity mill, and thence for a steady, long life paying extraction and production. Therefore, this writer most highly recommends it to those who understand and appreciate an up-to-date, demonstrated property as a business proposition.
31. **If property for sale - Price, terms and address to negotiate:** The mine is for sale; Price \$100,000.00. Easy terms. If interested address: John Slak, President,  
Cordes, Arizona
32. **Signature:** (Signed) JOHN SLAK  
Consulting Mining Engineer.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT



Date June 19, 1946

1. Mine: LOS FELICE GOLD MINE, 1707 Dyer

2. Location: Sec. Twp. Range. Nearest Town Cleator, Distance 1-mile, Direction East, Road Condition Excellent,

3. Mining District & County: Black Canyon, Yavapai,

4. Former Name of Mine:

5. Owner: St. John Gold & Copper Co. Address: Cleator, or Mayer, Arizona

6. Operator: Address:

7. Principal Minerals: Gold, Silver, Lead,

8. Number of Claims: Ten (10) Lode X, Placer Patented Unpatented X,

9. Type of Surrounding Terrain: Gently-Rolling Hills,

10. Geology & Mineralization: Yavapai Schist, (a rock of pre-Cambrian origin) subsequently intruded by various igneous dykes such as Diabase, Diorite, Porphyry & Rhyolite, (also an immense Quartzite dyke of pre-Cambrian origin.)

11. Dimension & Value of Ore Body: Vein (Lode) averages 4 feet 4 inches in width; 6,000 feet in length; trending North-South; dipping 40 degrees East (and into the former Golden Turkey mine which, was abandoned because of our apex:) -- Minimum average value of ore body (or vein) \$10.00 per ton, in gold, silver & lead,

12. Ore "Blocked Out" or "In Sight": 30,000 tons.

Ore Probable: Minimum 1,000,000 tons.

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts 3	452' 50' 40'	Excellent.
Raises 4	60' 60' 50' 40'	Good.
Tunnels 4	140' 100' 90' 75'	Excellent.
Crosscuts 3	130' 25' 30'	Excellent.
Stopes 2 - Small ones.		Excellent.

(Many other smaller workings)

14. Water Supply: On the property, in the Turkey Creek.

15. Brief History:

NOTE: Iron-Manganese deposit being also on this property:

16. Signature: *John Slak* (John Slak,) President.

17. If Property for Sale, List Approximate Price and Terms: For Sale. Price & Terms can be easily and satisfactorily arranged - with the right parties.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 9, 1939.

Mine Los Felice Gold Mine,  
District Black Canyon Mining District, Location (Adjoining Golden Turkey Mine  
on its Westerly side line.)  
Former name Los Felice Gold Property, "One Mile East of Cleator."  
Owner St. John Gold & Copper Co. Address Cordes, or Cleator, Arizona.  
Operator " " " " " " Address " " " "  
President John Slak, Gen. Mgr. John Slak,  
Mine Supt. " " Mill Supt.  
Principal Metals Gold, Men Employed Now - Only 2,  
Production Rate What comes from Development, Mill: Type & Cap. 0  
Power: Amt. & Type 1-25 H.P. Semi-Diesel, Fairbanks-Morse Hoist; 1-8x9 I-R Compressor.  
Operations: Present Sinking; And, MAKING Preparation to Finance a 50-Ton Daily  
Capacity Mill.

Operations Planned Building a Mill; Additional Equipment for No.2. Shaft; Sinking  
and Opening up additional levels. Production.

Number Claims, Title, etc. 9, Water-Right & Millsite; All Held by Location.

Description: Topog. & Geog. Rough; Cut by Formidable <sup>a</sup>Cnyons and Gulches; But Easy of  
Access.

Mine Workings: Amt. & Condition Incline Shafts, Drifts, Tunnels, Up-Raises & Pits.  
All in Excellent Condition - And Done In Miner-Like  
Manner; Deepest Shaft being 452 Feet; Total Underground  
Work Done, 1,403 Feet.

Geology & Mineralization The 2' to 7' wide Vein cuts through all and various formations on its trend North & South - and likewise on its 40\* dip to the East (toward Golden Turkey mine,) such as diorite, diabase, porphyry, rhyolite, chlorite schist & yavapai schist and quartzite. -- It is very persistent, and also cuts across a huge, low grade, vertical iron-quartz deposit: -----

Ore: Positive & Probable, Ore Dumps, Tailings

Positive Ore, 25,000 tons; Probable Ore, 30,000 tons; Possible Ore, 300,000 tons; Ore on Dumps, 5,000 tons; (This latter being more or less mixed with waste and hence of low grade.) Ore in place would average \$7.13 per ton. Consisting of brittle-quartz, iron & lead, "Lead" being the richest in gold.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route "Excellent." Black Canyon-Horsethief road crosses the property.

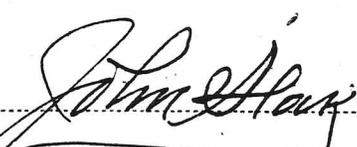
Water Supply In Turkey Creek, at North end of property.

Brief History The property was under modest development since Aug. 1, 1936.

Special Problems, Reports Filed Special Problem now is in getting an adequate mill.

Remarks The property promises as a long-life producer.

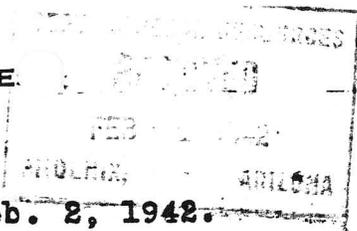
If property for sale: Price, terms and address to negotiate. Price, for the whole, \$300,000. terms  
Price, for control, \$100,000. "  
(Or, a substantial interest would be given to party or parties who would be willing to finance the mill - and things that go with it.)

Signed  Pres. ....

Use additional sheets if necessary

(ROUGH SKETCHES ATTACHED)

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT



Date: Feb. 2, 1942.

- 1. Mine : Los Felice Gold Mine.
- 2. Location : One (1) mile East of Cleator; adjoining Golden Turkey mine on the West side.
- 3. Mining District & County : Black Canyon; Yavapai.
- 4. Former name
- 5. Owner : St. John Gold & Copper Co.
- 6. Address (Owner) : Cordes, Arizona.
- 7. Operator : " " " "
- 8. Address (Operator) : " "
- 9. President, Owning Co. : John Slak,
- 9A. President, Operating Co.
- 10. Gen. Mgr. : " "
- 14. Principal Minerals : Gold-Silver-Lead.
- 15. Production Rate : 100 tons to date, high grade, from development.
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type : MILL:- None. 25 H.P. semidiesel hoist, compressor, drills-tools, etc.
- 18. Operations: Present : Upkeep of mine.
- NOTE: Electric power line crosses North of property. (North-end

19. Operations: Planned : Sinking No.1. shaft from 452' to 500' depth; then drifting on vein-ore both ways; - Sinking No.2. shaft from 50' to 300' depth; then drifting on vein-ore both ways. Meantime constructing a mill of 50-tons or more daily capacity.

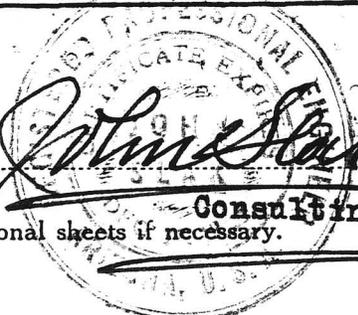
20. Number Claims, Title, etc. : Ten (10) Mining Claims, or 200 acres; 1-water & mill-site claim of 6 acres; total area of 206 acres. Title held by location, without encumbrance.

21. Description: Topography & Geography : Topography being semirough, this owing to a succession of large, Camel-like humps trending North-South; and hence the variation of Elevation from 3,200' to 3,950' above sea level. And thus the unsurpassed climatic conditions the year round.

22. Mine Workings: Amt. & Condition : Mine workings consist of shafts, drifts, cross cuts, tunnels & upraises, 1,550 feet in all. All the workings are in excellent condition. Deepest shaft, 35\* incline, double compartment, being 452 feet deep.

23. Geology & Mineralization : Principal entry rock being Ya pai hist of pre-Cambrian origin which surrounds the two main ore deposits, in which formation most of the producing mines in this county have been found. This schist was subsequently intruded by igneous dikes such as porphyry, diorite, diabase and rhyolite, trending North-South and closely associated with ore deposits.
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- 24A. Dimensions and Value of Ore body: Average width of ore body between walls, (dipping 30 degrees East) being 4' 5". Of an average value of \$6.74 in gold, per ton. (Silver-lead values not computed.)
25. Mill/ML/Equipment/Flow-Sheet : Mill test, Concentration: 20 to 1; loss 5% recovery 95%, or \$6.41 in gold, per ton.  
Silver-lead values in addition.
26. Road Conditions, Route : Excellent, Crown King-Horsethief Basin, county road crosses the property, which road, 3 miles to the East connects with the Black Canyon state road, on which 12 miles to the North is Mayer, the R.R. shipping point. Prescott 45 miles to the North. Phoenix 65 miles to the South.
27. Water Supply : Water is plentiful for all purposes in the Turkey Creek which crosses the property near its North end.
28. Brief History: During development 40 tons of average grade ore was treated in a nearby mill and the result of which being as per above statement. While about 60 tons of higher grade (sorted ore) was sent to smelter in 4 small shipments which variously netted from \$20.00 to \$42.00 per ton.
29. Special Problems, Reports Filed: Fine Problems, being in the fact that the ores in this mine are exceptionally easy to mine, crush, mill & treat. One driller can easily break down 50 tons per shift. In other words, ores can be mined, milled and treated at a cost of \$3.00 or less, per ton.
30. Remarks : This mine is now ready for 50 to 100 ton daily capacity mill, and thence for a steady, long life paying extraction and production. Therefore, this writer most highly recommends it to those who understand and appreciate an up-to date, demonstrated property as a business proposition.
31. If property for sale; Price, Terms and address to negotiate: The mine is for sale; Price, \$100,000.00/  
Easy terms. - If interested, address;  
John Slak, Pres.  
Cordes, Arizona

32. Signature.....  
33. Use additional sheets if necessary.



STATUS OF DORMANT MINES

MINE NAME: LOS FELICE,

LOCATION: Cleator,

OWNER ~~AND/OR LEASEE~~: St. John Gold & Copper Co.

ADDRESS: Cleator, or Mayer, Arizona

APPROXIMATE PRODUCTION (Year of 1945):

COPPER \_\_\_\_\_ Lbs. LEAD \_\_\_\_\_ Lbs.

ZINC \_\_\_\_\_ Lbs. (OTHER) \_\_\_\_\_

CHECK THE CHIEF CAUSE OF YOUR DISCONTINUED PRODUCTION:

- (A) Easily available ore worked out.
- (B) Increased costs, but have quantity similar to past grade of ore.
- (C) Too close a margin to develop more ore.
- (D)  "L 208" Considered it as a gold mine.

If you have ore ready to mine please give your estimate of the amount of metal (name each metal) that you could produce in one year (after allowing 60 days to get started) if there were premiums above present market prices. Name amount with a low premium, and amount at a high premium; such as:

Copper at  $22\frac{1}{2}\text{¢}$  plus 5¢ premium..... 1,000,000 Lbs.  
Copper at  $22\frac{1}{2}\text{¢}$  plus 10¢ premium..... 1,500,000 Lbs.

"Could, about 35,000 tons of 40% to 65% lead galena ores if assured of substantial profits."

If you do not have ore ready to mine please discuss the following:

- (A) Do you think a reasonable development program would produce a justified tonnage of commercial ore at above mine?

"CERTAINLY"

- (B) With a premium price (guaranteed for one year) could you carry out such a development program yourself? What premium?

"Financial Help Required"

No.2.  
Excellent Copper Prospect.  
Owner: Slaks Family.

(C) If you could not do this yourself, would a quick drilling program by some government agency (at government expense) be sufficient?

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(D) Or would you prefer a loan plan similar to the arrangements during World War II?

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How about a combination plan in two stages such as follows?

Stage 1: Government engineers review project and, if a little drilling appears to be justified and a preliminary key to the situation, such drilling program to be agreed upon by owner and government engineer, paid for by the government, but let by contract.

Stage 2: If results of drilling (or without drilling) justify underground development and/or production equipment, same to be obtainable via a mortgage loan on property.

Please discuss the above: "Anyone of the above 4 named plans would be acceptable and workable for the best interests of all concerned."

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SUGGESTIONS:

The surface showings of the copper prospect fully justifies 2 or 3 diamond-drill holes, which would determine as to whether there is or isn't a copper mine.

---

DATE August 4, 1950.

SIGNATURE John Slak, Pres.

AMERICAN SMELTING & REFINING COMPANY  
 EL PASO SMELTING WORKS  
 DOMESTIC GOLD SETTLEMENT

EL PASO, TEXAS, JAN. 17, 1935

Name of Shipper: John Slak Smelter Pot 1635

Shipping Point: MAYER ARIZONA Shipper Lot \_\_\_\_\_

DATE RECEIVED 12/ 29/ 1935

PAYMENTS AS PER AGREEMENT:

<u>DECEMBER</u>	Realized Price Per Ounce	<u>33.998</u>	
Mint Price	“ “	<u>40.67</u>	
Excess Price	“ “	<u>15.526</u>	
90% of Excess Price			<u>11.952</u>
Contract or Schedule Price			<u>19.50</u>
<u>10.7</u> Ounces Gold @		<u>31.4953</u>	<u>337.00</u>

DEDUCTIONS AS PER AGREEMENT:

Provisional Gold Settlement		<u>202.65</u>
<u>7</u> days <u>JAN. 10 - JAN. 17 1935</u>		
Additional Base Charge Account Increased Value		
“ Freight “ “ “ “		
NET DUE SHIPPER		<u>208.89</u>
Royalty		<u>128.11</u>
BALANCE DUE SHIPPER		

<u>MADE BY</u>	<u>CHECKED</u>	<u>CORRECT</u>	<u>APPROVED</u>
<u>HMZL</u>	_____	<u>CMR</u>	_____

*Retyped by S.M. to the best of my ability original attached?*

AMERICAN SMELTING & REFINING COMPANY  
EL PASO SMELTING WORKS  
DOMESTIC GOLD SETTLEMENT

Jan. 17, 1935

John Slak El Paso, Texas, Jan. 17, 1935

Name of Shipper: John Slak Smelter Lot 1635 1935

Shipping Point: Ray, Arizona Shipper Lot \_\_\_\_\_

Mayer Arizona. Date Received 12-29-35

PAYMENTS AS PER AGREEMENT:

<del>December</del>	Realized Price Per Ounce	<del>33.998</del>	33.998
December	" "	<del>30.07</del>	
Mint Price	" "	<del>31.500</del>	
Excess Price	" "		15.526
90% of Excess Price		<del>11.952</del>	11.952
Contract or Schedule Price		<del>20.00</del>	19.50
<u>10.7</u> Ounces Gold @		<u>31.4953</u>	<u>337.00</u>
		<del>31.4953</del>	<del>337.00</del>

DEDUCTIONS AS PER AGREEMENT:

Provisional Gold Settlement		<del>202.65</del>	202.65
Interest 6% on Provisional Gold Settlement			
<u>7</u> days <u>Jan. 10 - Jan. 17</u>		<u>2.24</u>	
Additional Base Charge Account Increased Value			
" Freight " " " "			
NET DUE SHIPPER		<u>208.89</u>	<u>208.89</u>
Royalty		<u>128.11</u>	<u>128.11</u>
BALANCE DUE SHIPPER			

MADE BY

HmZ

CHECKED

CORRECT

CMR

APPROVED

LOS FELICE GOLD MINE

YAVAPAI COUNTY



Adjacent on north and west sides of Turkey Mine. Owner - St. John Gold & Copper Co., John Slak, Pres., Cleator, Arizona.

No production in recent years and no base metal ore ready to mine. The past development or exploration has been confined to what is essentially a gold vein.

The 35,000 tons of 40-65 percent lead ore, mentioned in the questionnaire, is not in sight and is apparently entirely inferred from questionable data.

Signed: L.L. Farnham - October 24, 1950

This property inactive.

\_\_\_\_\_  
Mark Gemmill  
5-27-57

November 22 visited Mrs. John Slak at the St. John Mine. The property is optioned, also the Copper Gossan, but no work under way. TPL WR 11-26-60

Interviewed Mrs. Slak at the St. John mine. New parties are negotiating for the property. TPL WR 4-29-61

It is reported that Alex Prohoroff and Charles Goetz have taken over the Los Felice and St. John mines from Mrs. Slak. LP 11/27/74

~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~

\* GENERAL REFERENCES

REFERENCE 1 F1 < ABGMT - USBM FILE 1 >

REFERENCE 2 F2 < ABGMT CLIPPINGS FILE >

REFERENCE 3 F3 < USBM I. C. 8236, p. 105-106 (HARPER, 1964 REFERENCE) >

REFERENCE 4 F4 < >

NBS < HAS BEEN RECORDED FOR FE AND MW, HOWEVER >

U.S. CRIB-SITE FORM  
RECORD IDENTIFICATION

RECORD NUMBER B10 < > RECORD TYPE B20 < X, I, M > DEPOSIT NUMBER B40 < >

REPORT DATE G1 < 8, 1969 > INFORMATION SOURCE B30 < 1, 2 > FILE LINK IDENT. B50 < USBM 004 025 >

REPORTER (SUPERVISOR) G2 < DEWITT, E. H. > (last, first, middle initial) (last, first, middle initial)

REPORTER AFFILIATION G5 < > SITE NAME A10 < LOS FELICE MINE >

SYNONYMS A11 < ST. JOHNS MINE, TOWNSEND >

LOCATION

MINING DISTRICT/AREA A30 < BLACK CANYON DISTRICT >

COUNTY A60 < YAVAPAI > STATE A50 < AZ > COUNTRY A40 < U.S. >

PHYSIOGRAPHIC PROV A63 < 1, 2, 3 >

DRAINAGE AREA A62 < 1, 5, 0, 7, 0, 1, 0, 2, 3 > LAND STATUS A64 < 0, 0, 1, 2, 3 >

QUADRANGLE NAME A90 < CLEAROR > QUADRANGLE SCALE A100 < 24, 000 >

SECOND QUAD NAME A92 < > SECOND QUAD SCALE A91 < >

ELEVATION A107 < 3, 500, 4, F.T. >

UTM

NORTHING A120 < 3793000 >

EASTING A130 < 3884000 >

ZONE NUMBER A110 < 12 >

\* ACCURACY

ACCURATE ACC (circle)

ESTIMATED EST < >

GEODETTIC

LATITUDE A70 < 34-16-26 N >

LONGITUDE A80 < 112-12-44 W >

CADASTRAL

TOWNSHIP(S) A77 < 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 > RANGE(S) A78 < 0, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 >

SECTION(S) A79 < 01 >

SECTION FRACTION(S) A76 < NW OF SW >

RIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 1.2 MILES EAST OF CLEAROR, ARIZONA >

LOCATION COMMENTS A83 < >

ESSENTIAL INFORMATION

\* ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

### COMMODITY INFORMATION

COMMODITIES PRESENT C10 < A.U. V.A.G. V.C.U. V.Z.N. V.F.E. V.M.N. \_\_\_\_\_  
 ORE MINERALS C30 < GOLD, CHALCOPYRITE, ENA, HEMATITE \_\_\_\_\_  
 COMMODITY SUBTYPES C41 \_\_\_\_\_  
 GEN. ANALYTICAL DATA C43 \_\_\_\_\_  
 COM. INFO. COMMENTS C50 \_\_\_\_\_

**\* SIGNIFICANCE**

<p style="text-align: center;">PRODUCER</p> <p>MAJOR PRODUCTS MAJOR &lt; <u>A.U. V.A.G. V.P.B.</u> _____&gt;                  MINOR PRODUCTS MINOR &lt; <u>C.U.</u> _____&gt;                  POTENTIAL PRODUCTS POTEN &lt; <u>Z.N.</u> _____&gt;                  OCCURRENCES OCCUR &lt; _____&gt;</p>	<p style="text-align: center;">NON-PRODUCER</p> <p>MAIN COMMODITIES PRESENT C11 &lt; <u>F.E. V.M.N.</u> _____&gt;                  MINOR COMMODITIES PRESENT C12 &lt; _____&gt;                  OCCURRENCES OCCUR &lt; _____&gt;</p>
--	---

**\* PRODUCTION**

<p style="text-align: center;">PRODUCER</p> <p>PRODUCTION <input checked="" type="radio"/> (circle) PRODUCTION SIZE <input checked="" type="radio"/> SML <input type="radio"/> MED <input type="radio"/> LGE (circle one)</p>	<p style="text-align: center;">NON-PRODUCER</p> <p>PRODUCTION <input type="radio"/> UND <input type="radio"/> NO (circle one)</p>
---	---

**\* STATUS**

**EXPLORATION OR DEVELOPMENT**

<p style="text-align: center;">PRODUCER</p> <p>STATUS AND ACTIVITY A20 &lt; <u>4</u> _____&gt;</p>	<p style="text-align: center;">NON-PRODUCER</p> <p>STATUS AND ACTIVITY A20 &lt; _____&gt;</p>
--	---

DISCOVERER L20 \_\_\_\_\_  
 YEAR OF DISCOVERY L10 < EARLY 1930's \_\_\_\_\_> NATURE OF DISCOVERY L30 < B \_\_\_\_\_> YEAR OF FIRST PRODUCTION L40 < 1937 \_\_\_\_\_> YEAR OF LAST PRODUCTION L45 < 1938 \_\_\_\_\_>  
 PRESENT/LAST OWNER A12 < MRS. JOHN SLAK, MAVER, ARIZONA (1964) \_\_\_\_\_>  
 PRESENT/LAST OPERATOR A13 < ST. JOHNS AU & CU COMPANY \_\_\_\_\_>  
 EXPL./DEV. COMMENTS L110 \_\_\_\_\_

### DESCRIPTION OF DEPOSIT

DEPOSIT TYPE(S) C40 < VEIN \_\_\_\_\_>  
 DEPOSIT FORM/SHAPE M10 < TABULAR \_\_\_\_\_>  
 DEPTH TO TOP M20 < \_\_\_\_\_> UNITS M21 < \_\_\_\_\_> MAXIMUM LENGTH M40 < 200 \_\_\_\_\_> UNITS M41 < FT \_\_\_\_\_>  
 DEPTH TO BOTTOM M30 < 450 \_\_\_\_\_> UNITS M31 < FT \_\_\_\_\_> MAXIMUM WIDTH M50 < 400 \_\_\_\_\_> UNITS M51 < FT \_\_\_\_\_>  
 DEPOSIT SIZE M15 <  SMALL  MEDIUM  LARGE (circle one) \_\_\_\_\_> MAXIMUM THICKNESS M60 < 3.5 \_\_\_\_\_> UNITS M61 < FT \_\_\_\_\_>  
 STRIKE M70 < NORTHEASTLY AVERAGE \_\_\_\_\_> DIP M80 < 40 E \_\_\_\_\_>  
 DIRECTION OF PLUNGE M100 < \_\_\_\_\_> PLUNGE M90 < \_\_\_\_\_>  
 DEP. DESC. COMMENTS M110 < VEIN AVERGES 2 TO 3 FEET IN WIDTH. 12 LOPE CLAIMS COVER DEPOSIT \_\_\_\_\_>

### DESCRIPTION OF WORKINGS

Workings are: SURFACE M120 \_\_\_\_\_ UNDERGROUND  M130 \_\_\_\_\_ BOTH M140 (circle one) \_\_\_\_\_  
 DEPTH BELOW SURFACE M160 < 450 \_\_\_\_\_> UNITS M161 < FT \_\_\_\_\_> OVERALL LENGTH M190 < 250 \_\_\_\_\_> UNITS M191 < FT \_\_\_\_\_>  
 LENGTH OF WORKINGS M170 < 1500 \_\_\_\_\_> UNITS M171 < FT \_\_\_\_\_> OVERALL WIDTH M200 < 10 \_\_\_\_\_> UNITS M201 < FT \_\_\_\_\_>  
 DESC. OF WORK. COM. M220 < \_\_\_\_\_> OVERALL AREA M210 < 2500 \_\_\_\_\_> UNITS M211 < FT \_\_\_\_\_>

### GEOLOGY

\* AGE OF HOST ROCK(S) K1 < P.R.O.T. V. W/PB 2100 GREATER THAN 1720 MILLION YEARS \_\_\_\_\_>  
 \* HOST ROCK TYPE(S) K1A < META RHYOLITE, CHERT, QUARTZ-MICA SCHIST \_\_\_\_\_>  
 \* AGE OF IGNEOUS ROCK(S) K2 < P.R.O.T. V. \_\_\_\_\_>  
 \* IGNEOUS ROCK TYPE(S) K2A < RHYOLITE \_\_\_\_\_>  
 \* AGE OF MINERALIZATION K3 < M.I.O. V. \_\_\_\_\_>  
 \* PERT. MINERALS (NOT ORE) K4 < QUARTZ, W/RITE \_\_\_\_\_>  
 \* ORE CONTROL/LOCUS K5 < Faulting, Shearing \_\_\_\_\_>  
 \* MAJ. REG. TRENDS/STRUCT. N5 < FOLIATION AND TRANSPOSED BEDDING TRENDS N-S \_\_\_\_\_>  
 \* TECTONIC SETTING N15 < \_\_\_\_\_>  
 \* SIGNIFICANT LOCAL STRUCT. N70 < FOLIATION TRENDS N-S \_\_\_\_\_>  
 \* SIGNIFICANT ALTERATION N75 < NONE \_\_\_\_\_>  
 \* PROCESS OF CONC./ENRICH. N80 < \_\_\_\_\_>  
 \* FORMATION AGE N30 < P.R.O.T. V. \_\_\_\_\_>  
 \* FORMATION NAME N30A < UNNAMED METAVOLCANIC AND METASEDIMENTARY UNITS AND SLD MOUNTAIN VOLCANICS \_\_\_\_\_>  
 SECOND FM AGE N35 < \_\_\_\_\_>  
 SECOND FM NAME N35A < \_\_\_\_\_>  
 \* IGNEOUS UNIT AGE N50 < P.R.O.T. V. \_\_\_\_\_>  
 \* IGNEOUS UNIT NAME N50A < As LWE N30A \_\_\_\_\_>  
 SECOND IG. UNIT AGE N55 < \_\_\_\_\_>  
 SECOND IG. UNIT NAME N55A < \_\_\_\_\_>  
 GEOLOGY COMMENTS N85 < LOS FELICE (ST JOHNS) VEIN CUTS PRECAMBRIAN ROCKS. HARRER (1964, p. 105-106) STATES THE DEPOSIT ALSO HAS FE AND MN POTENTIAL IN THE PRECAMBRIAN CHERT AND IRON FORMATION. NO PRODUCTION \_\_\_\_\_>

### GENERAL COMMENTS

GENERAL COMMENTS GEN < \_\_\_\_\_>

ST. JOHNS' SAMPLES

		<u>Width</u>	<u>Value in Gold and Silver</u>
#1	Across bottom of shaft	21"	\$3.69
#2	Surface cut	1 ft.	9.20
#3	Foot wall quartz	4 ft.	1.27
#4	30 ft. in tunnel	40"	2.07
#5	40 ft. in tunnel	36"	7.59
#6	50 ft. in tunnel	20"	23.29
#7	60 ft. in tunnel	34"	3.35
#8	70 ft. in tunnel	48"	1.92
#9	Tunnel face	50"	2.22
#10	8 ton sorted ore on dump		26.87
#11	High grade streak in open cut on surface	3"	201.27
#12	Open cut south end cross layer	3 ft.	5.39
#13	Same across	2 ft. layer	1.94
#14	Random over dumps south end open cut		10.64

By: W. B. Ghorring.

International Resources &  
Mineral Development Inc.

3710 East Arbor Circle  
Mesa, Arizona 85206  
602-832-0967

GENE B. STOWE, President

June 9, 1988

Dear Sir:

Enclosed is a portion of the information we have available on the Chico Mines.

1. Chico mining claims is being presented by International Resources & Mineral Development, Inc., 3710 East Arbor Circle, Mesa, Arizona 85206.
2. An option of purchase the Chico claims is presently held by Gene B. Stowe, President of IR&MD.
3. Any offer in regards to the property should be addressed to the above company.
4. There are 51 claims, 2 of which are patented (see enclosed map).
5. There has been limited past production.
6. There are several shafts, tunnels and drill holes which produce ample water for milling.
7. The adjacent property north is the open pit mine developed by Duval, Pennzoil, now owned by Cyprus Mines.
8. In addition to the enclosed information there are hundreds of pages of reports and dozens of maps, available to prospective buyers at our corporate office.

No projections have been made by IR&MD as to the volume and grade of reserves, since each mining company, will determine a cut-off point suitable to their own operating plant design. The price is negotiable, depending on the time schedule of the buyer.



Gene B. Stowe  
President

International Resources &  
Mineral Development Inc.

3710 East Arbor Circle  
Mesa, Arizona 85206  
(602) 832-0967

GENE B. STOWE, President

May 17, 1988

ASSAYS FOR SURPRISE CLAIMS

<u>Sample Number</u>	<u>Location</u>	<u>Silver Ag</u>	<u>Gold Au</u>
Drill hole near Road Claim #9			
Cuttings #1	1 to 10	2.03	0.381
Cuttings #2	10 to 20	1.97	0.417
Cuttings #3	20 to 30	2.17	0.676
Cuttings #4	30 to 40	2.32	0.724
Cuttings #5	40 to 50	2.09	0.633
Cuttings #6	50 to 60	2.72	0.675
Cuttings #7	60 to 70	2.79	0.933
Cuttings #8	70 to 80	2.64	0.807
Cuttings #9	80 to 90	1.79	0.625
Cuttings #10	90 to 100	2.16	0.738

Surprise Group

9 - 3	Claim #9	3.06	0.813
9 - 4	Claim #9	2.46	0.743
9 - 5	Claim #9	2.86	0.841
9 - 6	Claim #9	2.25	0.627
9 - 7	Claim #9	3.72	0.937
9 - 8	Claim #9	1.94	0.437
9 - 10	Claim #9	2.18	0.532
Upper workings	Claim #9	2.84	0.731
#2	Claim #9	1.47	0.394
#3	Claim #9	2.20	0.498
Lower workings	Claim #8	2.49	0.593
#2	Claim #8	3.45	0.739
#3	Claim #8	3.26	0.847
Outcrop	Claim #8	3.17	0.769
#2	Claim #8	2.07	0.493
#3	Claim #8	2.13	0.397

NOTE:

Concentration of all samples by panning showed the gold to be in a free state, metallic form, which would be easily gravity concentrated.

*Gene B. Stowe*



# J. B. LABORATORY

Specialists In Precious Metal Recovery

2702 S. 45TH ST. PHOENIX, AZ 85034 (602) 966-8103

PROJECT Las Felice Sulfide

PP \_\_\_\_\_

SAMPLE #	DATE	PROCESS TO RUN	WT TO USE	CON WT	DOR'E WT	DRILL WT	VOL ML
2	1/2/87	Acid Digestion DCP Analysis	5 g.				250

ELEMENT	PPM	OZ PER TON HD ORE	OZ PER TON CON	OZ PER TON DOR'E	VALUES
Gold		.81			
<u>mium</u>		3.34			
Platinum		.95			
Silver		1.97			
Palladium		.13			
Iridium		1.40			
Ruthenium		.52			
Rhodium		.42			

## COMMENTS

Please note: This report is prepared for and distribution is limited to the party specified above. J.B. Laboratory reserving the authorization right for publication of this report pending our written approval. This is for the protection of our clients, ourselves, and the public.



# J. B. LABORATORY

*Specialists In Precious Metal Recovery*

2702 S. 45TH ST. PHOENIX, AZ 85034 (602) 988-8103

PROJECT Las Felice Oxide

PP \_\_\_\_\_

SAMPLE #	DATE	PROCESS TO RUN			WT TO USE	CON WT	DOR'E WT	DRILL WT	VOL ML
1	12/23/86	Acid Digestion - DCP			5gm				250
ELEMENT	PPM	OZ PER TON HD ORE	OZ PER TON CON	OZ PER TON DOR'E	VALUES				
Gold		.76							
Osmium		5.37							
Platinum		1.44							
Silver		.84							
Palladium		.15							
Iridium		2.01							
Ruthenium		.46							
Rhodium		.49							

## COMMENTS

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# A.S.T. LABORATORIES, INC.

- ATOMIC SPECTROSCOPY & TESTING, -

7730 E. REDFIELD RD. • SUITE # 4 • SCOTTSDALE, AZ 85260 • (602) 948-6907

## CERTIFIED TEST REPORT

3247

DATE: Sept. 22, 1982

HEAT NO:

CUSTOMER: A. PROHOROFF

PART NO:

YOUR P.O.: Verbal

S/N:

JOB NO:

SPECIFICATION:

MATERIAL: Ore (ground)

Metallography

Hardness

Chemistry

Lead was used as a collector of Noble Metals

(Analysis of Pb-Button)

			oz/t
Ag	<5	<	.145 oz/t
Au	8	→	.23
Pd	4	→	.12
Pt	12	→	.35
Ir	281	→	8.1
Os	421	→	12.2
Rh	250	→	7.3
Ru	>1000	→	29.0

Other elements:  
Cb, Ta, Co, Cr  
Mg, Mn, Mo, Ni  
Ti, W.

All values in ppm for 1 assay ton

The elements shown are in the values indicated and are present in the sample in an uncombined state, or in physical combination with other material; or in a chemical compound with elements. Such elements may or may not be recoverable in the quantities indicated.

Respectfully submitted

A.S.T. LABORATORIES, INC.

LOS FELICE

# A.S.T. LABORATORIES, INC.

— ATOMIC SPECTROSCOPY & TESTING —

7730 E. REDFIELD RD. • SUITE # 4 • SCOTTSDALE, AZ 85260 • (602) 948-6907

## CERTIFIED TEST REPORT

2446

DATE: August 27, 1981

HEAT NO:

CUSTOMER: ALEX PROHOROFF

PART NO:

YOUR P.O.: Verbal

S/N:

JOB NO: Los Pinos

SPECIFICATION:

MATERIAL: Ore

Metallography

Hardness

Chemistry  
Semi-quant

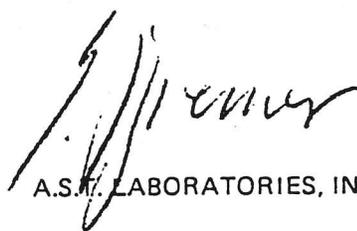
Ag	.003 - .01%	1.8 oz./ton Ag (based on .005%)
Al	3. - 10.%	
Au	.005 - .03%	3.5 oz./ton Au (based on .01%)
Co	.03 - .1%	
Cr	.005 - .03%	
Cu	.1 - .5%	
Ni	.005 - .03%	
Pd	*	
Pt	*	
Sb	*	

\* less than .001% or not detected

Elements listed are either in the metallic or oxide state.

Heath and Surprise Zone

Respectfully submitted

  
A.S.T. LABORATORIES, INC.

# A.S.T. LABORATORIES, INC.

— ATOMIC SPECTROSCOPY & TESTING —

7730 E. REDFIELD RD. • SUITE #4 • SCOTTSDALE, AZ 85260 • (602) 948-6907

## CERTIFIED TEST REPORT

2502

DATE: September 17, 1981

HEAT NO:

CUSTOMER: A. PROHOROFF

PART NO: # 1 North (Yellow)

YOUR P.O.: Verbal

S/N:

JOB NO: CHANCE - SURPRISE

SPECIFICATION:

MATERIAL: Ore

Metallography

Hardness

Chemistry

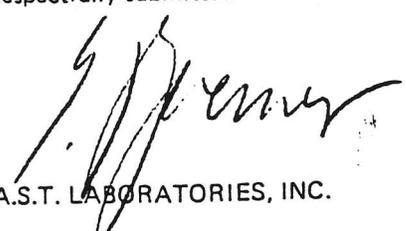
Semi-quant

Ag	.0005 - .003%	.4 oz./ton Ag (based on .001%)
Au	.0005 - .003%	.4 oz./ton Au (based on .001%)
Pt	*	
Pd	*	
Co	.003 - .01%	
Cu	.005 - .03%	
Fe	1. - 5%	
Ni	.003 - .01%	
Pb	.005 - .03%	
Zn	*	

\* less than .001% or not detected

Elements listed are either in the metallic or oxide state.

Respectfully submitted

  
A.S.T. LABORATORIES, INC.

Austin Redd  
8814 W. Mulberry  
Phoenix, Ariz. 85037

March 8, 1986

Ernie Theiss  
Gold Extractions, Inc.  
3345 W. Evan Drive  
Phoenix, Ariz. 85023

Dear Ernie:

Here is some information on the tests we run on the Chance/Surprise claims located in Yavapai county, Arizona, near Black Canyon City. These are claims belonging to Alex Prohoroff.

These test were run with a leach method, not by firing. They were done on the sulfides located on the north of the claims.

We have ran a number of tests by firing and have had unsatisfactory results. By doing the leaching method we were able to come up with the following results.

From a 90 gm. sample we recovered a 4 mg bead (attached)

From a 1 lb. sample we recovered a 30 mg bead (parted) it is also attached. This shows at least 1 oz/ton, au/ptm.

I feel that the ore carries more values then this but, more test need to be run.

However these test show great possibilities and proves that the ore is more then commercial ore.

I will be running some more test in the future.

If there are any questions, please contact me.

Sincerely;

  
Austin Redd

## SURPRISE MINING VENTURE

To develop the program we feel is necessary to expeditiously process the now known reserves in a 20 years time period, it will be done in the following phases:

### Phase I - 1st to 3rd Years

1. Start construction of the 50 ton per day mill to process the selected high grade ore. Construction time will be 4 months.

2. During this construction, mining on the high grade vein, will be started in several places, probably at five hundred feet intervals. Selective mining of high grade ore will be maintained by on-site lab analysis of vein structure each day. The engineers planning each day's work will know if the high grade is on the hanging wall, foot wall or across the whole vein.

3. The material that assays less than 0.70 ounces Au per ton will be considered low grade and will be held in reserve for processing when the larger mill in Phase 3 is completed.

4. Materials across the main deposit (see Vertical Cross Section Drawing #3) 200 to 300 feet wide will be mined and tested in Phase I, to determine the size of leach pads we will need to construct in Phase II.

### Phase II, 4th to 6th Year

1. Construct 3 thirty thousand (30,000) tons per month leach pads to process ore from 0.035 to 0.09 ounces of Gold per ton. With the average recovery of 0.055 ounces per ton. At \$450.00 per ounce this will return \$24.75 per ton, or take 18.18 tons to make an ounce of Gold. Based on other operations throughout the United States we can produce this ounce of Gold for a cost of \$280.00 per ounce or a profit of \$170.00 per ounce.

2. This mainstructure has been tested to a depth of 100 feet before refractory ore replaces the oxides. 6000 x 200 = 1,200,000 X 100 deep = 120,000,000 cu. ft. + 16 cu. ft. per ton 7.5 million tons. At 18.18 tons to make an ounce, this block of ore equals 412,541 ounces of Gold. This will take about 100 months or about 9 years to reduce this mountain of low grade ore to a profit of \$70,131,970 dollars.

3. Employment for this size operation will require 250 people.

Phase III, 5th to 7th Years

1. After Phase II has been well started and operating smoothly we will start the 1,000 ton per day mill to process the ore in the value range of 0.1 to 0.69 with an overall average of 0.30.

2. Construction of this mill will take 18 months to two years. However, the fifty (50) ton per day mill in Phase I will still be operating producing 35 ounces of Gold per day or at \$450.00 per ounce \$15,750 per day.

3. In the 7 years it will have operated when the mill starts up, it will have produced 83,300 ounces of Gold, and still have 8 more years of reserves to go, or 95,200 more ounces still to do.

4. Its total production at \$450.00 will amount to \$80,325,000 over the 15 years. The 1,000 ton per day additional 1,530,000 ounces of Gold also at \$450.00 will be \$688,500,000.

5. In the three phase operations the reserves in Gold is conservatively as follows:

Phase I	-	178,500
Phase II	-	412,541
Phase III	-	<u>1,530,000</u>
		2,121,041 ounces

This is \$954,468,450.00 and future drilling will no doubt uncover reserves of more than twice this amount in refractory ore which lies under the oxide zone.

6. The prices quoted here are April, 1988 prices and it has been projected throughout that Gold is at \$450 dollars. It is assumed that as prices of Gold increase so will equipment costs increase likewise.

7. No projection has been made on the Silver content of the ore. In most areas tested, the Silver will more than pay the overhead of the entire operation.

A handwritten signature in cursive script, appearing to read "Gene B. Stowe", is written over a horizontal line.

Gene B. Stowe

	Phase I											
	1	2	3	4	5	6	7	8	9	10	11	12
Land Acquisition	250,000	0	0	0	0	0	0	0	0	0	0	0
Mining Equipment & Development	400,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Mining Equipment & Construction	200,000	50,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Phoenix Office Cost	20,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Sale of Precious Metals	0	0	0	0	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Ounces Produced	0	0	0	0	980	980	980	980	980	980	980	980
Total Production Accumulated	0	0	0	0	980	1,960	2,940	3,920	4,900	5,880	6,860	7,840
Total Sales at 10% 11 under spot	0	0	0	0	396,900	793,800	1,190,700	1,587,600	1,984,500	2,381,400	2,778,300	3,175,200
Total Cost Accumulated	870,000	1,035,000	1,300,000	1,465,000	1,630,000	1,795,000	1,960,000	2,125,000	2,290,000	2,455,000	2,620,000	2,785,000
Total Sales Accumulated	0	0	0	0	0	0	0	0	0	0	0	0
Profit Accumulated	0	0	0	0	0	0	0	0	0	0	0	0

Break even  
in 11 months clear  
390,200  
12 months

Phase I

	2nd Year	3rd Year
Land Acquisition	102,000	102,000
Mining Equipment & Development	1,200,000	1,200,000
Mining Equipment & Construction	600,000	600,000
Phoenix Office Cost	180,000	180,000
Sale of Precious Metals	396,900	396,900
Ounces Produced	11,760	11,760
Total Production Accumulated	5,292,000	5,292,000
Total Sales at 10% 11 under spot	2,082,000	2,082,000
Total Cost Accumulated	3,210,000	3,210,000
Total Sales Accumulated	3,210,000 profit 2nd year	3,210,000
Profit Accumulated	3,600,200 profit in 2 years	6,810,000 profit in 3 years



	<u>Phase II</u>									
	13	14	15	16	17	18	24	36	48	60
Mining Equipment & Development	475,290	475,290	475,290	475,290	475,290	475,290	2,851,740	5,703,480	5,703,480	5,703,480
Heap Leaching Pads Recovery System	899,846	899,846	899,846	899,846	899,846	899,846	5,399,076	10,798,152	10,798,152	10,798,152
Land Acquisition, Pads & Disposal Site	0	0	0	0	0	0	0	0	0	0
Phoenix Office Engineering Staff	75,000	75,000	75,000	75,000	75,000	75,000	450,000	900,000	900,000	900,000
Ounces Produced	5,000	5,000	5,000	5,000	5,000	5,000	30,000	60,000	60,000	60,000
Production Accumulated	54,000	59,000	64,000	69,000	74,000	79,000	109,000	169,000	229,000	289,000
Sales at 10% under spot	2,025,000	2,025,000	2,025,000	2,025,000	2,025,000	2,025,000	12,150,000	24,300,000	24,300,000	24,300,000
Total Cost Accumulated	21,925,410	23,375,546	24,825,682	26,275,818	27,725,954	29,176,090	37,876,906	55,278,538	72,679,632	90,081,264
Total Sales Accumulated	21,870,000	23,895,000	25,920,000	27,945,000	29,970,000	31,995,000	44,145,000	68,445,000	92,745,000	117,045,000
Profit Accumulated	0	519,000	1,094,318	1,669,182	2,244,046	2,818,910	6,268,094	13,166,462	20,065,368	26,963,736



Phase III

	13	14	15	16	17	18	24	36	48	60
Mine Development & Operation	270,320	270,320	270,320	270,320	270,320	270,320	1,351,600	3,243,840	3,243,840	3,243,840
Mill Equipment, Construction & Operation	657,180	657,180	657,180	657,180	657,180	657,180	3,285,900	7,886,160	7,886,160	7,886,160
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Phoenix Office Management & Engineering	100,000	100,000	100,000	100,000	100,000	100,000	500,000	1,200,000	1,200,000	1,200,000
Ounces Produced	5,000	10,000	10,000	10,000	10,000	10,000	50,000	120,000	120,000	120,000
Production Accumulated	8,500	18,500	28,500	38,500	48,500	58,500	118,500	238,500	358,500	478,500
Sales at 10% under spot	2,025,000	4,050,000	4,050,000	4,050,000	4,050,000	4,050,000	20,250,000	48,600,000	48,600,000	48,600,000
Cost Accumulated	16,970,000	17,997,500	19,025,000	20,052,500	21,080,000	22,107,500	28,273,000	40,603,000	52,933,000	65,263,000
Sales Accumulated	3,442,500	7,492,500	11,542,500	15,592,500	19,642,500	23,692,500	47,992,500	96,592,500	145,589,500	194,189,500
Profit Accumulated	0	0	0	0	0	1,585,000	19,719,500	55,989,500	92,656,500	128,926,500

FUNDING REQUIREMENTS

Phase I                   \$ 1,465,000

Phase II                   4,366,276

Phase III                   4,638,724  
\$10,470,000

To start all phases simultaneously will require a larger upfront investment, however the pay back will not be delayed as long.

BRIEF SUMMARY

ON

(1)  
LOS FELICE GOLD MINE:

(2)  
IRON-MANGANESE DEPOSIT:

(3)  
Gossan Copper Group: (file)

(4)  
Silver Slope Property: (file)

(Black Canyon Mining District, Yavapai County, Arizona)

Los Felice Gold Mine:

Consists of 10 unpatented mining claims: Water-right in the Turkey Creek which crosses it: Situated 1-mile East of Cleator, on the Black Canyon-Crown King highway which, crosses it at its center: Shipping point, Blue Bell siding 12-miles to the North on the branch of the Santa Fe Ry. reached over good highways: Total development, 1,500 feet: Deepest shaft 482 feet, double compartment, 40 degrees incline: Other workings consist of drifts, upraises, tunnels, etc: All workings being in vein and ore.

Vein and Ore:

The Los Felice gold vein is 2 feet to 6 feet wide, an average of 4 feet 4 inches in width or thickness, trending North-South and dipping 40 degrees to the East. The entire vein is ore between the two tough, smooth walls. While the ore and vein is very easy to mine, and one man can easily break-down 50 tons per shift, and requires but minimum of timbering. High grade ores being generally along the foot wall, at times in both walls, and at some points the entire vein becomes high grade that runs from \$20, to above \$200, in gold, per ton, and some in silver and lead. The vein traverses in center of a 4 miles wide belt of Yavapai Schist, a rock of pre-Cambrian origin between two great Batholithic (granite) intrusions, Bradshaw Mountains granite being 2 miles to the West and the Antelope Hills granite 2 miles to the East. The schist-belt itself contains many smaller intrusive igneous dykes such as diorite, diabase, porphyry and some rhyolite. All of which, as well as all other formations the vein cuts it in its path - on its dip.

Mine Ready For Mill & Production:

Ore blocked out and ready for extraction: -----	30,000 tons.
Minimum tonnage before mine's exhaustion. -----	1,000,000 "
Minimum gross value per ton, in gold: -----	\$10.00
Maximum cost per ton, mining, milling, marketing: -----	3.00
Minimum total profit at mine's exhaustion: \$7,000,000.	

Inviting thorough Investigation: - St. John Gold & Copper Co. (Owner)  
John Slak, Pres. Cleator, Arizona  
June 20, 1945

*John Slak*  
Mining Engineer

Iron-Manganese Deposit:

Being on the same property, vertical structure, 100 feet wide, 6,500 feet long; 10,000,000 tons ready to be quarried; averaging 35% iron, 6% in manganese, (richer in deep cross gulches.) Same owners.

Gossan Copper Group:

Consists of 10 unpatented mining claims, (200 acres) or a patch of highly mineralized ground 1,200 feet wide and 7,500 feet long; over which, lengthwise traverses a copper vein (or deposit) 60 feet to 100 feet wide. Strongly leached. Yet throughout which copper stains (carbonate) native copper, copper oxides and some chalcocite can be observed. While in a 50 feet deep shaft chalcopyrites are commencing to appear at its bottom; and on surface, near its collar, in a 20 feet long cross-trench, assays show as 4.55% in copper, per ton.

The deposit trends North-South; Dipping 80 degrees West; Situated 3 miles East of Cleator and near the "Y" of the Black Canyon-Crown King highway; Private roads over the property; Two inch water pipe line; Phone line; Electric power line at its South end; Permanent water level is expected at about 200 feet depth; Elevation, about 3,100 feet above sea level. Shipping point, Blue Bell siding, 10 miles to the North.

Development consists of vertical shafts, each 50 feet deep; 2 of these shafts are in good condition, while the other two are in bad shape. In 3 of these shafts the material is about the same as that on the surface. While in 4th is changing into sulphides. In addition to these 4 shafts are countless shallow holes, open cuts and scratches throughout the deposit.

Rock formation being pre-Cambrian, Yavapai schist, with prominent diorite dykes running parallel to - or with the deposit; 3,000 feet to the East is the Antelope Hills granite.

On the whole. It is a highly attractive copper prospect. And could be demonstrated and determined quickly and cheaply, say with 3 diamond drill holes, set at certain desirable angles, and about 500 feet deep each.

It fully justifies investigation by anyone interested in copper mining.

Slaks Family, (owners)  
John Slak, Agent,  
Cleator, Arizona

---

Silver Slope Property:

A highly attractive property, and once producer of 300 to 500 ounces of silver ore, per ton, by its original owner during 1900, and up to 1908, until he got too old to work. Then he sold it to people who knew nothing about mining; and the property has not been worked since except, surface scratches as assessment work. It consists of 3 claims adjoining one another endwise, over which runs a quartz vein, 2 feet to 20 feet wide and 4,500 feet long; trending North-South, dipping 80 degrees West. In addition to silver, the vein carries lead, copper and gold.

On one of the claims is a 150 feet incline shaft on the vein, from which high grade silver ores have been shipped in the long past. The shaft needs to be repaired, and when this is done, the property would again produce. Situated, 3½ miles South from the Gossan Copper Group.

John Slak, Agent,  
Cleator, Arizona





112-114 E, FRANKLIN ST.

PHONE M. 1151

# M. A. RANDALL

ASSAYER AND CHEMIST

EL PASO, TEXAS, Nov. 31, 1933

## ASSAY CERTIFICATE

FOR..... El Paso Smelting Works.....

MARKED... Mr. John Slak, Cleator, Ariz.....

My No.		Gold Ozs. per ton	Silver Ozs. per ton	Lead %	Copper %	Insol. %	Iron %	Lime %	Zinc %	Sulphur %	Approximate value per ton
27-C	641-LF	1.49	2.0	3.5							

CHARGES \_\_\_\_\_

*M. A. Randall*  
ASSAYER















AMERICAN SMELTING & REFINING CO.

HAYDEN PLANT

ASSAY CERTIFICATE

*Hand sample*

DATE ASSAYED

1932

MARKED

*P. K. Knowlton Phoenix, Ariz*

LOT NO.	GOLD OUNCES PER TON	SILVER OUNCES PER TON	LEAD		CU. %	INS. %	SiO <sub>2</sub> %	FE %	MN. %	CAO. TOTAL %	CAO. AVAIL %	ZN. %	SUL. %	AL <sub>2</sub> O <sub>3</sub> %	Sb, Bi
			FIRE %	WET %											
	0.80	0.28			0.5		50.0	20.0						38	
(I, the undersigned, have personally taken the above one sample on the Los Felice Claim No.1. in an open cut for a distance of 18 ft. across the vein. Anything that looked like high grade I have discarded.)															
<i>Roy Knowlton</i> R. Knowlton															

AMERICAN SMELTING & REFINING CO.

By

Assayer

Chemist

**AMERICAN SMELTING & REFINING COMPANY**  
— EL PASO SMELTING WORKS —  
EL PASO, TEXAS

BRENT N. RICKARD, MANAGER

March 1, 1932.

Mr. Roy Knowlton,  
747 Grand Avenue,  
Phoenix, Arizona.

Dear Sir:

Your inquiry regarding ore shipments has been referred to our ore buyer for the Hayden and El Paso plants, Mr. Howard H. Fields. Mr. Fields is at present out of the city. I will refer your inquiry to him upon his return.

In the meantime I might advise you that ore containing .80 ozs. gold should be worth approximately \$8.50 after paying freight and smelting charges.

I would suggest that you send a trial shipment to Hayden where we will give you the very best smelting return possible.

Yours truly,



BRENT N. RICKARD.

W. J. Lewis Gold T. H.  
Accepted D.

1st Balance 14--20  
on 1st Pass

and returning 9/22 18--  
20 on 1st Pass.

Total 32 Cars

@ 2500# = 40 Tons

384

1.09

Spills per ton

Spills per ton 4.93



ASSAY OFFICE LOCATION  
 FROM PHOENIX  
 DUE NORTH 6 MILES OUT 7TH ST.  
 FROM GLENDALE  
 DUE EAST 7 MILES ON GLENDALE AVE

# ASSAY CERTIFICATE

MAIL ORDER ADDRESS  
 R. F. D. No. 6, Box 572  
 PHOENIX, ARIZONA

**JOHN K. FORMAN**

REGISTERED MINING AND METALLURGICAL ENGINEER  
 6601 NORTH 7TH STREET PHONE 9-2229  
 PHOENIX, ARIZONA

January 6th, 1937 193

SAMPLES SUBMITTED BY John Slav

SAMPLE DESCRIPTION	GOLD		SILVER		COPPER		LEAD		TOTAL VALUE PER TON OF 2000 LBS.
	OZS.	H'DR'THS	OUNCES	TENTHS	PER CENT	PER CENT	PER CENT		
#5 S. L. F. at 84ft.	0.46		0.5						\$16.48

*Handwritten:* Paid \$1.00  
 J. K. Forman

H. C. SMOOT  
CHEMIST AND ASSAYER  
REGISTRATION NO. 480

# CUSTOM ASSAY OFFICE

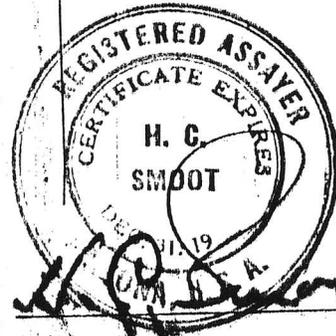
## Assay Certificate



For John Blak, Cordes, Arizona.

Prescott, Arizona, 12-2-20

DESCRIPTION	GOLD PER TON		SILVER PER TON		GOLD AND SILVER VALUE	OTHER METALS	
	OZS. TROY	VALUE	OZS. TROY	VALUE		PER CENT	VALUE
Sample # 2	.20	\$ 7.00	Trace	\$	\$		\$
3	.16	5.60	"				
4	.24	8.60	"				



MARKET VALUES

GOLD PER OZ.	SILVER PER OZ.	COPPER PER LB.	LEAD PER LB.	ZINC PER LB.
25.00	.77	.	.	.

Charges \$

Paid

AMERICAN SMELTING & REFINING CO.

HAYDEN PLANT

ASSAY CERTIFICATE

DATE ASSAYED

9/1

1932

MARKED

Handsample.  
St John's Gold & Copper - Cordoba, Ariz.

LOT NO.	GOLD OUNCES PER TON	SILVER OUNCES PER TON	LEAD		CU. %	INS. %	SIO <sub>2</sub> %	FE %	MN. %	CAO. TOTAL %	NI %	ZN. %	SUL. %	AL <sub>2</sub> O <sub>3</sub> %	SBI BI
			FIRE %	WET %											
	0.31	0.29	—	—	—	56.7	54.2	2.33		1.6			—	38	
Average Sample of 50 tons lot 022															

AMERICAN SMELTING & REFINING CO.

By

*[Signature]*

Assayer

Chemist





# C ROUX ASSAY OFFICE

Mayer, Arizona... February 22, 1938...

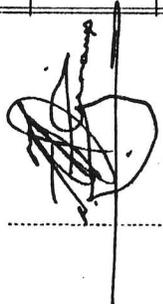
This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
I84I6	Grab Sample Car #83I84 A.T. & S.F.	0.70	0.84					23.04

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

---

Charges \$5.00



Assayer.

# G. ROUX ASSAY OFFICE

Mayer, Arizona March 28,....., 1938

This is to certify that the sample assayed for Mr. W. R. Whitshurst, Mayer, Arizona,.....  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
18648	Control; Lot I55/I-3/4/38 A.S. & R., El Paso.	0.65	0.75					

Gold @..... Per Oz.  
 Silver @..... Per Oz.  
 Copper @..... Per Unit  
 Lead @..... Per Unit

Charges... **\$5.00** Paid



Assayer.

# GILLOUX ASSAY OFFICE

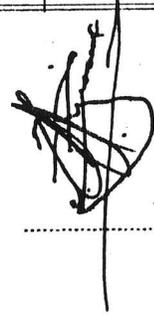
Mayer, Arizona December 31, X, 1937

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
I7793	A: 425-W5--Au-Ag-	0.21	0.59					7.80
I7794	B: 425-WI-- "	0.72	0.93					25.91

Gold @ \$35.00 Per Oz.  
 Silver @ 77¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

Charges \$2.50 - *2.05*



Assayer.

# G. ROUX ASSAY OFFICE

Mayer, Arizona, March 17, 1938

This is to certify that the sample assayed for Mr. John Blak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
I8577	"Special"	0.14	0.18					4.61

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

Charges \$1.25



Assayer.

# G. ROUX ASSAY OFFICE

Mayer, Arizona May 17, 1938

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC	IRON %	VALUE \$
I9054	<i>Representing 6 ton-pile of ore from Stope, Upper Tunnel.</i> I Lb Ore Sample	1.94	3.56					64.66

Gold @ \$32.20 Per Oz.  
 Silver @ .62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

Chg \$1.25



Assayer.

Samples from Los Felice Mine

1-	High grade streak upper vein	Au.	2.36	Ag.	3.98
2	Face upper tunnel	"	.02		.30
3	78" shaft 100' above bottom		.09		.30
4	60" cut 100 feet in south drift-shaft		.04		.30
5	48" " Face south drift		.02		.30
6	48" " face trench north of blacksmith shop		.07		.30
7	Large sample of rejects from trenching		.02		.30
8	4 ft. vein matter over portal lower tunnel on east side of dike.				. Trace.

25, 23-35

MILLS - U.V.X.

# GILJUX ASSAY OFFICE

Mayer, Arizona June 23, 1938

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
I96I2	#1-Lower Stope	0.60	0.20					19.32
I96I3	#2- " " " "	0.11	0.09					3.59
I96I4	#3-Vein Matter-Stope Upper	0.08	0.02					2.58

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit  
 Charges \$3.75



Assayer.

# GIROUX ASSAY OFFICE

Mayer, Arizona June 12, 1938

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
I9403	Grab Sample Of 7 Tons Ore-Loaded In Car A.T.& S.F.#I20954	1.60	2.60					53.11

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

Charges \$3.00



Assayer.

Liquidation

Smelter settlement for Lot #2081, shipped 6/17/38		\$181.19
Less Trucking 6.78 tons @ \$3.50	\$23.73	
1 box Powder	7.50	
100 ft. fuse	<u>.75</u>	
	\$31.98	<u>31.98</u>
Balance paid in Cash 7/2/38		<u>\$149.21.</u>

Received Payment

*John A. ...*

ASSAY OFFICE LOCATION  
 FROM PHOENIX  
 DUE NORTH 6 MILES OUT 7TH ST.  
 FROM GLENDALE  
 DUE EAST 7 MILES ON GLENDALE  
 AVENUE

# ASSAY CERTIFICATE

MAIL ORDER ADDRESS  
 R. F. D. No. 6, Box 572  
 PHOENIX, ARIZONA

**JOHN K. FORMAN**

REGISTERED MINING AND METALLURGICAL ENGINEER  
 6601 NORTH 7TH STREET PHONE 9-2229

SAMPLES SUBMITTED BY

John Blat

PHOENIX, ARIZONA July 27, 1938 193

SAMPLE DESCRIPTION	GOLD		VALUE PER TON 2000 LBS. AT \$35 OZ.	SILVER		VALUE PER TON 2000 LBS. AT C OZ.	COPPER		VALUE PER TON 2000 LBS. AT C LB.	LEAD		VALUE PER TON 2000 LBS. AT C LB.	TOTAL VALUE PER TON OF 2000 LBS.
	OZS.	H'DR'THS		OUNCES	TENTHS		PER CENT	AT		PER CENT	AT		
No tag sample	0.02		70¢										
This material is largely arsenopyrites- there is no Tellurium present in sample.													

ABOVE ASSAYS ARE GUARANTEED TO BE ACCURATE

*John K. Forman*  
 ASSAYER

# GIROUX ASSAY OFFICE

Mayer, Arizona November 4, 1932

COPY.

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
20962	Sample Marked A	0.18	0.87					6.33
20963	" " B	0.10	0.25					3.37

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit  
 Charges \$2.50



Assayer.

# GIROUX ASSAY OFFICE

Mayer, Arizona... January 17, ... 1939

This is to certify that the sample assayed for Mr. John Slak, St. John Gold & Copper Co., Cordes, Ariz., gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
21781	No Mark	0.60	1.00					19.94
<i>AV. 8 1/2 TONS-PILE, UPPER TUNNEL, SHIPPED TO PRESCOTT PLANT FEB. 16, 1939.</i>								

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ ..... Per Unit  
 Lead @ ..... Per Unit

Charges \$1.25

*[Handwritten Signature]*

Assayer

# GIROUX ASSAY OFFICE

Mayer, Arizona, February 16, 1939

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
22054	"Special"	0.04	0.36					I.50
	<i>"Silica Rock"</i>							
	<i>(Surface)</i>							

Gold @ \$32.20 Per Oz.  
 Silver @ 62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit  
 Charges \$1.25

*[Handwritten Signature]*

Assayer.

# GIROUX ASSAY OFFICE

Mayer, Arizona February 7, 1939

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
22007	(D)W 4½'-I40' T.F.	0.18	0.22					5.92
22008	(E)W 5'-3I0' L-I20'Drift	0.20	0.30					6.62
22009	(F)BC-Sur	0.06	0.14					2.02
22010	(G)OC--Sur-HG	3.02	4.58					100.08

Gold @ \$32.20 Per Oz.  
 Silver @ .62¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

Charges \$5.00



Assayer.

# GIRJUX ASSAY OFFICE

Mayer, Arizona ..... 31, ..... 1940

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
29142	I Composite-I60 X W. Vert Struct	0.03	0.47					1.28

Gold @ \$32.20 Per Oz.  
 Silver @ 69¢ Per Oz.  
 Copper @ Per Unit  
 Lead @ Per Unit

Charges \$1.25 Paid



Assayer.

# GIROUX ASSAY OFFICE

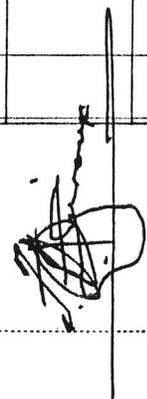
Mayer, Arizona..... July 19,..... 193 9.

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
23639	Sample Special For Au-Ag	0.02	0.28					0.83
23640	" Extra " " "	0.03	0.63					1.39

Gold @ \$32.20..... Per Oz.  
 Silver @ .69..... Per Oz.  
 Copper @..... Per Unit  
 Lead @..... Per Unit

Charges \$2.50.....



Assayer.

# GIROUX ASSAY OFFICE

Mayer, Arizona..... **July 31,**..... 193**40**

This is to certify that the sample assayed for Mr. John Slak, Cordes, Arizona,  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	GOLD OZ.	SILVER OZ.	COPPER %	LEAD %	ZINC %	IRON %	VALUE \$
29142	I Composite-I60 X W. Vert Struet	0.03	0.47					1.28

Gold @ **\$32.20** Per Oz.  
 Silver @ **69¢** Per Oz.  
 Copper @ ..... Per Unit  
 Lead @ ..... Per Unit

Charges **\$1.25** Paid



Assayer.

# GIROUX ASSAY OFFICE

Mayer, Arizona.....April 23,....., 1942

This is to certify that the sample assayed for.....Mr. John Slak, Cordes, Arizona,.....  
gave the following results per ton of 2000 pounds.

NO.	DESCRIPTION	<del>IRON</del> Manganese %	<del>SILICA</del> Silica %	<del>LEAD</del>	<del>COPPER</del> IRON %	VALUE \$
36379	Sample # "A"	10.91	38.50			38.88
36380	" # "B"	9.72	48.00			24.60
36381	" # "C"	9.78	30.00			26.92
		<div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">                     3   30.41                      10.19 average                 </div>				

Gold @.....Per Oz.  
 Silver @.....Per Oz.  
 Copper @.....Per Unit  
 Lead @.....Per Unit

Charges \$16.50.....



.....  
ASSAYER.

**GIROUX ASSAY OFFICE**

MAYER, ARIZONA

May 1, 1942

St. John Gold & Copper Co.,

Mr. John Slak, Mgr., Cordes, Ariz., Dr.,

To: F.W. Giroux

---

April 21, 1942-To 3 Iron-Manganese-Silica Determinations-\$16.50

Received Payment:

 - 5/14/42





Cordes, Arizona  
Sept. 15, 1947

MEMO:

For John Slak, Mgr.  
St. John Gold & Copper Co.  
Cordes, Arizona

Dear John:

The 40 tons of mill grade ore you  
have sent down to be milled for you on the  
8th inst. shows the following results:

Gross value per ton:	-----	\$11.65
Net	" " " : -----	\$ 9.95

Yours truly,

C. H. Mitchell, Mgr.  
Golden Turkey Mining Co.



No. 510 S1

Phoenix, Arizona

July 16, 1947.

CHAS. A. DIEHL

# ARIZONA ASSAY OFFICE

Phone 3-4001

Mail: P. O. Box 1148

815 North First Street

THIS CERTIFIES That samples submitted for assay by

Mr. John Slak.

contain as follows per ton of 2000 lbs. Av

S. End Lancelot claim.	SILVER		VALUE 90 1/2	GOLD		VALUE 92 1/2	TOTAL VALUE 90 Gold & Silver	%	PERCENTAGE			REMA
	Ounces	Tenths		Ounces	Endths				COPPER			
Open Cut 3" streak	4	1	\$3.71	2.26		\$79.10	\$82.81	.35				
Ore dump				.15		\$5.25						
Across bottom				.06		\$2.10						

Charges \$ 4.00 Paid

Assayer ARIZONA ASSAY OFFICE

Nov. 4, 1938.

2 - assays were taken in upper New tunnel.

A. No.20962. Face at 121' - W.-4'4" Average  
value: ----- \$6.33

B. No.20963. X-Side of vein at 100' W.4'4"  
average value:----- \$3.2  
3.37

-----  
Jan. 17, 1939.

1 - assay, No.21781. "8-ton-pile of ore"  
mined at 140' in new tunnel (in stope)  
average value: ----- \$19.94

-----  
Feb. 7, 1939.

Assays No.22007. Taken at the face of new 140'  
tunnel across 4½ ft. wide vein. Value: \$5.92  
per ton.

Assays. No.22008. Taken in drift 121ft. from  
shaft at 310 ft. level, across 5 ft. wide vein,  
average value:----- \$6.62 per  
ton.

Assays No.22009. Taken on surface, silica,  
\$2.02 per ton.

Assays No.22010. Taken in new open cut on surface.  
~~blind~~(blind vein) Value: \$100.08 per ton.

Feb. 21, 1938.

Assays No. 18404 "Special"

Los Felice Claim.

Large masses of High Grade Vein outcroppings,  
consisting of Calcareous Froth more or less  
iron stained. (A sort of conglomerate)

Au. 0.12 Oz. Ag. 0.48

A splendid milling-cyaniding material.

-----  
Mar. 17, 1938.

Assays No. 18577 "Special"

Los Felice Claim.

In upper new tunnel, 10' from portal.

1½' Wide, "Flour-Fine, Yellow Oxide."

Au. 0.14 Oz. Ag. .18 Oz.

A splendid milling-cyaniding material.

-----  
May 17, 1938.

June 12, 1938.

Assays No. 19054 ---- 7 tons, upper stpe \$64.66

Assays No. 19403 ---- same ore ----- \$53.11

(Funny)

July 27-38. "NO Tag Sample" Taken at 65' in in  
NEW TUNNEL - 2' W. in Foot Wall.

A S S A Y S

INCLINE SHAFT -- LOS FELICE CLAIM No.1.

ORE SAMPLES

(At 60' D: Nov.30/36.)

No.2. - Right Side; From Hanging Wall Downward; 40" W. ----- Gold: \$7.00

No.3. - Center; From Hanging Wall to Foot Wall; 7' 7" Wide.-----Gold: \$5.60

No.4. - Left Side; From Hanging Wall Downward; 40" W. ----- Gold: \$8.60

(At 84' D. 1/1/37.

No.5. - Center; From Hanging Wall Downward;  
40" W. ----- Gold: \$16.10  
Silver: \$00.38  
Total per Ton \$16.48

Feb. 20/37. Shaft down 125' crossed the vertical deposit, hanging & foot wall ores met & dipping stronger, now in shattered formation caused by fault & contact.

Feb. 28, 1937.

Los Felice Shaft No.1. Down 138 ft. Still in "Fault & Contact." Ground Shattered, Twisted and Strongly Broken up, It requires heavy timbering. Though easy drilling and blasting. Vein continues. (NEWT & TITA up for the day.)

Mar. 15, 1937.

Los Felice Shaft No.1. Down 162 Ft. (advancing 24 Ft. during past two weeks.) Evidently we are through the broken, twisted & faulted formation, the roof (hanging wall) being now firm and tough while the vein & ore well defined & in its proper place, "dipping somewhat stronger."

Mar. 31, 1937.

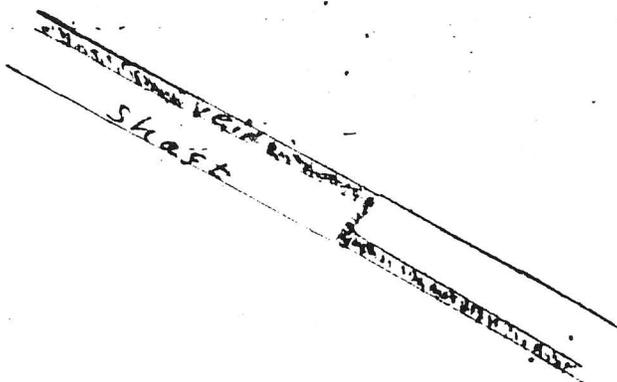
Los Felice Shaft No.1. Down 186 ft. an advance of 24 ft. during past two weeks - or a 48 ft. advance for the month of March. At 167 ft. depth the vein and ore turned sharply downward to a dip of 50° while the hard ore on the foot wall, (it appears) as of dipping even stronger; though the hanging wall continues at 50° dip. The vein and ore at this point being finely crushed, very yellow in color - it pans free-gold, no assays taken. The shaft now reaches the westerly rim of the gulch, 14 ft. more and it will entirely across it then immediately crossing the quartzite dyke, and then the definite condition of vein & ore.

April 16, 1937.

Los Felice Shaft No. 1. Down 202 ft. An advance of 16 ft. since Apl. 1st. - The smallish advance for the two weeks being due to the fact that at 180 ft. depth the vein and ore having pitched sharply downward - from 35° to 50° dip, thus requiring rearrangements of track as well as extra timbering owing to bad & broken ground due to faulting under the gulch.

The face of the shaft now reaches 2 ft. across the gulch, (on the East side of it.) While the formation underground appears to be more firm and thus might not require any further timbering.

NOTE: "SPECIAL." The last round of holes in the face of shaft at above depth, having disclosed: "a 7 ft. vertical fault." Or in other words, vein and ore heretofore was in the roof of shaft or in hanging wall - while now it is at the foot of shaft or in its hanging wall. (See sketch, below.)



April 30, 1937.

Los Felice incline shaft No.1. down 224 ft.  
An advance of 22 ft. for the two weeks, or  
since April 15th.

- At its bottom some favorable indications  
are noticeable: the hanging wall (which the  
vein - and in which the real gold ore should  
eventually appear) is getting gradually smoo-  
ther and slicker. While the general rock  
formation surrounding the vein is getting  
more strongly mineralized and a great deal  
firmer. Hence I believe that the broken-up  
and faulted conditions are about at an end,  
and thus better days ahead in the near future.

May 15, 1937.

Los Felice Incline Shaft No.1. Down 247 ft.  
An advance of 23 ft. for the two weeks, or  
since April 30th. Being now through and ac-  
ross the quartzite dyke, in firm ground, it  
requires no timbering. While the vein is get-  
ting larger and larger, and the ores better  
and better. It appears to be richer along the  
foot and hanging walls - while inbetween it  
appears to be an excellent milling product.

Form and Appearance of Vein and Ore at  
the present time:



May 31, 1937.

Los Felice Incline Shaft No.1. Down 270 ft.  
An advance of 23 ft. since May 15; - The ore  
at that point is 2 ft. wide on the north side  
and 4 ft. wide on the south side of the shaft,  
and it looks very good, and the <sup>same</sup> appears between  
two very smooth, slick and shiny walls.

At this depth, tomorrow, June 1, we will  
start a short drift south and from which  
an upraise will be driven up to the surface.

This upraise is needed for the AIR, it will  
serve as an additional outlet for the men,  
and at the same time will determine whether  
or not we have overlooked anything worthwhile  
above it. (that is, between the shaft and the  
surface.)

UPPER WORKINGS. LOS FELICE CLAIM: Road to  
that point being finished, likewise the  
~~###~~ excavation for placement of equipment  
at 30 ft. deep incline shaft. - Now, the  
collar of this shaft will be timbered and  
put in proper shape for sinking.

June 15, 1937.

Los Felice Incline Shaft No.1. At 270' level:  
Drift on ore South, ----- 12 ft.  
Upraise (from said drift) ----- 47 1/2 "

Drift, on ore North, 125' level, ----- 15 "

Total; for the two weeks, ----- 74 1/2 "

Upper Workings (Los Felice Claim) Ready for  
shaft timbers & installation of equipment.

June 30, 1937.

Los Felice Incline Shaft No.1. After finishing the 69 ft. raise at 270 ft. level to surface on June 22nd, sinking of the shaft being resumed. Hence the mine work progress for the June 15. - 30, was: Raise, ----- 21½ ft.  
Shaft, ----- 13½ ft.

Total, for the two weeks, ----- 35 ft."

Upper Shaft: Widening of same, and two sets of heavy timber already put in; (three additional sets required there, when this is done, it will be then ready for installation of a small equipment and sinking on high grade ores.

The Los Felice Shaft No.1. as of this date, is 283½ ft. deep. (Now in a minor vertical fault) requires additional timbering though it will be through it shortly. Hence, an additional 17 ft. or so, then drifting at 300 ft. level will be started.

July 15, 1937.

Los Felice Incline Shaft No.1. Down 300 ft. 4 in. - Cut through a 8 ft. quartzite dyke recently, hence, to get a bit farther away from it, will sink 10 or so feet deeper - and then start drifting on vein north. Advance of shaft during July 1, -15, being 16 ft. 9 in.

Drift, at 125 ft. level is now in 20 ft. An advance of 5 ft. during July 1, -15. This work is being carried on by jumps and at odd times only and whenever any one of the crew has a bit of spare time.

Upper Shaft. Is now completely timbered from bottom up to plant's excavation, a distance of 50 ft. All it remains is to trim & clean up a bit, install hoist & so.

July 31, 1937.

Los Felice Incline Shaft No.1. Down 310 ft. At which point a drift was driven on vein 18 ft. long to the north, but at this point the vein sharply turned upward, this because a very tough, crystalline rock being in the Thrust-Fault's path for a clean, uniform break westward. Hence, this drift to the north was being discontinued -- and drifting started on the south side of shaft where, the vein appears somewhat flatter and of greater uniformity; this drift should prove good. And when demonstrated, sinking of shaft will be resumed.

Progress for the 2 weeks: 10 ft. of shaft;  
18 ft. of drift. Total,----- 28 ft.

Upper Shaft, has been widened and properly timbered from top to bottom, 50 ft. deep, and is now ready for intallation of equipment.

Tomorrow, Aug. 1, the two men who have done the upper shaft timbering, will be put in the upper tunnel to work and take out some ore.

---

Aug. 15, 1937.

Los Felice Shaft No.1:- From its 310 ft. level the South Drift being in 30 ft. (which is the total footage for the two weeks) done by 2 men, who also took out about 5 tons of ore at the 125 ft. level during the same period.

This drift will be continued for the time being so as to determine whether or not there will be any change in the character of ores. While at the same time (by jumps and at odd times) more or less of the shipping ore will be mined at the 125 ft. level.

While in the upper tunnel about 4 tons of shipping grade ore was stoped and put on pile. The stoping there will be discontinued owing to the fact that too much of the mill-grade

ores have to be dumped and would have to be rehandled when we once have the mill.

Aug. 31, 1937.

From the bottom of Los Felice shaft No. 1. (at 310 ft. depth) the South Drift is now in 66½ ft. going toward the deep, funnel-like canyon, and to reach under it, we still have to go approximately 200 ft. and where, according to present showings and indications a real bonanza can be quite reasonably expected.

The vein in this drift is gradually getting stronger and the ores within it decidedly richer, consisting of quartz, hematite, sulphide and lead, recognized as carrying good gold values. Though no assays having been taken of this ore as yet, but it will be sampled at an early date.

During these two weeks some shipping ore had been taken out at 125 ft. level, as well. The working crew now consists of 4 men.

Sept. 15, 1937.

South Drift, at 310 ft. level, Los Felice Shaft No. 1. is now in 105½ ft. toward the deep, rattle-snake canyon. The vein in this drift appears to be very strong and persistent, thicker and richer as we are progressing southerly, likewise the high-grade sulphide ore stringers within it are getting larger with every round of holes. On the whole, the present showings in this drift appears highly encouraging: --- Also, during the two weeks just ending we have installed the water tank at the upper place and built a road to it for unloading water into it: --- Stopped about 5 tons of good grade ore at 125 ft. level, and put it on a new pile: --- While on the 8th, inst. the old, mixed-pile of ore was sold to Mr. Mitchell, at \$2.50 net, per ton.

Oct. 1, 1937.

As of this date the "South Drift" at 310 ft. is 140 ft. in length, and for the last 50 ft. the vein of (milling grade material) contains an appreciable amount of high-grade sulphide gold ore. The face of this drift is getting close to the deep canyon and as consequence the drift has started to dip very strongly downward and southward, and therefore we will have to turn sharply to the right or else we would lose it. Anyway, this drift having demonstrated the persistence of the vein and as well the existence of high grade sulphide gold ores; and hence we may start sinking again at any time and as soon as somewhat stronger determination is made in the north drift

(Results for Sept: 73½ ft. advance of the south drift; stoped about 10 tons of good grade shipping ore at 125 ft. level; shipped 40 tons of low grade ore "grossing \$11.40 per ton" to Golden Turkey Mining Co.'s Mill, which netted \$2.50 per ton ----- Total net: \$100.00)

Oct. 15, 1937.

The mine-work results for the 2 weeks, Oct. 1-15-37. was: 10 ft. of south drift; Station-Set-Timbers at 310 ft. level; & 10 ft. of shaft. (The station set timbers required 4 days in putting it in.) Also, some shipping ore was being stoped at 125 ft. level. Thus we have as of this date: Los Felice Shaft No. 1. is down 320 ft; South drift is 150 ft. long; North drift 20 ft. long; And the sinking of the main, Los Felice shaft No. 1. was resumed on Oct. 10th, and the showing therein being very encouraging. - While the 150 ft. long South Drift fully demonstrated the persistence of the vein, and as well as the existence of high grade, sulphide gold ores. Hence, the high advisability to sink the main shaft another 200 ft. down to 500 ft. level. Thence the production.

Nov. 1, 1937.

Los Felice Shaft No.1. down 340 ft.  
An advance of 20 ft. for the 2 weeks just ending.

The vein at the bottom is 4 ft. wide, it appears to be richer, lying on a smooth foot wall, and thin lenses of high grade ore are commencing to appear along both walls and on the whole general showings very encouraging.

Also. 6 tons of high grade shipping gold ore was mined on surface:

-----  
Nov. 15, 1937.

Los Felice Shaft No.1. down 366 ft.  
An advance of 26 ft. for the two weeks just ending. Working 2 men in the shaft and 1 man on the hoist. One shift, only.

While the 4th man worked on surface who mined about 6 tons of shipping ore, (done by sorting.)

-----  
Dec. 1, 1937.

Los Felice Shaft No.1. down 388½ ft. and the bottom (face) looks better than at any time heretofore - high grade ores are getting more and more pronounced, or defined.

Have also mined about 3 tons of shipping ore on surface during the 2 weeks.

Dec. 15, 1937.

As of this date the Los Felice shaft No. 1. reached a depth of 405 ft, 3 in. Or a total progress or advance for the two weeks since Dec. 1, of 16 ft. 9 in. - This seeming small advance for the ~~###~~ 2 weeks being due to two factors: (1) an extremely hard, compact, crystalline yavapai schist rock having been encountered, which is slow drilling, hard and tough breaking; (2) on the first of the month 6-days week was inaugurated, (not working Sundays) - working one shift, 2 men in the shaft, and 2 men on surface.

Further, "high grade gold ore" was struck at 395 ft. depth, the ore continues increasing in quality as well as in quantity and which being now saved.

Also, about 3 tons of shipping ore was mined on surface during the 2 weeks.

---

Jan. 1, 1938.

Double compartment Los Felice shaft No. 1. attained 430 ft. depth, and the ore improvement continues both in size and quality. A gain of 24 ft. 9 in. for the 2 weeks.

Total sinking during 1937,	----	346 ft.
" drifting	"	207 "
" raising	"	69 "
" Footage	-----	622 "

Widened and timbered the upper 50 ft. deep shaft. Built 1,000 ft. of new road leading to same, required heavy excavation: -

Sampled shaft at 425' depth Dec. 27. Results:  
5' wide mill-grade, \$7.80  
1' wide high-grade, \$25.91 per ton. "SWELL"

Jan. 15, 1938.

Los Felice Shaft No.1. reached a depth of 445 ft. - For the last 12 ft. we have gone over of through stratified magnetite dyke which was extremely tough and hard drilling, and the dyke more or less disarranged the high grade ore from one large strata into 4 smaller ones. Though the sulphides are appearing stronger and stronger finely disseminated through the 6 ft. wide vein matter.

It appears that we are entirely through the magnetite dyke and that the high grade will be again in place, its former size or bigger and thus possible of saving it.

During the past two weeks we have been taking out some high grade out also on the surface, but this sort of mining is rather slow owing to the fact of too much over-burden.

-----  
Feb. 1, 1938.

Los Felice Shaft No.1. as of this date, reached 452 ft. depth. During later half of January we worked only 7 days in the shaft and up to 25, of Jan. (not working Sundays) While on Jan. 25, the entire crew was put to work on the high grade ore, on Los Felice claim, so as to finish up a car load to be now shipped to smelter.

The bottom of shaft looks more attractive and promising than ever, its foot wall being exceptionally slick and polished and upon which high grade ores are appearing and on top of which being 2 ft. of mill grade. In other words, the ores in the hanging wall are gradually getting less and smaller - while on foot wall the ores are correspondingly getting larger. It appears that the entire ore body, very probably, will be henceforth on the foot wall. Rock formations now; Yavapai Schist.

Mar. 5, 1938.

Received from Hayden Smelter ----\$129.23 net.  
For 15 tons of ore recently shipped.

Gold Content: .60 Oz. per ton,  
Silver " .60 Oz " " .

Our Assays: Same Ore:

Gold Content: .84 Oz per ton.  
Silver " .78 Oz " " .

Hence we will lodge a complaint as to possible mistake on Smelter's part.

The ore was shipped through W. R. Whitehurst, Mayer, who guaranteed the car.

-----  
April 15, 1938.

On Mar. 1, the last employee, Ernest Elstun, decided, instead of quitting, to work at upper place mining and taking out ore at so much per ton, namely; \$25.00

Hence, the result since Mar. 1, to Apl. 15, was: 40 ft. long new tunnel - from it 40 ft. up-raise - which yielded 3 1/2 tons of ore av. about \$60.00 per ton, in gold, some in silver and some in lead.

Stopping ore & driving of this tunnel will be continued.

June 20, 1938.

The work in upper tunnel on Los Felice claim continued uninterrupted since Apl. 15th, by 1 man, working by hand, and the tunnel is now in 65 ft. -- In this tunnel immediately in from its portal a space of ground of about 30' x 30' x 4' having been stoped out, the thickness of high grade ore in this space was 2" to 14" or a total extraction of 7 tons of which, av. assays show:

AU.1.94 oz. per ton; Value,-----	\$66.70
AG.3.56 oz. " " " "-----	2.10
PB.6% " " " "-----	4.00

Total Gross Value Per Ton, ----- \$72.80

These 7 tons of ore was loaded on board car on June 11th, at Mayer, (by H.C.Mitchell) and the car was pulled out for El Paso on June 17th. (What the net result will be - it remains to be seen).

On top of this high grade ore is an av. thickness of 4' of oxidized vein matter which, av. \$6.25 in gold, per ton.

July 20, 1938.

Since June 20th to July 20th: Elstun and myself have been doing some stoping high grade ore in the upper, now 65' tunnel, the showing at this point is excellent, the high grade ore at some points is 1' thick or wide - while the mill grade is 3 1/2' wide and also of better grade or values than at any time heretofore: - Also, several loads of mine-timber was being hauled from the Bradshaw Mountains: - On July 15th Elstun resumed work in the tunnel, driving it further, at the bottom of which, in the foot wall & under the high grade ore, a new kind of ore and mineralization having been encountered. "A Sulphide, (silver-white) strongly resembling sylvanite, (a tellurium gold ore) but further tests will tell what it is & what it contains -

the Matrix being metamorphic diorite & quartz:

The ore shipment on June 17th, its return shows the following: Weight, 13384 Lbs. Contents in gold, per ton, Oz. 1.28 silver, Oz. 1.5 lead 2.2% -- This ore, assayed by Giroux, as the smallest Oz. 1.60 --- Hence we were cheated for Oz. 0.32 per ton.

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Aug. 31, 1938.

The new upper tunnel, as of this date, reached a length of 90 ft. (or an advance of 25 ft. since July 20th.) Out of this addition of tunnel work and the stope above it 4 tons of high grade ore was recovered (not yet assayed) though it should average about \$40.00 in gold, per ton.

The working crew consists of 2 men, (one man hired & myself,) working by hand, hence the progress is extremely slow. Nevertheless, this work has, and is, demonstrating the continuity and persistence of the vein, with 2" to 12" of high grade ore on its foot wall - while the rest being 4' thick (wide) milling grade ore.

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Oct. 1, 1938.

During month of Sept. the new upper tunnel on Los Felice claim was advanced 15 ft. (from 90 ft. to 105 ft.) from which about 1 ton of shipping-grade ore has been picked out. The vein, which somewhat better than 4 ft. wide, appears to be getting richer as the work advances. While the high grade along the foot wall is decidedly thicker as well as of higher grade than it was heretofore. No stoping was done to speak of during the month. And work was carried on practically 1 man, as I, myself was busy with other company's affairs. - During the month the company has signed contract with Wm. A. Weiland Corp.

(Cont. ned from other page)

60 Wall St. New York City. Whereby the latter is to Register this company with the SEC and subsequently handle & market through various brokers & his connections 200,000 shares of the Treasury stock at 50¢ per share, which is to net the company \$75,000.00; A sum which is calculated as all sufficient to make a complete mine up to a point of steady production.

November 1, 1938.

During month of November the upper New Tunnel was advanced 16 ft. (from 105 ft. to 121 ft.) One man only is driving it, Ernest Elstun, (lessor). The vein at this point looks exceptionally good, in fact better than at any time heretofore. It is a little better than 4 ft. wide of which 1½ ft. wide along the foot wall is of shipping grade - while the rest of the vein too, appears to be of better mill grade than heretofore. A large average sample has been taken at this point from hanging to foot wall across 4'4" in width, which assayed: \$6.33 per ton.

FINANCING: The latest word from Wm. A. Weiland states that a change has been made, namely: "That instead of selling 200,000 shares at 50¢ per share -- 100,000 shares will be sold at \$1.00 per share."

Dec. 31, 1938.

Since Nov. 1, the upper tunnel was advanced from 121 ft. to 140 ft. in length and the vein of mill grade ore, as well as the high grade streak persistently continues, at this point a bit of stoping has been started. This work is carried on by one man.

Jan. 20, 1939.

At the end of 140' long new tunnel 8 tons of ore having been stoped at that point. Average assays of this pile - No. 21781, which has just been received, shows: \$19.94 per ton. And the same will be now shipped to smelter.

-----  
Feb. 17, 1939.

Gross Weight of above mentioned pile of ore (as shipped to Custom Ore Buyers at Prescott) being -----16,824 Lbs and settlement payment for same duly received  
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During Mar. & Apl. 1939.

A pit, 30 ft. long X 7 ft. deep was being excavated on the vein on Los Felice claim, about 500 ft. North from its South end. The ore encountered in this pit assayed \$102.00 in gold, per ton.

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During May, 1939. to June 1, 1939.

A 30 ft. deep incline shaft was sunk on the same vein and claim, about 300 ft. North from its South end. The vein at the bottom being 4' wide and highly promising -- not yet sampled.

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During June, 1939.

The main lower and upper mine workings were sampled at 20' intervals and the positive tonnage of ore estimated at 25,000 tons of an average value of \$6.74 in gold & silver, per ton, and a report made accordingly.

Thereupon, a (Draft for New Prospectuses) was prepared, as well as the Application to Arizona Corporation Commission for a PERMIT to sell 100,000 shares of the Treasury Stock, at \$1. per share, (paying 20% commission to brokers and salesmen).

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July, 1939.

On July 7th, said Application for Permit, as well as various reports and data, including Draft for the proposed New Prospectuses, was duly submitted to Arizona Corporation Commission.

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September, 1939.

During this month, the 30' deep new shaft, (which is situated in the center between the main lower and upper mine workings) has been deepened to 35'; likewise the entire mine-road from the highway repaired, some of it regravelled, and retaining-wall built.

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October, 1939.

On Oct. 4th, the Arizona Corporation Commission duly issued its PERMIT to this, the St. John Gold & Copper Co. to sell 100,000 shares of Treasury Stock, at \$1. per share, and in accordance to Application as submitted to them on July 7th. - Immediately thereupon the New Prospectuses were being printed and dated same as the Permit, namely: Oct. 4.

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November, 1939.

The portal of 80' long X-Tunnel has been retimbered and cleaning up of same started, (this tunnel is on Los Felice claim No.1.)

December, 1939.

The cleaning up of the 80' x-tunnel continues intermittently. Likewise, a new 300' long road has been started which, when finished will eliminate steep-grade as well as hair-pin turns.

On Dec. 15th, a Petition of Jack C. Devey, (a stockholder) to Arizona Corporation Commission for the release of his stock from escrow, was denied him by the Commission.

Jan. 25, 1940.

Formal hearing, held by Ariz. Cop. Com. for us to show cause why our PERMIT should not be revoked. The Company showed and presented plenty of cause as to why its permit should NOT be revoked. This by Witnesses, E.D. Newcomer, Secy. Ed. L. Jones, Geologist, myself, president. And ten (1) excellent, written testimonials (references).

Jan. 31, 1940.

The X-Tunnel on Los Felice claim No. 1. was re-timbered, cleaned out, and an additional 20 feet driven further. Hence this tunnel is now 100 ft. long.

Feb. 8, 1940, & Mar. 8, 1940.

The mine and all its workings were thoroughly re-sampled and re-mapped. This in connection with J. A. Hamilton and for the purpose to facilitate him in financing this company.

Mar. 15, 1940.

The new 360 feet long road, (connecting the highway and mine road) has been completed. This road required some heavy excavations, fills and the building of retaining wall.

NOTE: Road & Tunnel was done by Slak, himself.

Mar. 26, 1940.

Arizona Corporation Commission re-instated the company's permit, and likewise okayed J. A. Hamilton's ideas and plans for the financing of it, and a License to do so has been duly granted and issued to him.

Mr. Hamilton, for his work in connection since early part of Feb. up to this date, has been paid in full, amounting to: \$520.72

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April, 1940.

During the entire month of April, the greater part of it was centered on the enlargement of excavation for the Hoist at No.2. shaft. And in particular so the enlargement of excavation for an adequate Curvature of Track from the collar of shaft to the dump; these excavations were completed on April 30th. Likewise during this month 4 days were spent in the upkeep of the private, company's road.

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April 1, 1940.

A "two feet widening" of the little branch road leading to upper water tank, having been started.

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May 1, 1940.

Widening of branch-road to upper water tank continues.

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June 19, 1940.

Widening of branch-road to upper water tank having been completed. - Likewise the Location work on the new, Los Felice Extension Claim.

June 30, 1940.

Mucked and cleaned out a large slide of rocks from the portal of the upper, 140 ft. tunnel. And the same has been mucked out and cleaned over the entire length. ---- While on June 21, a near cloud-burst rain stripped our private roads into impassibility and required immediate repair - and the same were fully repaired.

-----  
Aug. 1, 1940.

During the month of July just passed, the following work having been accomplished: Cleaned out the No.2. shaft as well as the open-cut that leads to it; Cleared away and made parking place for workers cars; Provided and made culverts for drainage of road as well as of preventing rain waters from running into the No.1. shaft; Also excavated some ore above cross-cut tunnel on Los Felice claim No.1.; Took one large, composite sample of Vertical Deposit in the incline shaft across 160 ft. in width. Results: AU.OZ.03 AG.OZ.047 -- \$1.05 & 32¢ respectively, or \$1.37 per ton.

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Sept. 1, 1940.

During August high grade ore has been uncovered on the vein in the long open cut above and north of 140' tunnel, (at 2 points), on Los Felice claim: - While on Los Felice No.1. claim good grade gold ore was opened up just above the 100' cross-cut tunnel (in an open cut). And likewise in the large open cut behind the Blacksmith shop And too, road was being repaired after each heavy rain during the month.

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Oct. 1, 1940.

During month of Sept. there was one heavy and many smaller rains every week. Consequently continuous road-repairing and upkeeping work was required throughout the month. Besides that grading for the installation of compressor having been started.

Nov. 1, 1940.

During October work was carried on every day including Sundays, 21-shifts of work was done on the finishing of excavation for the installation of compressor, and 10-shift on the repair of road and the trimming of road-bank. - The trimming of the high-loose road bank will be continued during November.

Dec. 1, 1940.

During November work was carried on by one man every day including Sundays, 20-one-man shifts of work was done on the Slopping of the high, 200 ft. long, loose, vertical road bank so as to prevent further cave-down. (The dirt and rock from this work amounted to 845 wheelbarrows). While 7-one-man shifts of work was done in cleaning out the cave-in at portal of 140 ft. long upper tunnel; And 3 days, Nov. 25, 26, & 27, was spent in Phoenix on Company's business, principally in connection with sickness of Pete Gokey, the V.P.

Jan. 1, 1941.  
During December there were several heavy rains and as result it required 16 - 1-shift days in road repairing; ----- 3 - " " " on company business in Phoenix; and on the repairing pickup ----- 5 - 1-shift days.

Feb. 1, 1941.

During January from 1, to 7, making various reports on affairs of the Company during preceding year. Held regular annual meeting of Stockholders on the 7th, at the mine. Spent 5 days in Phoenix, 13th, to 18th, on Company's business - Peter Gokey's sickness, death and his funeral on the 17th. - Road-repairing 9 1-shift-days. Worked on ore 3, 1-shift-days.

Mar. 1, 1941.

During February, (the historical-month for this Company) whereby I went to Phoenix on the 3rd preparatory to leave for San Francisco in a day or so for a conference with SEC there concerning the Letter of Notification, Prospectus, etc. pertaining to new \$90,000. issue of financing. --- But instead: The SEC. sent their own mining engineer. Mr. Benjamin Adelstein, whom I contacted on the 4th, at Arizona Hotel, Phoenix, where we held the first, lengthy and manly talk on the subjects in question, and likewise decided that on the morning of the 6th to go together to the Company's mine. "We did so". And during following (3) days Mr. Adelstein and I went thoroughly into all the Company's affairs, records, etc., and likewise examined all mine workings; all of which Mr. Adelstein found satisfactory. - And thereupon Mr. Adelstein and I consulted and planned as to a proper Letter of Notification and a proper Prospectus in connection; and when these had been drafted upon, then Mr. Adelstein and I got busy in drafting

Sept. 1, 1941.

During month of August the two heavy rains washed much debris down around the portals of the lower & upper tunnels and which required "7-one-man-shifts" in removing it. The same rains likewise damaged the roads and which required "5-one-man-shifts" to repair: Besides that, 12-one-man-shifts were put in in the new large open cut on vein 50' N. of Blacksmith shop: While 4-one-Man shifts were put in on repairing the Pickup.

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Oct. 1, 1941.

During September, 25-one man shifts of work was put in on the property; 60days on the road, and 19-days in the large open cut 40' N. of Blacksmith shop. - On the 26th, a man by name "Colrich" from Ohio, was looking over the mine's workings (during the night). Promised to come back the following Sunday, on 28th, but he didn't.

\*\*\*\*\*

Nov. 1, 1941.

Work during October was: In open cut, 17 days,  
Clearing debris from rain on roads. - 7 "  
Total: One-man shifts for the month, - 24 "  
On company's business in Phoenix and  
Higley Oct. 28, 29, 30 & 31,

\*\*\*\*\*

Dec. 1, 1941.

During November, on company's business in Phoenix & Higley, on the 1, 17, & 18, & 25, & 26. - There was much correspondence with all the stockholders concerning the proposed sale of the mine, which proposition was practically accepted by all except, ~~##~~ 2 or 3 stockholders yet to be heard from.  
Road work; 13 - one man shifts.

new Letter Notification and a new prospectus, both of which were ready by, and mailed on Feb. 15, to the SEC's San Francisco office, for their approval --- all of which was so approved by that office, and the Company duly notified to that effect. -- Thence the so approved prospectus was printed in multy-copies and distributed to various underwriters for their use in connection with marketing of the arranged for, Company's securities in accordance thereto.

During the same month of February (15) one man-shifts were being spent in repairing the roads over the Company's property that were damaged by heavy rains.

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Apr. 1, 1941.

During March, (9) days were spent in Phoenix and vicinity on Company's business, during which time J. O. Power, of Higley, Arizona, and J. T. Butler, Phoenix, Arizona, were appointed Vice President and Secretary, respectively, of the Company. - While (20) one man-shifts were devoted in cleaning up some of the mine workings and timbering in the main shaft.

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May 1, 1941.

During April, again much rain fell which washed down much dirt at portals of tunnels as well as badly stripping the private roads, all of which required continuous work including Sundays, namely; Six (6) shift days were put in cleaning up portals of tunnels. Six (6) 1-man shifts in repairing the roads. And Eighteen (18) 1-man shifts on the repairing and building new road toward the, or, for the Silver Slope claims.

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ne 1, 1941.

During month of May; 22-one-man shifts was put in in trenching along the vein on Los Felice No. 1. claim.--- While 5-three-men shifts (with 2 Baraja's boys) were put in in finishing the road to the Silver Slope property. --- While May 28, 29, & 30, I have spent in Phoenix & Higley on the company's business, conferred with Butler, Secy. and Power, V.P. respectively.

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July 1, 1941.

During month of June; the first 20-one-man shifts were spent on trenching along the vein on Los Felice No.1. claim and thus finished the Annual Assessment work on the St. John Gold & Copper Co. for the period as from July 1, 1940, to July 1, 1941. - The work for said assessment was as follows: Making & Repairing Roads, 67 days  
Mine Timbering & Re-timbering, ----- 53 "  
Cleaning muck & debris at tunnel-portals, 45 "  
Trenching on ore veins. ----- 50 "  
Repairing buildings, tools, machinery, -- 15 "

Total: (1-man-shifts) ----- 230 "

-----  
August 1, 1941.

The month of July - was the month of various reports, State and Federal. Besides that 17 one man shifts were put in on the "turn and fill" so as to make it an easier drive, as well as safer, in going to or coming from the direction of Cleator, at the junction of our private road and the highway.

While on July 28 an application for a \$20,000 development work loan was being forwarded to the Reconstruction Finance Corporation, 811 Vermont Avenue, NW. Washington, D.C. -- It is hoped that the loan may be so granted.

Jan. 1, 1942.

During December, (the last month of 1941,) and the total amount work done was; -16 days- of one-man shifts. 7 days in repairing the road after a severe rain and snow storm. While 9 days were put in in the large open cut 60 ft. northeast of Blacksmith shop.

Several days were spent in sending out notices of Stockholders Meeting which will be held here on the 6th.

Regarding the Option to Purchase the mine, given to Messrs. Mollohan & Roehr, the first payment was to be paid on or about Dec. 10th. It wasn't. Because of the outbreak of the war on Dec. 7th, and therefore the the option was extended to them to Jan.28.

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Feb. 1, 1942.

Work carried on during January: 19 days. (That is, 19-one-man shifts) 13 of which were put in in the new open cut on vein 300' north of Blacksmith shop, and which work will be carried henceforth whenever time permits.

While 6 days of work were put in repairing the roads. "Option, to Roehr, was not carried out."

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Mar. 1, 1942.

During February, total time worked: 23 one-man shifts. 4 shifts were put in on repair of road and 19 shifts in the new Opencut-Tunnel 300 ft north of the main shaft. This opencut already intersected the Incline Vein, while the Tunnel to be continued from opencut on toward east will more or less demonstrate the possibility of commercial Iron & Manganese of the vertical dyke structure.

April 1, 1942.

During March: Worked on new open-cut, which  
will be a tunnel into the iron deposit; 17 days.  
Tool sharpening, ----- 2 "  
Hauling a bit of mine timbers, ----- 2 "  
Road work, ----- 3 "

Total, one-man shifts; ----- 24 "

May 1, 1942.

During April: Rock work in new tunnel, 14 days.  
Timbering portal of new tunnel. ----- 4 "  
Road work, ----- 3 "  
Sampling iron-manganese deposit, ----- 3 "

Total, one-man shifts; ----- 24 "

June 1, 1942.

During May; Total one-man shifts worked in the  
new X-tunnel, on the Iron-Manganese deposit,  
was; ----- 9 days.

June 15, 1942.

During the first half of June: Total one-man  
shifts worked in the new X-cut tunnel on the  
Iron-Manganese deposit, was; ----- 8 days.

Total number of days during <sup>June</sup> worked - 226 days,  
as of July 1, 1941, to June 15, 1942.  
For explosives & timber; -- \$35.00  
Assessment work for period done.

July 1, 1942

Reconstruction Finance Corporation  
denied loan, War powers act L 208 requires  
that operating mines, work on strategic  
materials.

Will start closing the Los Felice  
property, after the 4th of July.

July 15, 1942

Moved equipment from property and  
closed the road,