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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 09/06/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WAKEFIELD MINE

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 132

LOCATION: TOWNSHIP 23 S RANGE 20 E SECTION 30 QUARTER N2
LATITUDE: N 31DEG 24MIN 15SEC LONGITUDE: W 110DEG 20MIN 53SEC
TOPO MAP NAME: MILLER PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE
SILVER
TUNGSTEN
COPPER SULFIDE
LEAD

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 67
ADMMR WAKEFIELD MINE FILE
USBM RI 5650
ANTHONY, J.W, ET AL MINERALOGY OF AZ P 83

WAKEFIELD MINE

COCHISE

Mine visit at Jack Wakefield mine; no one around, but camp appears active. GWI WR 12/19/74

NAME OF MINE: ~~HARPER~~ Wakefield Ess.

COUNTY: COCHISE S
DISTRICT:
METALS: W

OPERATOR AND ADDRESS:

MINE STATUS

DATE:	OPERATOR AND ADDRESS:	DATE:	MINE STATUS
5/1/44	D. Mori, Box 1393, Bixbee	5/1/44	Investigate
6/2/44	Geo. Little, Star Route Patagonia	6/2/44	Shipping
		9/45	Developing Idle

WAKEFIELD GROUP

W

Cochise

2 - 5

T 23 S, R 19 E

George A. Little, Star Rte., Patagonia

'44

WAKEFIELD MINE

COCHISE COUNTY
HARTFORD DIST.

Report by Frank B. Seale on the Wakefield Mine - Mr. Seale stated that the former owner, George Little has sold the mine to a Mrs. John Macker from Florida. He also stated that the adit at the Whiteside was now in about 950 ft. with very little ore showings.

AXEL L. JOHNSON - Bisbee Council - 9-15-60

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wakefield Mine

Date May 2, 1956

District Hartford Mining District, Cochise Co. Engineer Axel L. Johnson

Subject: Present Status. Information from George Little, owner & operator and Personal Visit.

Location T 23 S --- R 19 E. About 40 miles west of Bisbee near the Bisbee-Patagonia road over Montezuma Pass. Drive 38 miles west from Bisbee. Turn right and go about 2 1/2 miles on mine road.

Number of Claims 15 unpatented claims.

Owners Jack Wakefield Mining Co. George Little reports that he owns the controlling interest in the Jack Wakefield Mining Co.

Lessee and Operator George Little, Star Route, Patagonia, Ariz. Lease provides for a royalty of 10 %.

Principal Minerals Vein on which exploration work is done has been mined for Silver. Another vein on the property contains tungsten ore in the form of scheelite.

Number of Men Employed George Little is working by himself.

Production Rate No production of ore. No production reported since 1928.

Geology The vein being explored has a strike of S 44 deg. E, and pitches about 61 deg. Vein is from 1 to 5 ft. in width, with about ~~3 1/2~~ 3 1/2 ft. average, and composed almost entirely of quartz. The quartz in the vein was slightly fractured in places. Both the hanging and the footwall is composed of dark, fine grained, very dense and hard igneous rock, which might be called basalt or diabase.

Ore Values No ore was found in the quartz vein, where the operator, George Little was working. Mr. Little showed the writer an old mine map, showing assays of some old worked out stopes in the upper levels. These assays showed from 12 to 470 oz. of Silver, and from a trace to 11 oz. of Gold. These stopes were small in area, the greater part of the upper adit showing no ore values.

Ore in Sight and Probable None.

Milling and Marketing Facilities No mill on the property. Old mill 2 miles away not worth repairing.

Mine Workings The upper workings consist of a 500ft. adit, with a winze 70 ft. deep and 70 ft. of drifting at the bottom of this winze. Also a vertical shaft 60 ft. deep. The lower workings, 220 ft. below the upper workings, consist of an adit 910 ft. long, driven to intersect the vein, and 40 ft. of drifting on the vein. Mr. Little, since starting exploration, has extended this adit from 690 ft. to 910 ft., advancing it 220 ft., and has drifted on the vein 10 ft. to the east and 30 ft. to the west. He is now drifting to the west.

Present Operations Mr. Little is working by himself, advancing the drift about 10 ft. per month. Mr. Little reports that the rock is very hard to drill. He also has 940 ft. distance to tram the rock.

Proposed Plans Mr. Little plans to continue drifting about 120 ft. more, and then do some raising in the hopes of finding some high grade Silver and Gold pocket.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wakefield Mine

Date Jan. 4, 1956

District Hartford Mining Dist., Cochise Co.

Engineer Axel L. Johnson

Subject: Present Status. Information from George Little, Owner.

Location T 23 S -- R 19 E. About 40 miles W of Bisbee on Bisbee-Patagonia Road over Montezuma Pass.

Number of Claims 15 unpatented claims.

Owner George Little, Star Route, Patagonia, Ariz.
(Note:- former part owner, Carl Worthen, now out of it)

Operator Not in operation.

Principal Minerals Lead, Zinc, Tungsten.

Number of Men Employed None.

References For other information, regarding above claims, please see my report of Jan. 12, 1953. There has been very little change since then, except for the change of ownership, giving George Little the entire ownership of same.

COPY

Star Route
Patagonia, Arizona
Dec. 8, 1944.

DEPT. MINERAL RESOURCES
RECEIVED
DEC 13 1944
ARIZONA

Office of Defense Transportation,
Phoenix, Arizona.

Gentlemen: Attn.: Mr. E. C. Corbell,

Enclosed please find my Certificate of War Necessity #918483 on which the following information is shown:

Certificate Number	9-01-01	918483	290
			Class

George A Little
2441 Arthur Street
Los Angeles, Calif

Make	Body Type	Year	Type
Chevrolet	Sta. Wagon (Seats Perm. Rem.)	1939	Being used as truck
Rated or Seating capacity	State	Registration No. 1942	Registration No. 1943
10,650	Calif.:	89 P-258	

10,650	Maximum miles per year
3,000	Maximum miles per calendar quarter
None	Units of Traffic

1st	200 (79)	} Specific quarters, when different from above
2nd	200	
3rd	133	
4th	177	

Business of Mining

Jan. 15, 1943

This certificate was issued to me by the Los Angeles O.D.T., inasmuch as I was there at that time, expressly for operation on this property where I have been and am operating, which is located as follows: In the W. Huachuca mountains, Cochise County---40 miles from Bisbee, Cochise County; 46 miles from Patagonia in Santa Cruz County, from which point mail is delivered to within 4 1/2 miles of this camp (over all dirt road); 68 miles from Nogales (of which only 20 miles is over paved road); and about 135 miles by best route to Tucson; from which respective locations supplies, tools, etc., have been and will continue to be purchased. The major portion of trading, however, has been in Bisbee, the nearest point and over the best road, and Tucson where tungsten concentrates thus far produced were sold.

O.D.T. #2

For some time past quarterly allotments of fuel as shown on certificate for operation of the vehicle described thereon have been very courteously issued to me by the Bisbee Ration Board #81.2.2, pending transfer of my file which they have requested from Los Angeles. These allotments have proved to answer my needs thus far and since the future use is for the same operation over the same area, the only change that seems necessary is that my file be in the Phoenix O.D.T. Office instead of Los Angeles.

For lack of road facilities operation on the tungsten workings was entirely by hand although air equipment was in readiness on the property. I was promised Government road assistance, which however was not forthcoming due to early termination of Government contracts, making it necessary that such road work as is essential to further operation needs on copper, lead, silver, be accomplished at my expense. When this road work, now being done, is completed, it is my intention to employ additional help and put the air equipment to work, at which time the leasing of ore hauling equipment is contemplated. I shall appreciate your instruction on how application for fuel for same should be applied if ownership is not registered in my name.

Also, I shall appreciate very much your giving the above matters your early attention in order to avoid an uninterrupted continuance of work here and that I may apply for my vehicle license in Arizona as soon as possible. I am forwarding copies of this letter to the Bisbee Ration Board and Department of Mineral Resources for their guidance and to expedite matters through those departments. If there is anything further that I can do to expedite matters, please let me know.

Very truly yours,

George A. Little.

December 18, 1944

Mr. George A. Little
Star Route
Patagonia, Arizona

Dear Mr. Little:

We have received the copy of your letter to the Office of Defense Transportation and the three copies of data regarding mining gas.

We are approving the report on your gas requirements and returning the approved white copy herewith. You should present this to your local board.

The O.P.A. has asked this department to approve all applications for mining gas so if and when you have further requirements along this line, it would be well for you to submit the data and request for gas to this office or to our field engineer, Mr. George Ballam, Box 495, Tucson.

Please feel free to call on us whenever we can be of service.

Yours very truly,

Chas. H. Dunning
Director

CHD:LP
Enc.

Wabefeld Group

W

DEPT. MINERAL RESOURCES
RECEIVED
JAN 8 1945
PHOENIX ARIZONA

Star Route,
Patagonia, Ariz.,
Jan. 3, 1945.

Department of Mineral Resources,
305 Home Builders Bldg.,
Phoenix, Ariz.

Gentlemen: Attn.: Mr. Chas. H. Dunning, Director.

Thank you for your letter of recent date and for your approval of my gasoline requirements, a copy of which you enclosed to be presented to the local board.

After I had submitted the estimated gas requirements to you I have been able to get needed parts, previously unobtainable, for a 1933 Chevrolet $\frac{1}{2}$ -ton pickup Truck, which has been idle on the property for several years and thought to be beyond repair. Although not highway worthy, I have it in condition to operate around camp, mine, etc., over approximately $4\frac{1}{2}$ miles of mine roads. This can supplement some of the hauling and on road work now being done with the station wagon, and greatly facilitate the work, as well as providing a vehicle at the workings at all times. Since no additional gasoline will be required for present operations, I assume all that will be necessary is the request I am making, to have it included on my Certificate of War Necessity by O.D.T. and their approval.

Thanks again for your courtesy and prompt action in the approval of my gasoline needs for mining.

Very truly yours,

George A. Little
George A. Little

GAL:L

Chr/fetes

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

DEPT. MINERAL RESOURCES
RECEIVED
Filing Information
DEC 16 1944
PHOENIX ARIZONA

Date..... December 8, 1944.

Name of Mine..... Wakefield Group

~~Owner~~ Operator..... George A. Little

Address..... Star Route, Patagonia, Arizona

Mine Location..... Hartford or W. Huachuca Mining Dist., near Sunnyside, Cochise County, Arizona---40 mi. from Bisbee; 46 mi. from Patagonia; 68 mi. from Nogales.

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

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;
Experimental (sampling).....; Owner's occasional trip.....;
Other (specify) Road work which was to have been done with promised access road.

PRODUCTION: Past and Future.

Approx. tons last 3 months None since April when completing Gov't. tungsten buying contract.
Approx. present rate per 3 months Depends on completion of road.
Anticipated rate next 3 months " " " " "
If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
<u>Sta. Wagon being used as truck - seats removed</u> Personal Cars	<u>1-ton</u>	<u>Approx. 850</u>	<u>Approx. 57</u>
Light or Service Trucks	<u>Anticipated when again in production</u>		
Ore Hauling Trucks	"	" " "	"
Compressors	"	" " "	"
Other Mine or Mill Eqpt. (Blower, bit grinder, pump engines, etc.)	"	" " "	"

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

PRODUCED: Tungsten. CONTEMPLATED: Copper, lead, silver.

REMARKS:

Complete air equipment, etc., are on the property at the copper, lead, silver workings in readiness, awaiting completion of road work now being done. The development and production of tungsten has been carried on entirely by hand due to the lack of road facilities to that portion of the property.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By..... *[Signature]*

*White copy returned signed by Little 12/8
Pmt to Ballou*

Mrs. Olive H. Maecher continued drilling at the Jack Wakefield mine. Most of the drilling being across a copper bearing zone on the Crown Point claim. GWI QR 3-1969

Exploration work continues at the Jack Wakefield mine. Drilling has been discontinued for the present and a crosscut is being driven across the copper bearing formation on the Crown Point Claim. No work is being done at the present time in the upper tunnels. GWI QR 9-1969

Active Mine List Oct. 1969 - 2 men - Mrs. Olive Maecher

At the Jack Wakefield mine a crosscut is being driven under the discovery area on the Crown Point Claim. GWI QR 2-27-70

Visited Jack Wakefield mine - no one in camp. GWI WR 5-9-70

Due to illness of the principal stockholder, Mrs. Olive Maecher, work on the exploratory crosscut was at a standstill. GWI QR 6-30-70

Mine visit - Jack Wakefield mine, doing exploration work only. GWI WR 11-7-70

Mrs. Olive Maecher has resumed drilling at the Jack Wakefield mine in the Huachuca Mtns. GWI QR 10-1-70

Mine visit - Jack Wakefield mine. Desultory EX diamond drilling. GWI WR 3-8-71

Jack Wakefield mine. Mrs. O. Maecher does a little drilling, etc. GWI QR 4-1-71

Mrs. O. Maecher is still doing some exploration work at the Jack Wakefield mine. GWI QR 6-30-71

Mine visit. Jack Wakefield Mine in Huachuca Mts. No exploration at present. GWI WR 3/9/72

Mine visit. Jack Wakefield mine, have drilled one hole during past year, expect to drill another in the near future. Cochise Co. Huachuca Mts. GWI WR 1/17/73

Stopped at Jack Wakefield mine, people at the camp said that they did not expect the owner, Mrs. Olive Maecher, to ever come back, but that her grandson would be back soon and that the assessment work was being kept up. GWI WR 12/7/73

Olive H. Maecher, owner of the Wakefield group in the Hartford Mining District, Cochise County, is having problems with the Forest Service. (She talked with Mr. Verity today).
GWI WR 8-27-66

Mine visit to the Wakefield mine west of Montezuma Pass, was not able to find anyone around. GWI WR 9-10-66

Visited Jack Wakefield Mine in the Huachuca Mountains. Mrs. Maecher says she has five diamond drill holes drilled. GWI WR 1-7-67

Visited Jack Wakefield mine - 2 men working in main tunnel while waiting for a shipment of diamond drill bits. GWI WR 3-4-67

Visited Jack Wakefield mine - Mrs. Maecher said that she was on the 9th drill hole. Deepest 302'. GWI WR 9-3-67

Active Mine List Nov. 1967 - 2 men

Visited Jack Wakefield mine. Discussed Forest Service postponement of hearings with principal stockholder, Mrs. Maecher. GWI WR 1-1-68

Some exploration on a small scale is being done at the Jack Wakefield camp in the Huachuca Mountains. GWI QR 4-1968

Active Mine List April 1968 - 2 men

Visited Jack Wakefield mine - Mrs. Maecher explained problem with Forest Service. GWI WR 5-11-68

Mrs. Maecher was still drilling at the Jack Wakefield mine. She felt that she had won out over the Forest Service at the February hearings. GWI QR 6-1968

Active Mine List Oct. 1968 - 2 men

Visited Jack Wakefield mine - still drilling. GWI WR 11-7-68

Diamond drill continued at Jack Wakefield mine - Montezuma Pass. Holes not over 300' deep have been drilled on the Crown Point Claim. GWI QR 12-1968

Field interview - Diamond driller on Jack Wakefield mine at drill site. Mrs. Maecher in Florida for a few weeks. GWI WR 1-11-69

Active Mine List April 1969 - 2 men - Olive H. Maecher, Jack Wakefield Mng. Co., Star Route, Patagonia

WAKEFIELD MINE

COCHISE COUNTY

USEM RI 5650 1960 p. 34

7235 6204 See to file

ABM Bull. 187, p. 20 67

[REDACTED]
[REDACTED] PAY DIRT 3/19/69

[REDACTED]
[REDACTED] PAY DIRT 4/23/69

1-4-56

Wakefield Mine

Explanation of reports on same

I received some information on this property on Nov. 12, 1952, and on Jan. 12, 1953, and wrote a report on same. However, at that time, the owner, Mr. Little asked me not to send any information to Phoenix to be put in the files there. Accordingly, I withheld the Phoenix copy, which, ordinarily, should go in the files.

I saw Mr. Little again last Jan. 4, and we discussed the present status of his property at that time. His attitude seems to have changed for the better, and he did not, then, ~~ask~~ ask me to keep the information confidential or to hold back information for the Phoenix files.

I am now enclosing, herewith, the old copy of the report, which was made in Jan. 1953, and I think it will be all right to put it in your files now.

Axel.

AXEL L. JOHNSON
Field Engineer

WAKEFIELD MINE

COCHISE

I drove to the Wakefield mine on the south side of the Huachuca Mountains. There is no activity there other than assessment work. VBD WR 9/11/75

MG WR 8/16/85: Visited the Wakefield mine (Cochise Co). The last 0.3 mile of the mine road is in poor condition. There are no buildings at Wakefield camp. The lower (?) adit appears to be in good condition with narrow gauge track. Water is piped out and down the road by black PVC. Dump consists chiefly of sandstone and siltstone with some vein quartz. The road to the scheelite diggings has been blocked because of Wilderness classification. There is no activity at the Wakefield property.

KAP WR 11/13/87: Mrs. O.B. Sailors, 5334 N. 26th Street, Phoenix, Arizona 85016, phone 956-4304 inquired about the Jack Wakefield Mine at Nogales which had been run by a relative. Our only Wakefield Mine (file) was in Cochise County which she finally admitted must be the property. She reviewed the file and said her relatives probably have a lot more information. I encouraged her to try and get us copies.

NAME OF MINE: ~~HARPER~~ Wakefield Es.

COUNTY: COCHISE S
DISTRICT:
METALS: W

OPERATOR AND ADDRESS:

MINE STATUS

DATE:
5/1/44
6/2/44

D. Mori, Box 1393, Bixbee
Geo. Little, Star Route
Patagonia

DATE:
5/1/44
6/2/44
9/45

Investigate
Shipping
Developing
Idle

WAKEFIELD GROUP (file)
W

Cochise 2 - 5 T 23 S, R 19 E

George A. Little, Star Rte., Patagonia

'44

WAKEFIELD MINE

COCHISE COUNTY

USBM RI 5650 1960 p. 34

ABM Bull. 187, p. ~~20~~ 67

T235 R20E Sec 30 N4E

WAKEFIELD MINE

COCHISE

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MG WR 8/16/85: Visited the Wakefield mine (Cochise Co). The last 0.3 mile of the mine road is in poor condition. There are no buildings at Wakefield camp. The lower (?) adit appears to be in good condition with narrow gauge track. Water is piped out and down the road by black PVC. Dump consists chiefly of sandstone and siltstone with some vein quartz. The road to the scheelite diggings has been blocked because of Wilderness classification. There is no activity at the Wakefield property.

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wakefield Mine

Date May 2, 1956

District Hartford Mining District, Cochise Co. Engineer Axel L. Johnson

Subject: Present Status. Information from George Little, owner & operator and Personal Visit.

Location T 23 S --- R 19 E. About 40 miles west of Bisbee near the Bisbee-Patagonia road over Montezuma Pass. Drive 38 miles west from Bisbee. Turn right and go about 2 1/2 miles on mine road.

Number of Claims 15 unpatented claims.

Owners Jack Wakefield Mining Co. George Little reports that he owns the controlling interest in the Jack Wakefield Mining Co.

Lessee and Operator George Little, Star Route, Patagonia, Ariz. Lease provides for a royalty of 10 %.

Principal Minerals Vein on which exploration work is done has been mined for Silver. Another vein on the property contains tungsten ore in the form of scheelite.

Number of Men Employed George Little is working by himself.

Production Rate No production of ore. No production reported since 1928.

Geology The vein being explored has a strike of S 44 deg. E, and pitches about 61 deg. Vein is from 1 to 5 ft. in width, with about ~~3~~ 3 1/2 ft. average, and composed almost entirely of quartz. The quartz in the vein was slightly fractured in places. Both the hanging and the footwall is composed of dark, fine grained, very dense and hard igneous rock, which might be called basalt or diabase.

Ore Values No ore was found in the quartz vein, where the operator, George Little was working. Mr. Little showed the writer an old mine map, showing assays of some old worked out stopes in the upper levels. These assays showed from 12 to 470 oz. of Silver, and from a trace to 11 oz. of Gold. These stopes were small in area, the greater part of the upper adit showing no ore values.

Ore in Sight and Probable None.

Milling and Marketing Facilities No mill on the property. Old mill 2 miles away not worth repairing.

Mine Workings The upper workings consist of a 500ft. adit, with a winze 70 ft. deep and 70 ft. of drifting at the bottom of this winze. Also a vertical shaft 60 ft. deep. The lower workings, 220 ft. below the upper workings, consist of an adit 910 ft. long, driven to intersect the vein, and 40 ft. of drifting on the vein. Mr. Little, since starting exploration, has extended this adit from 690 ft. to 910 ft., advancing it 220 ft., and has drifted on the vein 10 ft. to the east and 30 ft. to the west. He is now drifting to the west.

Present Operations Mr. Little is working by himself, advancing the drift about 10 ft. per month. Mr. Little reports that the rock is very hard to drill. He also has 940 ft. distance to tram the rock.

Proposed Plans Mr. Little plans to continue drifting about 120 ft. more, and then do some raising in the hopes of finding some high grade Silver and Gold pocket.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Wakefield Mine Date Sept. 4, 1963
District Hartford Mining District, Cochise Co. Engineer Axel L. Johnson
Subject: Field Engineers Report. Information from Olive H. Maecher, owner.

References Reports of Jan. 4, 1956 & Jan. 12, 1953 and May 2, 1956.

Location In T 23 S -- R 19 E. About 40 miles west of Bisbee on the Bisbee-Patagonia road over Montezuma Pass. Drive 38 miles west from Bisbee; turn right and drive 2 1/2 miles on mine road.

Owners Olive H. Maecher owns approximately 65 % of the stock of the Jack Wakefield Mining Co., Inc. Olive Maecher purchased this proportion of the stock of the Wakefield Mine from George A. Little and Lillian Little, former owners and operators of the property about 1959. She reports that C. B. Worthen owns about 10 % of the stock and some smaller investors own the remaining 25 %.

Number of Claims 15 unpatented claims. 12 of these are in the large group, containing most of the workings, and the remaining 3 claims are in a separate group.

Principal Minerals Lead, Zinc, Tungsten.

Present Activity Not in operation. Annual assessment work is being kept up by Olive H. Maecher.

Proposed Plans Olive H. Maecher would like to patent the claims. She discussed these plans with the field engineer at the Conference at Lenon's Engineering Office on Sept. 4. Field engineer cited the difficulties, objections and advantages of patenting, and gave her a copy of Dept. of Mineral Resources circular "Patenting a Mining Claim". Bob Lenon also gave her a copy of Bureau of Land Management circular on Patenting.

The address of the owner is Olive H. Maecher,
Jack Wakefield Mining Co., Inc.,
Star Route, Patagonia, Arizona.

Hartford or Huachuca District

SUMMARY REPORT OF MINERALS EXAMINATION

State Ariz County Cochise Mineral Products Gold - tungsten - copper

Name of property or deposit Wheffield mine

Date examined 5/13/75 Engineer V.B. Stal Date of this report 5/23/75

Reason for examination Current data

Engineer accompanied by no one Address _____

Interest of property 15 unpatented claims

Owner Olive Maecher Address Miami, Florida 33155
P.O. Box 7127

Leased or optioned to no one Address _____

Location of property (be specific) on Bear Canyon 2 1/2 miles north of the
Montezuma Pass - Lockiel road, T3 sec 29, T30

Type of deposit and mineralogy (brief description) see U.S. Bur. of
mines R.I. 5650, PP 34-35

Known dimensions of the deposit
Length _____ Width _____ Depth _____

Attitude of the deposit (strike, dip, etc.) See above

Possible extensions; correlation of known showings See above

Mine workings (brief description or attach map or sketch) (indicate whether accessible) See above - more than 16 diamond
drill holes ranging from 100 to 300 feet
deep have been drilled. Cores show gold and
copper mineralization. ^(over)

Past production (if any) *Small amount of gold-silver ores and tungsten ores*



Present rate of production (if any) *none*

Sampling (describe briefly, or attach sketch) *See Tom ~~Myer~~ Myer's report of 9/15/62*

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable..... tons..... Grade.....

Indicated..... tons..... Grade.....

Inferred..... tons..... Grade.....

Mining method (actual or suggested).....

Milling or processing method (actual or suggested).....

Processing tests suggested.....

Tentative conclusion and decision *There is sufficient apparent mineralization to interest an exploration company.*

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

Bruce Frye, Jack Wakefield Mining Co., Star Rt. Box 180, Patagonia, Ariz. 85624 and his wife are living on the property. Bruce is a grandson of the owner. He stated that his grandmother recently had decided to lease or sell the property.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wakefield Mine

Date Jan. 4, 1956

District Hartford Mining Dist., Cochise Co.

Engineer Axel L. Johnson

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(Note:- former part owner, Carl Worthen, now out of it)

Operator Not in operation.

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