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http://www.azgs.az.gov
inquiries@azgs.az.gov

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 05/09/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: NEW YORK & MANHATTAN MINE

ALTERNATE NAMES:
MANHATTAN

MOHAVE COUNTY MILS NUMBER: 86C

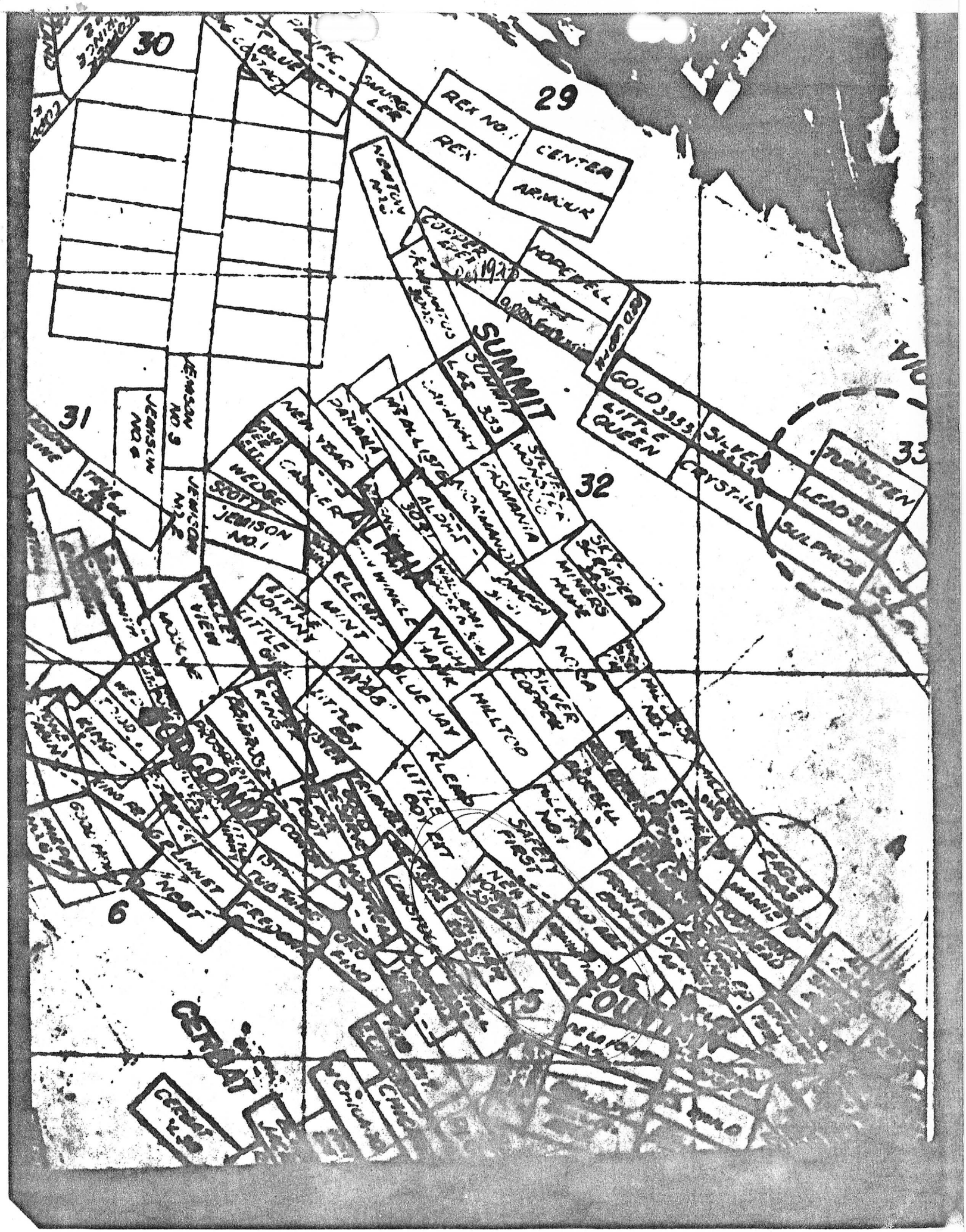
LOCATION: TOWNSHIP 22 N RANGE 17 W SECTION 5 QUARTER C
LATITUDE: N 35DEG 19MIN 25SEC LONGITUDE: W 114DEG 07MIN 15SEC
TOPO MAP NAME: STOCKTON HILL - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:
SILVER
GOLD LODE
LEAD
COPPER
ZINC

BIBLIOGRAPHY:
ADMMR NEW YORK & MANHATTAN MINE FILE
ADMMR MOHAVE CUSTOM MILL PROJECT
ADMMR HOUSEHOLDER CERBAT RANGE CLAIM MAP

Mine
C O D
Mine
5812
5400
4800
5692
C E R B A T
JEEP
TRAIL
5200
33
32
Summit
Mine
Alpha
Mine
5600
3914
5938
20'
T. 23 N.
T. 22 N.
Stockton
Hill
5000
5600
Bluebell
Mine
3913
5248
4
6
5
American Legion
Mine
5200
5400
Trench
Spring
Polaris
Mine
De La Fontaine
Mine
3912
Cupel
Mine
5176
New York Group
T22N R17W Sec 5
Prince George
Mine
Black Beauty
Mine
5429
3154 I SW
(CERBAT)
Canyon
Stockton
Mine
4400
3911
8
4786
9
Cerbat
Western Union
Mine
JEEP
TRAIL
Jordan
Mine
4600
St Louis
Mine
Sixty three
Mine
3
3910
5215
Silver Mtn
Cerbat
5412
4679
O
Stockton Hills
5166
17
16
Z
17'30"
Cerbat
Canyon
T


30
29
31
32
33
6
REX NO. 1
REX
CENTER
ARMOUR
SUMMIT
GOLD DUST
LITTLE QUEEN
SILVER
CRYSTAL
LEAD
SULPHUR
JEMISON NO. 1
JEMISON NO. 2
JEMISON NO. 3
JEMISON NO. 4
WEDGE
SUTTY
NEW YEAR
CASHIER
DANIEL
KLONDIKE
MINT
LITTLE JOHNNY
LITTLE GIRL
BLUE JAY
LITTLE BOY
MILLTOWN
SILVER CROWN
SAFETY FIRST
NORA
NIGHT HAWK
GRANT
FREEMAN
CONSTRUCTION

PAT.MAY 1921.Rec. Sept. 19,1921
NAME: Minnie A. Sawyer...

NEW YORK and MANHATTAN MINES

The New York and Manhattan are adjoining claims at Stockton Hill, Hill, Mohave County, Arizona, and are situated at an altitude of 5500 ft.near the crest of the Cerbat Range,twelve miles from Kingman on a wagon road. They are east of the Golconda Mine.They are nine miles from Berry Station on the Santa Fe Railroad.

The center vein of the property is opened along its length of 3000 feet across the property by several shallow trenches, cuts and shafts, all exposing the vein, and more or less are heavily oxidized containing values in gold, lead and a trace of copper and zinc.

The New York Claim has a shaft on the main vein ninety feet deep. There is no water in the shaft. The ore streak is continuous from top to bottom of this shaft and is from one to two and one-half feet in width. It averages two ounces in gold,eight ounces in silver. North of this shaft a tunnel is driven 300 feet. The breast of this tunnel has cut a streak of oridized ore 22 inches wide that samples $16 gold and eight ounces silver per ton.It also shows some lead.

North of the 90 foot shaft is an open cut exposing six feet in width of oxidized ore that samples $6 gold,eight ounces silver per ton,also shows the presence of lead. (This is a copy of a brief note made by Minnie A. Sawyer, the then record Owner.)

(REPORT OF J. D. JORDAN,M.E. ON THE NEW YORK AND MANHATTAN LODE MINING CLAIMS,Respectfully submitted by said person and signed 12/4/09.)==========Copied by J.H.Smith,Chloride,Arizona,86431. September 1, 1970...)

NAME AND LOCATION OF PROPERTY.

The property I examined and make the subject of this report consists of two lode mining claims, joining end lines and presenting an area of 600 by 3000 feet, or a fraction over 40 acres penetrated for its length with a system of richly mineralized parallel fissure veins. The said mining claims are known and recorded in the mining records of Mohave County under the following names,to-wit: NEWYORK AND MANHATTAN.

Both of said claims are situated at an altitude of 5500 feet near the crest of the Cerbat Range in the rich Stockton Hill Section of the Wallapai Mining District, Mohave County, Arizona, and are reached by wagon and automibile road which crosses for nearly the len-

gth of the property in question and extends 12 miles/to Kingman, the County Seat of Mohave County, and principal mining supply point on the main line of the Santa Fe railroad in Northern Arizona. BERRY siding, an ore shipping point(remember this report speaking of matters as be in Dec. 1909) on the main line of the Santa Fe railroad is also only nine miles from the property, with a down grade the greater part of the distance. Almost adjoining the NEW YORK and MANHATTAN claims on the west is the valuable and extensive gold-zinc producing GOLCONDA property of the UNION BASIN MINING COMPANY, which is shipping at the present time 1000 tons of gold-zinc ore per month; and almost adjoining the said claims on the East is the rich gold-silver-lead and zinc BANNER GROUP recently purchased by the UNITED STATES SMELTING, REFINING AND MINING COMPANY,(and this company in 1970 the owner of the Gold Road Mine)while adjoining the said claims on both the North and South are properties known to contain extensive and valuable deposits.

TITLE TO PROPERTY

The two claims in question are not patented.(Here take note that same patented in 1921.)The statutory work and requirements have been complied with and there are no adverse or conflicting claims of any kind or character, and the title to both of said mining claims, as per the official record is clear and perfect.

GEOLOGICAL AND MINERALOGICAL FEATURES

The STOCKTON HILL section is well and favorably known and noteworthy for its many large and well defined/fissure veins containing extensive deposits of lead, copper and zinc sulphide, generally rich in gold and silver values. In some instances gold is the predominating value, in others silver, while frequently the gold and silver values are found about equal. Lead occurring as galena has thus far been the principal base metal, but copper and zinc are important products of many of the ore deposits, more valuable for their gold and silver contents than for their base metal contents.

The formation of the Stockton Hill Section is part and the same as that embraced within the area of the two claims in question and belong in the main to the pre-Cambrian complex and consists in this instance of porphyritic granite and granitoid rocks and extensive areas of metamorphic rock, consisting of gneisses and schists of

various kinds. All of these pre-Cambrian rocks have been subjected to active dynamic forces and are intruded by igneceous masses and dykes of granite, most of it aplitic, and also dykes of rhyolite, diabase and pegmatite, and one or two other rocks difficult of classification in the field.

The intrusive granite aplitic rocks and pegmatities occur co-extensive with the general formation of the WALLAPAI MINING DISTRICT, and the intrusive granite is not easily distinguishable in the field from its pre-Cambrian hosts and the rhyolite diabase, and probably a diorite occurs in an extensive system of dykes throughout the district. The ore deposits occur generally in strong, large and well defined fissure veins with courses ranging from twenty to sixty-five degrees west of north, and with dips toward the northeast, ranging from seventy degrees to vertical. The ore depoxsits are nearly always associated with the eruptive dykes, usually the rhyolite, diorite or aplitic granite. The gangue is quartz and the ores are sulphide of silver, lead, copper, and zinc, generally containing rich or important gold values. All the low grade sulphide ores are amenable to concentration into medium or high grade product. Many of the ore deposits indicate two epochs of ore deposition which promises well for the future of this section. As a matter of general information and interest I will state that most of the mineralized area of the Stockton Hill section has been recently acquired by the United States Mining, Refining and Smelting Company, who, in the near future contemplate the active and extensive development of this area with operations on a scale co-equal or superior to any previous metal, mining or smelting operations in the southwest.

DEVELOPMENT AND INDIVIDUAL DESCRIPTION OF CLAIMS.

The NEW YORK and MANHATTAN claims have a large, strong, well-defined fissure vein crossing their length of three thousand feet. There are one and probably two other parrallel veins embraced within the area of the claims in question on which no work has been done, and their mineral value and contents are unknown and not determinable until some development is done, but from my long and intimate knowledge of this section I believe it more than likely that valuable ore deposits will be found in them, but that opinion cannot be given consideration at this time in estimating the values of the proper-

ty in question. The main of what I would term the center vein first above mentioned is opened along its length of three thousand feet across the property in question by several shallow trenches, cuts and shafts, all exposing the vein, and more or less ore heavily oxidized containing good or promising gold values, also silver values and lead, copper and zinc. The copper and zinc not prominent. The principal development of the lode is on the New York claim, where a shaft is sunk on the main vein to a depth of ninety feet from which a small shipment of ore was made that returned values of $85.00 gold and eight ounces in silver per ton. The ore streak is practically continuous from top to bottom of this shaft and ranges from one to two and one-half feet in width. The general average of this ore in this shaft is close to two ounces in gold, eight ounces in silver per ton. North of this shaft and on the west slope is tunne driven for two hundred feet (now 300 feet) obliquely to the main vein, which if driven ahead a short distance would cut the main lode and ore deposit at considerable depth. The breast of this tunnel has cut a streak of oxidized ore twenty-two inches wide that samples $16.00 gold and eight ounces silver per ton. This streak also shows the presence of considerable lead and copper on which no qualitative or quantitative tests were made. North of the ninety foot shaft is an open cut exposing six feet of ore in width of oxidized ore that samples $6.00 gold and eight ounces silver per ton. This body also shows the presence of lead and copper. The best average grade of ore cannot be expected in this vein until the secondary enrichment and sulphide zone is reached, which will be below the water level and probably from 150 to 250 feet in depth on this property.

Wherever the ore is exposed by the superficial workings along the length of the vein on the two claims in question, the character of the ore and values are good or promising and indicate a very long ore chute. The ore chute on the BANNER GROUP almost adjoining on the East is found in the tunnel driven along the vein to be over two thousand feet long without a break in it and ranging in width from twenty inches to six feet of almost solid sulphide ore, composed principally of galena containing good and frequently high grade values in gold and silver, and the general surface indications were

little, if any, better than found on the main vein crossing the NEW YORK and MANHATTAN claims.

A very brief description of the principal mines of the STOCKTON HILL section by F. C. Schrader, of the United States Geological Survey is found on pages 68 and 69 in Bulletin No. 340 of Contributions to Economic Geology, issued by the United States Geological Survey. This description, coming from a member of the United States Geological Surve is a guarantee of its reliable and truthful character, besides Mr. Schrader is properly credited with being a very conscientious, careful and capable man, and his description is valuable to prospective investors, inasmuch as it fully verifies the favorable character, extent and richness of the ore deposit of the Stockton Hill section.

In closing I wish to say that the property I examined and have made the subject of this report is an unusually promising mining proposition. The development is not sufficient to place it beyond the prospective stage, but the element of undertainty , more or less, associated with undeveloped mining claims is in this instance reduced to the minimum with all the visible evidence and indications favorable that the righ mineralized vein in question will make with proper development and equipment, a valuable producing mine.

Respectfully submitted,

(Signed) J. D. Jordan

12/4/09.

Page 5 and Last Page....

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

Date August 8, 1946

1. Mine: NEW YORK & MANHATTAN Patented Mines

2. Location: Sec. ..... Twp. ..... Range ..... Nearest Town Kingman

Distance 12 miles Direction West Road Condition dirt road on hillside

3. Mining District & County: Wallapai Mining District, Mohave County, Ariz.

4. Former Name of Mine: Relocation of the Valient Mining claim, an abandoned mining claim

5. Owner: M. A. Sawyer

Address: 249 W. Dreifus St. San Pedro, Calif.

6. Operator: .....

Address: .....

7. Principal Minerals: Gold, silver and lead

8. Number of Claims: Two Lode Yes Placer .....

Patented Yes Unpatented .....

9. Type of Surrounding Terrain: Mines on hillside situated at an altitude of 5500 ft. near crest of Cerbat range in Wallapai District and reached by road from Kingman, Ariz., 12 miles distant.

10. Geology & Mineralization: The veins contain deposits of lead, copper and zinc sulphides with gold and silver values.

11. Dimension & Value of Ore Body: The New York claim has a shaft of 60 ft. The ore streak is continuous and ranges from one to two and a half feet in width. North of this shaft is a tunnel 300 feet. North of the 60 foot shaft is an open cut exposing six feet in width of oxidized ore that sampled $6.00 gold and eight ounces silver per ton. The mines join and presenting an area of 600 by 3000 feet — about 40 acres.

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

Ore Probable:

13. Mine Workings—Amount and Condition:

	No.	Feet	Condition
Shafts	1	90	Many small cuts have been made in different places in years past.
Raises			
Tunnels	1	300	No work done recently.
Crosscuts			
Stopes			

14. Water Supply: Springs and wells

15. Brief History: The New York and Manhattan are patented Mining claims. L. D. Birchfield and H. J. Martin took a lease and bond on the mines in 1938 and made a shipment to the smelter on March 26, 1938. I was to receive a 10 per cent royalty on all ore shipped and from the 30 ton shipment received a check for $35.32. Mr. Birchfield stated they obtained one assay in the long tunnel on the New York which ran 2 oz. in gold but they were unable to find any quantity of this class of ore and gave up the lease.
There has been no further work done.

16. Signature: M. C. Sawyer

17. If Property for Sale, List Approximate Price and Terms: Will give a lease and bond for $10,000 with a 10% royalty.

246 W. Dreifus St., San Pedro, Calif.

July 17, 1940

Mr. J. S. Corbal,
Director of Department of Mineral Resources,
Phoenix, Arizona

Dear Sir:

Your letter inquiring about my mineral claims near Kingman, Arizona received.

Am sorry to say I cannot give you any additional information. J. Hubert Smith has been looking after the properties for me but up to date has been unable to tie up the claims.

Would consider making a deal on the Copper Canyon mines, in Cedar Valley Mining District — Molybdenite and Copper — for ten thousand dollars cash ($10,000) and 10% royalty on all ores shipped.

Thanking you for the letter of inquiry and hoping some one interested in this kind of ore will make an investigation,

Sincerely,

(Miss) M. A. Sawyer
246 W. Dreifus St.,
San Pedro, Calif.

Any inquiries made please refer them to J. Hubert Smith
Kingman, Arizona

M N #1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date. June 16, 1939

Mine NEW YORK AND MANHATTAN

District Wallapai Mining District

Location Mohave Co.,Arizona, Cerbat, Stockton Hill

Former name

Owner M. A. Sawyer

Address 249 W.Dreifus St.,San Pedro,Calif.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals gold, silver, lead

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present None

Operations Planned

Number Claims, Title, etc. Two patented claims, the New York and Manhattan

Description: Topog. & Geog. Situated at an altitude of 5500 ft.near crest of Cerbat range in Stockton Hill section Wallapai Dist., and reached by road that crosses the property 12 miles from Kingman, Ariz. Cor. west is the Golconda property.

Mine Workings: Amt. & Condition The New York claim has a shaft of 90 feet. The ore streak is continuous and ranges from 1 to 2 1/2 feet in width. North of this shaft is a tunnel 300 ft.

(over)

Geology & Mineralization The veins contain deposits of lead, copper and zinc sulphide, with gold and silver values, lead occurring as galena has been the principal base metal.

Ore: Positive & Probable, Ore Dumps, Tailings

Mine, Mill Equipment & Flow Sheet None

Road Conditions, Route

Water Supply

Brief History No work has been done on the mines for several years until July, 1937 when Birchfield and Martin took a lease on the mine and made on shipment in December, 1937. I was to receive a 10% royalty on all ore shipped and received a check for $35.32. The lease was given up.

Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate. Am willing to give a lease and bond. For particulars write or see J. H. Smith, Kingman, Arizona.

Signed M. A. SAWYER, Owner.

Use additional sheets if necessary.

PAT.MAY 1921.Rec. Sept. 19,1921
NAME: Minnie A. Sawyer...

NEW YORK and MANHATTAN MINES

The New York and Manhattan are adjoining claims at Stockton Hill, Hill, Mohave County, Arizona, and are situated at an altitude of 5500 ft.near the crest of the Cerbat Range,twelve miles from Kingman on a wagon road. They are east of the Golconda Mine.They are nine miles from Derry Station on the Santa Fe Railroad.

The center vein of the property is opened along its length of 3000 feet across the property by several shallow trenches, cuts and shafts, all exposing the vein, and more or less are heavily oxidized containing values in gold, lead and a trace of copper and zinc.

The New York Claim has a shaft on the main vein ninety feet deep. There is no water in the shaft. The ore streak is continuous from top to bottom of this shaft and is from one to two and one-half feet in width. It averages two ounces in gold,eight ounces in silver. North of this shaft a tunnel is driven 300 feet. The breast of this tunnel has cut a streak of oridized ore 22 inches wide that samples $16 gold and eight ounces silver per ton.It also shows some lead.

North of the 90 foot shaft is an open cut exposing six feet in width of oxidized ore that samples $6 gold,eight ounces silver per ton,also shows the presence of lead. (This is a copy of a brief note made by Minnie A. Sawyer, the then record Owner.)

(REPORT OF J. D. JORDAN,M.E. ON THE NEW YORK AND MANHATTAN LODE MINING CLAIMS,Respectfully submitted by said person and signed 12/4/09.)==========Copied by J.H.Smith,Chloride,Arizona,86431. September 1, 1970...)

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Both of said claims are situated at an altitude of 5500 feet near the crest of the Cerbat Range in the rich Stockton Hill Section of the Wallapai Mining District, Mohave County, Arizona, and are reached by wagon and automibile road which crosses for nearly the len-

gth of the property in question and extends 12 miles/to Kingman, the County Seat of Mohave County, and principal mining supply point on the main line of the Santa Fe railroad in Northern Arizona. BERRY siding, an ore shipping point(remember this report speaking of matters as be in Dec. 1909) on the main line of the Santa Fe railroad is also only nine miles from the property, with a down grade the greater part of the distance. Almost adjoining the NEW YORK and MANHATTAN claims on the west is the valuable and extensive gold-zinc producing GOLCONDA property of the UNION BASIN MINING COMPANY, which is shipping at the present time 1000 tons of gold-zinc ore per month; and almost adjoining the said claims on the East is the rich gold-silver-lead and zinc BANNER GROUP recently purchased by the UNITED STATES SMELTING, REFINING AND MINING COMPANY(and this company in 1970 the owner of the Gold Road Mine)while adjoining the said claims on both the North and South are properties known to contain extensive and valuable deposits.

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The two claims in question are not patented.(Here take note that same patented in 1921.)The statutory work and requirements have been complied with and there are no adverse or conflicting claims of any kind or character, and the title to both of said mining claims, as per the official record is clear and perfect.

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The STOCKTON HILL section is well and favorably known and noteworthy for its many large and well defined/fissure veins containing extensive deposits of lead, copper and zinc sulphide, generally rich in gold and silver values. In some instances gold is the predominating value, in others silver, while frequently the gold and silver values are found about equal. Lead occurring as galena has thus far been the principal base metal, but copper and zinc are important products of many of the ore deposits, more valuable for their gold and silver contents than for their base metal contents.

The formation of the Stockton Hill Section is part and the same as that embraced within the area of the two claims in question and belong in the main to the pre-Cambrian complex and consists in this instance of porphyritic granite and granitoid rocks and extensive areas of metamorphic rock, consisting of gneisses and schists of

various kinds. All of these pre-Cambrian rocks have been subjected to active dynamic forces and are intruded by igneaceous masses and dykes of granite,most of it aplitic, and also dykes of rhyolite, diabase and pegmatite, and one or two other rocks difficult of classification in the field.

The intrusive granite aplitic rocks and pegmatities occur co-extensive with the general formation of the WALLAPAI MINING DISTRICT, and the intrusive granite is not easily distinguishable in the field from its pre-Cambrian hosts and the rhyolite diabase, and probably a diorite occurs in an extensive system of dykes throughout the district. The ore deposits occur generally in strong,large and well defined fissure veins with courses ranging from twenty to sixty-five degrees west of north, and with dips toward the northeast,ranging from seventy degrees to vertical.The ore depoxsits are nearly always associated with the eruptive dykes, usually the rhyolite,diorite or aplitic granite. The gangue is quartz and the ores are sulphide of silver,lead,copper,and zinc,generally containing rich or important gold values. All the low grade sulphide ores are amenable to concentration into medium or high grade product.Many of the ore deposits indicate two epochs of ore deposition which promises well for the future of this section. As a matter of general information and interest I will state that most of the mineralized area of the Stockton Hill section has been recently acquired by the United States Mining,Refining and Smelting Company, who, in the near future contemplate the active and extensive development of this area with operations on a scale co-equal or superior to any previous metal, mining or smelting operations in the southwest.

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ty in question. The main of what I would term the center vein first above mentioned is opened along its length of three thousand feet across the property in question by several shallow trenches,cuts and shafts,all exposing the vein, and more or less ore heavily oxidized containing good or promising gold values,also silver values and lead, copper and zinc.The copper and zinc not prominent.The principal development of the lode is on the New York claim,where a shaft is sunk on the main vein to a depth of ninety feet from which a small shipment of ore was made that returned values of $85.00 gold and eight ounces in silver per ton.The ore streak is practically continuous from top to bottom of this shaft and ranges from one to two and one-half feet in width.The general average of this ore in this shaft is close to two ounces in gold,eight ounces in silver per ton.North of this shaft and on the west slope is tunnel driven for two hundred feet (now 300 feet) obliquely to the main vein, which if driven ahead a short distance would cut the main lode and ore deposit at considerable depth.The breast of this tunnel has cut a streak of oxidized ore twenty-two inches wide that samples $16.00 gold and eight ounces silver per ton.This streak also shows the presence of considerable lead and copper on which no qualitative or quantitative tests were made. North of the ninety foot shaft is an open cut exposing six feet of ore in width of oxidized ore that samples $6.00 gold and eight ounces silver per ton. This body also shows the presence of lead and copper. The best average grade of ore cannot be expected in this vein until the secondary enrichment and sulphide zone is reached, which will be below the water level and probably from 150 to 250 feet in depth on this property.

Wherever the ore is exposed by the superficial workings along the length of the vein on the ~~two claims~~ in question, the character of the ore and values are good or promising and indicate a very long ore chute. The ore chute on the BANNER GROUP almost adjoining on the East is found in the tunnel driven along the vein to be over two thousand feet long without a break in it and ranging in width from twenty inches to six feet of almost solid sulphide ore, composed principally of galena containing good and frequently high grade values in gold and silver, and the general surface indications were

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Respectfully submitted,

(Signed) J. D. Jordan

12/4/09.

Page 5 and Last Page....

NEW YORK & MANHATTAN MINES, Wallapai Mining District, Mohave, County

For Information See: REPORT ON THE "CERBAT TRANSPORTATION DEVELOPMENT & DRAINAGE TUNNEL"

&

REPORT ON THE "NELSON TRANSPORTATION TUNNEL"

in "Geology Reports" File.

NEW YORK & MANHATTAN

Au, Ag, Pb

Mohave 8 -

M. A. Sawyer, 249 W. Dreyfus St., San Pedro, Calif. '39

'46

MN #1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date. June 16, 1939

Mine NEW YORK AND MANHATTAN

District Wallapai Mining District

Location Mohave Co.,Arizona, Cerbat, Stockton Hill

Former name

Owner M. A. Sawyer

Address 249 W.Dreifus St.,San Pedro,Calif.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals gold, silver, lead

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present None

Operations Planned

Number Claims, Title, etc. Two patented claims, the New York and Manhattan

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(over)

Geology & Mineralization The veins contain deposits of lead, copper and zinc sulphide, with gold and silver values, lead occurring as galena has been the principal base metal.

Ore: Positive & Probable, Ore Dumps, Tailings

Mine, Mill Equipment & Flow Sheet None

Road Conditions, Route

Water Supply

Brief History No work has been done on the mines for several years until July, 1937 when Birchfield and Martin took a lease on the mine and made on shipment in December, 1937. I was to receive a 10% royalty on all ore shipped and received a check for $35.32. The lease was given up.

Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate. Am willing to give a lease and bond. For particulars write or see J. H. Smith, Kingman, Arizona.

Signed M. A. SAWYER, Owner.

Use additional sheets if necessary.