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PRINTED: 01/31/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MANHATTAN GROUP

ALTERNATE NAMES:

HIDDEN TREASURE  
RODEO  
IRONCAP PATENT

COCHISE COUNTY MILS NUMBER: 19

LOCATION: TOWNSHIP 17 S RANGE 30 E SECTION 3 QUARTER C  
LATITUDE: N 31DEG 58MIN 24SEC LONGITUDE: W 109DEG 15MIN 48SEC  
TOPO MAP NAME: CHIRICAHUA PEAK - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER SULFIDE  
LEAD  
ZINC  
SILVER  
GOLD  
CALCIUM LIMESTONE

BIBLIOGRAPHY:

ADMMR MANHATTAN GROUP FILE  
ADMMR MANHATTAN DEVELOPMENT CO COLVO FILE  
KEITH, S.B., 1973, AZBM BULL. 187, P. 53  
WEED MINES HANDBOOK, 1926

03/20/90

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02/26/87

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ADMMR MANHATTAN GROUP FILE

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine **Manhattan Group**

Date **May 3, 1956**

District **California District, Cochise Co.**

Engineer **Axel L. Johnson**

Subject: **Present Status.**

Location **2 miles from Hilltop P. O. ----25 miles NW of Rodeo, N. Mex.**

Number of Claims **39 patented claims according to our report of Jan, 1940.  
Cochise County Court House gives the following records:**

11 claims in Manhattan Group  
11 " " Blow Out  
11 " " Margaret B.  
11 " " Monte Cristo  
11 " " Monte Cristo 1, 2, 3, 4  
11 " " New York 1  
11 " " Nipper

**Total of 77 claims owned by owner listed below.**

Owner **A. F. Noland, Portal, Ariz.**

Principal Minerals **Copper, Silver, Gold.**

*MM-26 has copy*

*MM-26*

*card*

**DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT**

Transmitted 1/15-40

~~M. M. C.~~

Date January 10, 1940.

Mine  Manhattan Group.

District California (Hilltop) Cochise County.

Location 25 mi NW from Rodeo, N. M.  
2 mi. road, from Hilltop P. O.

Former name Manhattan.

Owner J. M. Watson

Address P O Box 3777, Lowell, Ariz.

Operator Same

Address

President No corporation

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Copper, Gold Silver

Men Employed None

Production Rate Not established

Mill: Type & Cap. None

Power: Amt. & Type None.

Operations: Present  Prospecting only.

Operations Planned Depend on financing.

Number Claims, Title, etc. Thirty nine patented claims and fractions, 552 acres. Tax title. Deed from the State.

Description: Topog. & Geog. On spur running NE from main Chira\_cahua Mountain, which has general N-S direction. Main workings on NW slope of spur.

Mine Workings: Amt. & Condition 1 tunnel (upper) 325 ft, 250 ft open. Crosscut  
1 " (lower) 250 ft, all " " (needs 300 ft more )  
These workings are being prospected. On opposite side of spur is a tunnel 1200 ft with 4 short drifts.

**Geology & Mineralization** Country rock is porphyry (Andesitic) with limestone contact, higher up hill. Mineralization is Quartz, iron stained altered limestone, garnet, sulphides of iron and copper.

**Ore: Positive & Probable, Ore Dumps, Tailings** One car load of ore shipped from upper tunnel by leaser. Assays indicate the following values:

Motz:	Gold .03 oz,	Silver 4.2 oz	Copper 4.7 %	) Sulphides
P. D.	" .01 oz,	" .8 oz	" 2.13%,	Lead None, Zinc .7% ) from small
Denn	" .01 oz,	" .6 oz	" 1.87%	) stope on string-

er from main contact.

**Mine, Mill Equipment & Flow Sheet** ~~XXXX~~  
3000 ft of track 16 lb rail, two 1 ton ore cars end dump.

**Road Conditions, Route** Road is wash out for 1-1/2 miles from mine. Rest of road is good.

**Water Supply** Domestic water at four places on property. Water for mill could be had by a one mile pipe line. Deeper development in contact will doubtless develop more water.

**Brief History** Was first located in the '80s along with Hilltop mine. Acquired in 1928(?) by Manhattan Development Co, patented the claims and offered group to C & A Mining Co in 1930. Abandoned the corporation and property during the depression and property was sold for taxes.

**Special Problems, Reports Filed** To drive lower tunnel to contact which would have a depth of about 420 ft below surface. The upper tunnel had struck the contact and a wide vein of ore was found assaying 4% to 5% copper. A winze was started on the vein when the tunnel caved. Believed the ground will be easier to hold on lower tunnel level a/c being more solid.

**Remarks** Would like to get backing to drive lower tunnel to contact. Believe contact will show ore of size and grade to make a mine. Would undertake to complete tunnel into contact for \$3,000, including necessary timbering.

**If property for sale: Price, terms and address to negotiate.** Would sell outright at a reasonable figure but would prefer to give a substantial interest in the property for capital to drive the tunnel and prove the value of the property.

Signed J. M. Watson

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STATE OF ARIZONA  
OWNERS MINE REPORT

Transmitted 1-15-40  
M. M. C.

Date January 10, 1940

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(over)

DEPARTMENT OF MINERAL RESOURCES

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Signed.....J. M. Watson.....

Use additional sheets if necessary.

# REPORT

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copy of sealed  
original.

MR. W. G. RICE,  
Houghton, Michigan.

Dear Sir:—

I have finished a preliminary examination of the MANHATTAN property near Paradise, Arizona, and submit the following brief report:

**GENERAL:** The property is located about two miles northwest of the town of Paradise, and about twenty miles from Rodeo, New Mexico, the nearest railroad station. There are 36 patented mining claims in the MANHATTAN GROUP which are contiguously located along the eastern slope of the Chiricahua Mountains. The country is rough and mountainous, with considerable small timber and some water. A valley known as Jhu's Canyon drains the greatest part of the property and affords a natural inlet for roads and many available tunnel sites. The whole property is admirably adapted to quick and efficient exploration by tunnels on the veins whereby backs up to 1000' and 1500' may be readily obtained.

**NEIGHBORING MINES:** The Manhattan is adjoined on the south by the Chiricahua Development Company, on which some development was done years ago. Directly north are the Copperopolis claims, which have several promising veins but no development. About three miles southeast is the King Copper Company (formerly Cochise Development Company) now in litigation and in process of reorganization. This property has mined considerable ore and has good prospects of developing more. Two miles east of the Manhattan is the Ajax Mine & Metal Company, with a considerable tonnage of copper ore developed, and now considering the erection of a mill.

tion of a mill.

Directly northwest of the Manhattan is the Hilltop Mine. This property has been systematically developed, and as a result, a mine has been opened. From all reports this bids fair to be a large silver-lead producer, and a large tonnage of ore of very good grade is now in sight. The Manhattan property is on the southern portion of the Hilltop vein system.

**GEOLOGY and ORE DEPOSITS:** The whole Paradise district consists of paleozoic limestones with some quartzite intruded by a granite porphyry of Tertiary age with which the ore deposits are directly associated. Some ore occurs on the porphyry itself; more, directly on the contacts, and still more in the limestones, but always in relation to the intrusive rocks or in closely related fissures. Near and in the porphyry, copper ores predominate, and at greater distances from the intrusions lead-silver values are the more important. Shear zones and bedded veins in the limestones seem especially adapted to the formation of the silver-lead ore bodies; of this type is the Hilltop.

**LOWER PART of the MANHATTAN PROPERTY.** The lower, or southern third of the property is largely porphyry, and ores found here are mainly copper. A few small workings and one large tunnel have been opened in this portion of the property, and some ore has been found. The tunnel is a crosscut and does not seem to have been opened on anything in particular.

Many promising lime-porphyry contacts with good looking outcrops exist in this part of the property; one lying about 600' northeast of the tunnel, is especially worthy of development. Another good contact may be seen in the canyon about 1000' northwest of the tunnel.

All these contacts should be studied and mapped, and the best ones should be opened. All have good tunnel sites, from which depth can be obtained at the same time as distance along the vein is opened.

**UPPER PART of the MANHATTAN PROPERTY.** The upper, or northern part of the property rises very rapidly in elevation, and the limestone beds predominate in quantity. There are a few small workings here which show both copper and silver-lead ores. The veins and gossan outcrops here seem to me rather more favorable than below, and several of them warrant development. Good tunnel sites are available on all these veins.

The Hilltop mine previously referred to is opened on a shear zone approximately parallel in strike, and dip to the bedding of the limestones. These ore-deposits are on the same vein-system as is found on the Manhattan, and possibly best exposed there on the Jhu and Hidden Treasure claims.

**SUMMATION:** The Manhattan property is centrally situated in a mineralized district some ten miles long and from two to three miles wide. Little effective work has been done in the district except at the Hilltop mine, which has developed a valuable property.

The same conditions are found on the Manhattan as at the Hilltop and similar ore bodies may confidently be expected here. This portion of the property is very promising and warrants immediate development.

Many of the monzonite-limestone contacts on the southern part of the property show strong mineralization and the most promising of these should be explored. Further study of and mapping is necessary to determine the best method of attack. The chance of finding ore bodies is good on any of these contacts.

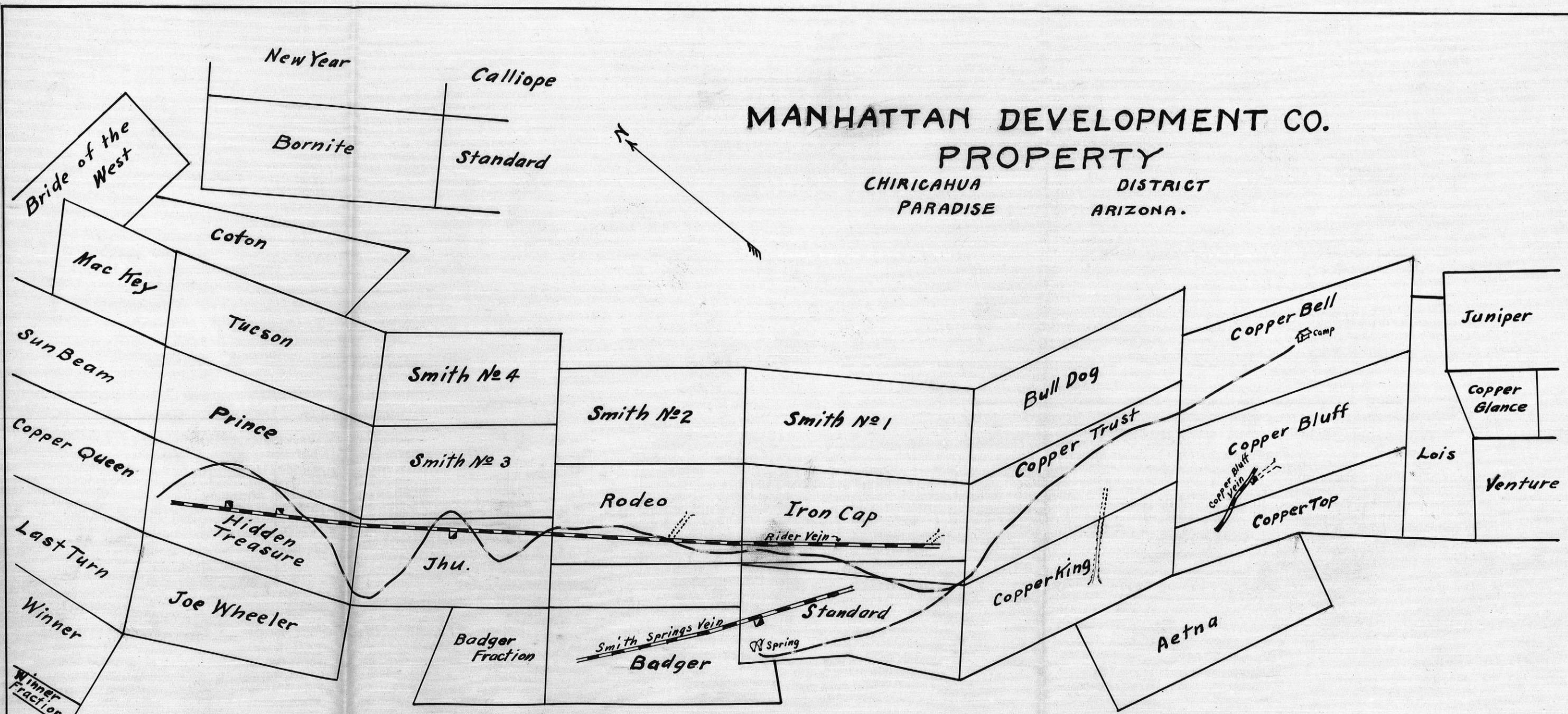
Respectfully submitted,

CHARLES W. BOTSFORD.

Phoenix, Arizona, August 18, 1919.

*Exam highlighted requires several days.*

**MANHATTAN DEVELOPMENT CO.  
PROPERTY**  
CHIRICAHUA DISTRICT  
PARADISE ARIZONA.



**LEGEND:-**  
 Vein   
 Trail   
 Shafts 