

Group CLAIMS
(J.D. Johnston)

4 mi. due N of Harding Dist
on W slope of Bald Mt. about 50
mi. N of Tonopah, & 75 mi. from
Goldfield

Au Cu

Nye County

(Nevada)

2960 0085

PLATORO CORPORA
SUITE 1
4344 E. INDIAN SCHOOL RD.
PHOENIX, ARIZONA

246

ITEM
85

11/9/17

*Mr. Darnell
East #2
being sent
Widener of mine
samples? Can samples
Specs. of ore & country rock
A. H. Codd - Regent
C. H. Putney*

- R E P O R T -

ON

J. D. JOHNSTON GROUP OF MINING CLAIMS

MARCH 5, 1916

This is to certify that I have examined the above property and submit the following report.

LOCATIONS

The group consists of seven full claims comprising in all approximately 140 acres. The names of the claims are NEWPORT #1, NEWPORT #2, NEWPORT #3, NEWPORT #4, NERO #2, BUTCH and PETE.

TITLE

The title to the ground is held by the customary mineral location and so far as I can discover is clear and undisputed. Location certificates are on record with both the County Recorder and the District Recorder.

SITUATION

The claims are situated about four miles due north of the town of Manhattan, Nye County, Nevada, on the west slope of Bald Mountain, about fifty miles north of Tonopah, and seventy-five miles from Goldfield.

DISTRICT

The Manhattan District is strongly mineralized for a distance of ten miles long by six miles wide, and is producing pay ore at intervals for this entire distance.

Three sixty ton mills are running continuously on ore that averages over \$30.00 per ton, with some mine outputs from one to three hundred per ton. There are large bodies of lower grade milling ores in the district that have been neglected in the past in search for high grade deposits. With the present reduction of the cost of mining and milling, these low grade deposits are just beginning to attract interest and will be of immense value.

The gold production of the district for 1911 was over one-half million dollars.

TIMBER

The claims are all covered with a thick growth of Pinion Pine and Cedar which is sufficient for all mine and fuel needs.

WATER

On the Nero #2 a spring has been developed and an underground reservoir constructed that is 24 X 12 X 12 ft.

This spring is exceptionally pure and runs the year round, and at the present time, which is the shortest water season in years, is flowing thirty gallons per minute, or 43,200 gallons per day. This flow is more than sufficient for milling purposes on the ground, and would more than supply the needs of the camp of Manhattan.

A clear water right goes with the ground and as the deep mines are draining the wells of the district this water will be of value for milling and domestic purposes in the town. An approximation of the

DEVELOPMENT

Sufficient work has been done on the group to admit of Federal Patent.

On the NERO #2, near the spring, a tunnel some three or four hundred feet long has been run, and material on the dump looks interesting, but the condition of some of the timbers made it unsafe to enter.

On the south line of the NEWPORT #2, the main tunnel has been driven 700 ft. south into the hill, crosscutting the PETE and BUTCH on their common end line, and entering the NEWPORT #4.

Twenty-five new six foot sets of timbers have been replaced in the main tunnel and will hold the ground in good condition.

At a point 350 ft. in, a station has been made where the tunnel encounters a vein known as Vein #1. A drift 60 ft. west has been driven on the vein from here. The vein split in this drift and both forks followed 25 ft.

Assays taken from the vein at this point show in a subsequent heading.

This vein is six feet wide on the surface and is broken near the split, but should open if drifted upon away from the split. Assays from the surface of this vein show below. Free gold can be seen in the ore on this outcropping.

Past the station a drift to the east has been run about 200 ft., but is caved in places and cannot be entered until some retimbering has been done.

At the face of the tunnel a nineteen foot ledge, known as Vein #2, has been cut, which looks very promising. Assays taken from surface and face show below.

A drift to the east runs 220 ft. and has two crosscuts, each 19 ft., the width of the ledge.

In the second crosscut, 150 feet from the main tunnel, a station has been cut and a winze sunk 42 ft. with same ledge matter at bottom.

A drift to the west runs 20 ft.

The tunnel taps ledge #1 about 150 ft. deep, and ledge #2 about 350 ft.

VALUES

Samples taken from surface of Vein #1:

1	\$ 6.80 per ton	6	\$ 1.00 per ton
2	20.80	7	12.40
3	2.60	8	3.20
4	43.20	9	18.40
5	35.20	10	.80

SAMPLES TAKEN FROM VEIN #1 IN TUNNEL

1	6.40	6	12.40
2	.60	7	7.60
3	3.20	8	.80
4	9.60	9	20.40
5	1.20	10	1.80

SAMPLES TAKEN FROM VEIN #2 ON SURFACE

1	7.20	11	154.61
2	1.60	12	5.18
3	2.00	13	.41
4	.80	14	.41
5	3.80	15	27.40
6	137.25	16	4.80
7	18.35	17	1.40
8	72.80	18	3.20
9	3.10	19	6.00
10	5.40	20	39.20

SAMPLES TAKEN FROM VEIN #2 IN DRIFT

1	7.80		10	1.55
2	20.60		11	5.75
3	2.20		12	10.20
4	.60		13	13.43
5	5.60	Feb. 25	14	7.00
6	8.40	Feb. 29	15	6.00
7	9.20	March 31		5.17
8	.60	April 29		8.86
9	3.30			

1916
Feb 14 - 7.90
" 29 - 6.00
Mar 31 - 5.17
Apr 29 - 8.86
May 15 - 5.17
" 31 - 10.34

CONCLUSION

I will say that the property is well deserving of further development in drifting on both ledges and sinking winzes below the tunnel level to reach the unoxidized zone, which would appear to be about 50 ft. below the present level. Other veins on the group also warrant development. The milling facilities and general conditions make it possible to work low grade ores and will show a profit on anything over \$3.25 per ton.

PERCY TRAIN, M. E.

J. D. JOHNSTON GROUP OF MINING CLAIMS

GOLD

Manhattan district, Nevada.

By Percy Train, M. E.

~~(No date)~~

3/5/16

PRESENTED BY E. F. B. DAUDE, ~~January, 1917~~ Nov - 1916.

SITUATION Seven full claims, approximately 140 acres. About 4 miles north of Manhattan, Nye County, Nevada, on west slope of Bald Mountain, about 50 miles north of Tonopah; 75 m. from Goldfield

TITLE held by customary mineral location. Claims apparently not patented.

TIMBER Claims all covered with pine and cedar, sufficient for all mine and fuel needs.

WATER Spring "developed." Flow of 30 gallons per minute, or 43,200 gallons per day, at time of report.

TRANSPORTATION Two roads connect the mine with the town of Manhattan. "Shorter road, four miles long, with expenditure of \$1000 and lengthening it to five miles, can be made just as good and almost as direct . . . as longer road, 10 miles; latter in good condition and can be used for heavy loads.

GEOLOGY Geological formation on different claims is very much the same and consists of eruptive rocks exclusively. Ledges highly silicious and impregnated with small crystals of hematite (oxide of iron) which in turn are impregnated with gold; in many cases gold being visible within the hematite. "The andesite of this belt is of the same period as the Goldfield formation, and with the exception of the presence of hematite in the veins, is almost identical.

Metallurgy. Ores from property can be milled on ground or in the custom mills in the camp. Require amalgamation and cyaniding of tailings, which is general practice of district. "This operation will work as well on unoxidized ores below water level."

MINE AND MILL COSTS Ore from a five ft. vein or over should be mined from tunnel at cost of \$1.25 per ton and milling costs on the ground should not be over \$2.50 per ton. (Total: \$3.75)

EQUIPMENT Track, car, blacksmith shop & equipment, 1 Fairbanks Morse 4 H.P. engine, air blower and 6 in. galv. iron air pipe to within 60 ft. of face of No. 2 east drift. Mining tools.

DEVELOPMENT "Sufficient work has been done on group to admit of Federal Patent." On NERO #2 tunnel some 300 to 400 ft. long. Not examined. "Material on dump looked interesting." On NEWPORT #2 main tunnel driven 700 ft. south into hill, crosscutting PETE and BUTCH claims, entering NEWPORT #4. At point 350 ft. in station made, where tunnel encounters vein known as #1. Drift 60 ft. west has been driven on vein from here. Vein split and both forks followed 25 ft. Vein 6 ft. wide on surface and broken near split. Free gold seen in ore on this outcropping. Past the station drift to the east 200 ft, but caved in places; retimbering necessary. At face of tunnel a 19 ft. ledge known as vein #2 cut; drift to east runs 220 ft., & has 2 crosscuts, each 19 ft., width of ledge. In second crosscut 150 ft. from main tunnel station has been cut and winze sunk 42 ft. with same ledge matter at bottom. Drift to west runs 20 ft. Tunnel taps ledge #1 about 150 ft. deep and ledge # 2 about 350 ft.

Samples taken from surface of vein #1, without widths given, run from 80¢ to \$18.40. Vein #1 tunnel: 80¢ to \$20.40. Vein #2 on surface, 41¢ to \$154.61. Vein #2 in drift: \$1.55 to \$13.43.

CONCLUSION "Property is well deserving of further development in drifting on both ledges and sinking winzes below tunnel leve to reach unoxidized zone. Other vein on group also warrant develop."

TONOPAH BELMONT DEVELOPMENT COMPANY

EXPLORATION

February 2, 1917.

Mr. Frederick Bradshaw, Gen. Mgr.,
Tonopah Belmont Dev. Co.,
Tonopah, Nevada.

Dear Mr. Bradshaw:

I have had presented to me the J. D. Johnston group of claims located four miles due north of Manhattan on the west slope of Bald Mountain.

This property was formerly known as the Johnston-Putney property. The man presenting it claims a 19 ft. vein of gold ore, and that the samples averaged from 41¢ to \$140, with an average of \$7 to \$10. I wish you would please inform me whether or not you have any personal knowledge of this property or whether you think you can obtain this information for me. Also, in case you or I find the property has more or less merit, whether or not you could send one of your Tonopah engineers to make a brief examination of the property to see whether or not it warrants development under a working option, granting a year or more time without cash payments.

Thanking you, I am,

Yours very sincerely,

Consulting Geologist.

PROPERTY

STATE

DISTRICT

Johnston
Nevada
Manhattan

J. D. JOHNSTON CO.

Newport, R. I. January 18, 1917.

Mr. E. F. B. Daude,

Dear Sir:

In answer to yours of the 13th, and Mr. Garrey's of 3rd and 9th, the vein where we have crosscut it is 21 feet wide, otherwise the width of the tunnel we are driving is 4'6" wide, and the usual height of such tunnels, about 7'0". Each assay sample is taken at the end of each month from the head or face of tunnel, as follows: The face is divided into 15 squares and a sample taken at the centre of each square, making 16 samples in all. These sixteen samples are pounded up fine, mixed and quartered, and a sample taken from each quarter and thoroughly mixed, said sample divided and sent to two assayers, one in the East, one in the West. The assay returns naturally show a little difference. These are added together and divided which gives the average. I consider this a good way of getting the gold value in the ore.

Allowing that this one vein on which we are driving the tunnel is 12 feet wide, which is less than $\frac{2}{3}$ rds. of what we have proven it to be, and 1200 feet long, less than $\frac{2}{3}$ rds of what it shows on the surface --and 400 feet high, this would give us 5,760,000 cubic feet of ore, average value \$7.00 per ton, gives us close to \$2,800,000. Allow one half of this for operating expenses, leaves a net profit of \$1,400,000. The above covers but one of the many veins on the property, and from all indications they go to great depth. Mr. Garrey could have a man run over from Tonopah and look the property over.

As to a long lease and bond on the property, I have not thought about this, and what I now propose will have to have my partners' sanction before it will be binding. We will
x // sell the property for \$50,000. -- \$8,000. cash, the balance \$42,000. to be paid in six years, or sooner, the first payment to be made one year after the \$8,000. is paid. The payments can be arranged to suit the purchaser of the property.

Yours very truly,

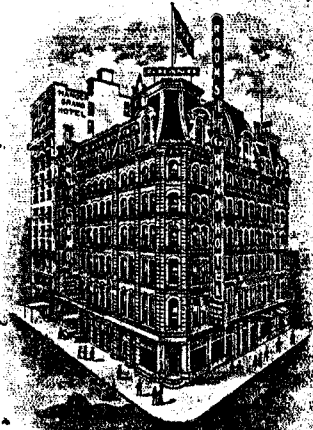
(signed) J. D. JOHNSTON.

Mr. Garrey's.
Copy.

**MANGER
GRAND HOTEL**

BOTH HOTELS UNDER THE SAME MANAGEMENT
PRIVATE OFFICE

**MANGER
HOTEL ENDICOTT**

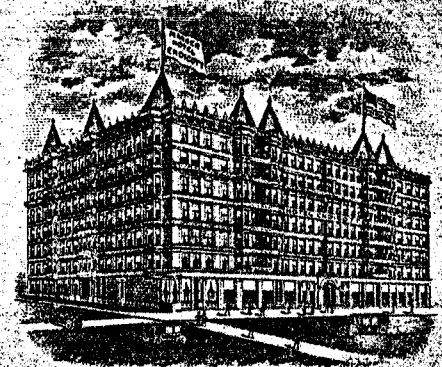


BROADWAY & 31ST ST.

1/3/17

RATES
ROOMS \$1.00 & UP
WITH BATH \$1.50 & UP
PARLOR, BEDROOM & BATH
\$3.00 TO \$5.00

NEW YORK



COLUMBUS AVE. 81ST TO 82ND STS.

Grand Hotel,
Dec. 12/16.

Tonopah Belmont Development Co.,
500 Bullitt Building,
Philadelphia, Pa.

Gentlemen:-

I have your letter of December 6th, and in answer I beg to enclose a summary of the properties located in the Manhattan District Nevada with maps. The properties are being developed right along and a mill is being built, and on a personal interview, I would be pleased to go over the data with you, and give you a general idea of what we intend doing, and what we would like to do. This property contains a tremendous deposit of free milling gold. Let me hear from you as soon as Mr. Garrey arrives, and I shall take opportunity to go to Philadelphia.

Trusting to hear from you favorably, and kindly keep the data at your office until further notice.

Yours very truly,

E. G. B. Daude

Hanging wall

Vein 1500' To East

shaft 45' Deep

Crosscut

May 31-1914

April 30-1914

31.0'

10.50'

5.00'

West Drift No 2

Vein 1500' West

And 360' To Surface

12.0'

East Drift No 2

58.0'

East Drift No 1

Ledge No 1

16'

10'

16'

200'

West Drift No 1

Ledge No 1

100'

0' to 100'

738.0'

Ground Plan of workings

Manhattan Mine

Johnston And Fitch Owners

350.0'

Track

Tunnel

Track

Tunnel Entrance

Draft 45 Dec

July 27, 1895

June 20 1912

12 Nov 1951

1896

1951

100

10

1950/12/27

2/22/05

Mar. 21, 1955

13485-722

1969

Dec 10 31 1961

Nov 10	Nov 30	Nov 40
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1978
Oct 21

9. 10

Ledge No.

Ground

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Johnston And

— Johnston Putney Property —

— Mayhew Nevada —

— 140 Acres —



Property -
Nevada -
ces -

