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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: NEW YEAR GROUP

ALTERNATE NAMES:

GIANT CLAIM
PATENTED CLAIMS MS 1499
PATENTED CLAIMS MS 2624

YAVAPAI COUNTY MILS NUMBER: 1001D

LOCATION: TOWNSHIP 13 N RANGE 1 E SECTION 30 QUARTER SW
LATITUDE: N 34DEG 28MIN 26SEC LONGITUDE: W 112DEG 18MIN 27SEC
TOPO MAP NAME: POLAND JUNCTION - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
ZINC
LEAD

BIBLIOGRAPHY:

USGS POLAND JUNCTION QUAD
BLM MINING DISTRICT SHEET 19
ADMMR NEW YEAR GROUP FILE

NEW YEAR GROUP MINING CLAIMS

The properties in this group are located in the Chapparal or Big Bag Mining District, Yavapai County, Arizona, and run parallel and adjacent to the Little Jessie on the south and the McCabe and Gladstone on the north. As shown on the attached sketch the New Year, the Opportunity and the Arroya and the Eva are held under United States patents.

In 1892 Frank Wright and James Butler found some very rich gold ore on the claim known as the Little Jessie, owned by John S. Jones who had his camp nearby. I met an acquaintance from New Mexico in Prescott who induced me to go in with him on a lease on the Northeast portion of the Little Jessie. We uncovered some rich ore, but not in a sufficient quantity. I found that a parallel vein had been located by Charles Rayn and as he was going to Bisbee I bought him out. This was the New Year Claim, acquired about January 1, 1893. The surface ore assayed \$30 in gold and 17 ounces in silver. At the same time I located the Opportunity and the Arroya. The Eva claim, I located in 1898 after finding ore near the surface that assayed \$88 and \$106 in gold.

The New Year vein on which most of the work has been done - a shaft over 300 ft. deep, levels at 80 ft. 176 and 300 ft., appears to be the mother vein as numerous cross veins show under these surfaces. I used to pick up some very rich float on the surface between the New Year shaft and the Little Jessie shaft, some dark sulphite that would assay 48 ounces in gold, but never could locate the vein. The cross cut on the 300 ft. level of the New Year was run 40 ft. trying to cut one of the cross veins. The New Year vein itself is fully 15 ft. between walls as shown on the surface where it crosses the Country Road.

The Arroya claim offer great opportunities for gold. About 60 ft. from the house northeasterly there is a blowout of red porphyry that pans gold and should show up well if some development work were done thereon. I may state here that the Little Jessie adjoining, produced over \$600,000 ore or \$100,000 from each level and the McCabe and Gladstone produced over \$1,000,000 down to the 11,000 ft. level.

On the Eva claim which is a true contact vein between a granite foot wall and the porphyry hanging wall, I sunk a shaft down 60 ft., but it is caved in now. There was 12 to 50 inches oxidized ore on the hanging wall, assaying \$15 in gold. Any of the old-timers, if there are any left, will know of the excitement when finding this vein and the rich surface ore.

(Letter written by Mn. H. K. Behn)

May 27, 1957

NEW YEAR GROUP

YAVAPAI COUNTY

This property inactive.

MARK GEMMILL

R E P O R T
o n
N E W Y E A R G R O U P
o f
M I N I N G C L A I M S .

SITUATION

The property is situated in Chapparal Mining District, Yavapai County, Arizona, and adjoins the well known "Little Jessie" gold mine.

ROADS

The nearest railroad point is Huron, three miles distant, and the Humboldt Smelter and railroad is only four and one-half miles distant. Twenty miles by good wagon road to Prescott. The county road passes the shaft house, and is down hill to all the points named.

POWER

The power used on the property is electrical.

SURFACE IM-
PROVEMENTS

1 Four roomed frame house.
2 1 room houses

WATER

For domestic purposes is obtained from the Little Jessie pipe line. The mine makes some water but none more than can be

Equipment

1- 50 HP boiler

1- 25 HP Hoist

Mining tools for hand drilling

easily handled by the bucket.

CLAIMS

The property comprises four claims named, as follows:

Opportunity, New Year and Arroya.

These three claims are patented. Giant Claim is held by the performance of annual assessment work.

TREND

Trend of vein North North-east, South South-west, ~~from horizontal~~.

DIP

Dip of vein is generally eastwards ^{from horizontal} 76°, with a rake and throw to North-east.

T O P O G R A P H Y

The property is situated on the eastern slope of an abrupt granite uplift, with rounded ridges and deep, cut canyons. With a st deep declination to the East. The mountain is a spur of the Bradshaw Range.

GEOLOGY

and

ORE OCCURRENCE

The general formation at the im-

mediate vicinity of the property is gray granite, grading to diorite and by alteration by movement and adjustment the latter changes to dioritic schist. Later intrusions into the mass are noticeable, especially a tongue of hard compact diorite.

The mineralization and formation of quartz is along the movement or altered planes. It is along a North North-East, South South-West fissure of this description that the New Year vein has formed.

Accompanying the vein on both sides is soft plastic gouge and schistose, or porphyrised material. This is generally distinguishable especially on the surface by the coloration resultant of oxidization of the pyrite contents.

VEIN

The vein has in its composition galena, zinc, gold and silver, and its condition at different points is more particularly described under the head of sampling.

The quartz veins described elsewhere, although barren or of low contents on surface, have the possibilities of constituting ore at depth.

The ore forms in lenses in an easement gangue, which is low in mineral contents. However, there is a possibility of the

entire filling between walls, becoming mineralized at depth. General conditions of the vein suggest this.

The best values in the vein are associated very distinctly with the lead zinc streaks or ore lenses. The gangue outside of these conditions has undoubtedly been deprived of its metalliferous contents by vadose action or the agency of surface waters, at the point of termination of this action the entire material between walls, will it is reasonable to conclude, constitute the permanent vein.

MAIN WORKINGS

The main shaft is down to a depth of 298 feet, with 56 feet of sump.

First level North-east is 65 feet in length and South-west 125 feet. Considerable stoping has been done in both directions in these levels, and in some spots now badly caved, therefore, difficult of ingress.

Second level at depth of 156 feet, both North-east and South-west. Drifts could not be entered on account of caving.

Third level 242 feet deep. North-

east drift is 135 feet in length, and South-west drift 110 feet.

At end of North-east drift is a cross cut from the vein in a North-west direction 29 feet in length. This was run for the purpose of exploring the schist in expectancy of discovering lenses of ore which are very probable to exist in the schistose conditions.

First levels West, course 30° East of North, 125 feet from shaft to face. All this level is in schistose gouge and plastic material. Portions of the vein has been stopped. The face illustrates the general occurrence of mineralization.

North-east drift first level 65 feet in length all soft plastic oxidized material, no definite quartz vein, only vein material. A tongue of dolerite courses along the drift about one foot in width and splits along its course about midway along the drift. The dolerite is much altered.

Second level South-west, similar vein and general conditions exist to where ~~the roof is caved, consisting of plastic~~ yellow gouge. Both walls are smooth and polished.

Third level South-west. The vein is well defined, with the ordinary selvage or gouge on each smooth wall, but its course is rather sinuous.

North-East drift. The vein is filled full length of drift with streaks of zinc and sulphide mineralization, and has the suggestive features of more lenses of ore being encountered when carried forward.

On the North-east 300 foot level, at the end of the working, a cross cut has been driven 29 feet to North-west.

The formation encountered is blue diorite, the schist lying between this diorite and the gray granite has just been reached. It will be necessary to continue the drive into the schist to demonstrate the existence of ore shoots which are very probable to exist, as previously stated.

20 foot vertical shaft near North side line, shows 3 foot wide white quartz. May carry values at depth. Course of vein East-West.

Giant Claim 40 foot open out. 2 feet crushed vein material, quartz with brown ferruginous oxides, with three feet

of oxidized vein material still on the south side.

There is quite an extended alteration at this point, with an additional three feet on the North side.

15 feet vertical shaft close to open cut in gray granitic schistose material.

DESCRIPTION OF SAMPLING.

- Sample No. 1 22 inches of white quartz, west side of 20 foot open cut.
- No. 2 18 inches of crushed quartz east side of open cut, with 26 inches of quartz on north side, continuation of sample No.1.
- No. 3 Across face first level west five feet, cross section of vein, as follows:
4 inches yellow oxidized gouge,
1 inch soft plastic gouge, 5 inches zinciferous ore, 18 inches granular quartz with finely disseminated sulphides partially oxidized, 9 inches zinciferous ore with two solid streaks, one inch in width, 30 inches to right wall, granular quartz.

- No. 4 30 inches from left wall face of drift including zinc streaks.
- No. 5 36 inches right of face slightly oxidized quartz and schistose material, including zinc streak.
- No. 6 36 inches at floor level at face, hard blue banded quartz.
- No. 7 Across face at caving, 30 inches of oxidized material quartz, sulphides, zinc and lead.
- No. 8 *Second*
~~Third~~ level 8 inches zinc ore in roof. The streak runs along drift ranging from a seam to 8 inches, 10 inches and 12 inches, enclosed in gouge material 18 inches in width.
- No. 9 12 inches gray soft vein material, showing sulphides in roof near caving. The drift continues beyond this point but unable to penetrate on account of its caved condition.
- No. 10 North-east drift 120 feet in length.
30 inches face of drift, soft

crushed vein material showing ferruginous
sulphides and zinc.

No. 11 16 inches on hanging wall side of
drift oxidized gouge material.

No. 12 Third level North-east lenze of
ore ranging from 6 inches to 18 inches wide,
mainly iron pyrite slight lead and copper
contents. Assayed for gold only.

No. 13 20 foot vertical shaft Arroya
Claim, 6 inches quartz. Assayed for gold
only.

RESULT OF ASSAYS.

No.	Gold	Value	Percentage	
			Lead	Zinc
1	Trace			
2	Trace			
3	.04	.80		
4	.40	8.00	0.50%	1.30%
5	.08	1.60	1.00%	1.30%
6	.04	.80	Trace	3.40%
7	.03	.60	Trace	2.80%
8	.80	16.00	0.50%	13.80%
9	.04	.80		
10	.08	1.60		
11	Trace			
12		8.10		
13		18.00		

CONCLUSIONS

and

RECOMMENDATIONS

This property has already produced some ore of high value, and has some of lower contents in the workings. And there is every possibility of more ore being discovered of commercial value by intelligent exploratory work. The property is unquestionably sufficiently meritorious and promising to warrant

expenditure for this purpose.

The workings on both sides of the shaft on the lower level should be carried forward in both directions as there is every indication of more ore lenses being encountered. The main shaft should also be sunk another hundred feet deeper, and drifts run in both directions along the vein. There seems very little question but what more ore will be discovered at that level and probably of bigger dimensions, and additional values in its contents, for the reason that in all the present levels there is every evidence of considerable leaching and alteration of the vein and it is reasonable to expect that such agencies have been less active at a further depth.

With practical development on the lines as indicated, I certainly and decidedly hold the favorable opinion that the property will develop into one of substantial value and merit.



MINING ENGINEER.

Dated at Phoenix,
October 25, 1916.

Copy of original Sealed.
J.M. 2002.

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