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REPORT ON PROPERTY

OF

THE ANTELOPE MINES COMPANY

NYE COUNTY, NEVADA.

Examined Nov. 10,11,18 & 19,1920.
Reported Nov. 24, 1920.

By A. F. Carper.

REPORT ON PROPERTY

OF

THE ANTELOPE MINES COMPANY

NYE COUNTY, NEVADA.

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LOCATION

This property is located in the Antelope Mining District thirty-one miles east of Goldfield and about one-half mile west of Antelope Springs, T. 4 S., R. 47 E. Goldfield is the nearest postoffice and point for supplies. Ore or equipment can be shipped to and from Stonewall Station, on the T.& T. Railroad, a distance of eighteen miles.

CLAIMS AND AREA

There are three claims known as the Antelope View, Chloride and Western Union No. 1, covering about sixty acres.

OWNERSHIP & TITLE

The ownership is possessory, being held by right of discovery and location. Now held by the Antelope Mines Company. Mr. P. T. Jordan of Goldfield is President and holds the control of the stock. This Company is incorporated under Nevada laws for 1,000,000 shares, with a par value of $1.00 per share - 594,000 shares held as promotion stock, the balance or 406,000 shares being treasury stock. 29,570 shares of treasury stock were sold leaving 376,430 shares still in the treasury.

HISTORY

This property was located in March, 1906, by Mr. P.T. Jordan who later turned it to the Antelope Mines Company in 1912. In 1912 there were several sets of lessees working blocks of ground

on the vein, in fact the majority of development was done by these lessees.

FACILITIES

Transportation. There are two roads from Goldfield to the property, one is thirty-one miles and one thirty-nine miles. The shorter one thru Cactus is washed out at present, making it necessary to travel the longer route.

Power. The nearest electric power is at Goldfield where the Nevada-California Power Company's lines can be tapped. For development work fuel oil will have to be depended upon for power.

Water. The owners claim that enough water for a small mill and domestic purposes can be developed at Antelope Springs.

Timber. There is no timber in this vicinity for mining or camp uses.

TOPOGRAPHY

The property lies in the low rolling hills to the west of Cactus flat. These hills are so low and flat that all development must be done in shafts.

GEOLOGY

General. The rock formation in this district consists of a series of rhyolite flows. These rhyolites are quite different in character, one type being very coarse-grained and approaching a quartz porphyry. Some is fine-grained, and still another more basic and approaches a chloritic andesite.

The veins are white quartz with crushed rhyolite inclusions, and show some manganese and limonite. All have a northerly strike and dip to the west. Between the veins are small quartz stringers up to 6 inches in width.

Local. On this property there are two distinct flows of rhyolite. The quartz porphyry type predominates and carries the veins which are of the fissure type. The hanging-wall section is quite hard and the footwall section is confined between heavy fault slickensides.

ORE OCCURRENCE

The ore occurs in the hanging wall section of the vein, which varies in width from 2 feet to 7 feet and has a dip of 28 degrees to the west.

From the surface to the 135 foot point on the incline the vein is oxidized and shows only traces of copper carbonate to this point in association with the gold and silver values. At the 135 foot point the sulphide ore comes in abruptly and at the 150 foot point a small amount of water was encountered.

It is very possible that there has been a certain amount of secondary enrichment as all the minerals necessary for enrichment are present. Also there has been a migration of copper as none shows above the 50 foot point in the incline shaft.

There is a possibility of a southern rake to the ore shoots as all the small cross veins have a dip to the south and these may influence the ore deposition. The samples taken in the incline shaft indicate such a condition.

DEVELOPMENT

The development in the main shaft consists of an incline 200 feet deep, at the 160 foot point, a drift north 100 feet long, one south 25 feet long and a foot-wall crosscut 100 feet long to what the owner calls a cross vine, upon which there has been 15 feet of drifting.

Northeast of the shaft a shallow tunnel crosscuts the vein and connects with the shaft. There has been 200 feet of work done in this tunnel.

The Murty shaft located about 200 feet northeast of the main incline is 100 feet deep on a 21 degree incline, with a drift north 50 feet. This incline is on a foot-wall vein, is badly crushed and shows from 1 to 2 feet of talc gouge on both the foot and hanging walls. 200 feet south of the main shaft there is an incline 200 feet deep which shows no ore of commercial value at present. Beside the above there are four more shafts from 50 to 100 feet deep on the vein.

EQUIPMENT

Equipment consists of a three room cabin, blacksmith shop, hoist house, 15 hp. Fairbanks-Morse hoist, two head frames, rails, skip, cable, mine car and some hand mining tools.

PRODUCTION

The owners claim to have shipped a gross value of $35,000. worth of ore from the main shaft, which gave an average value of $131.00 a ton with silver at 58 cents an ounce.

SAMPLING

Samples were cut at intervals of 10 feet from the surface to the water level on the south side of the main incline and the same interval on the north side to the 100 foot point. From this point to water there is no ore on the north side of the shaft.

The balance of samples taken were cut from the surface and in the Murty incline.

ORE RESERVES

The development work at present will not allow for any calculation of ore reserves of either a positive or possible nature.

PRICES AND TERMS

The purchase price for this property is $30,000. which does not include 35,500 shares of stock which have been sold and are in unknown places.

Terms. Initial payment, if any, and time of payments can be arranged to suit as owner did not wish to make statement on any terms.

SUMMARY

In the oxidized zone there is one ore shoot of unknown length which the owner claims has produced a gross value of $35,000. The sulphide zone is reached at water level 160 feet deep, and reports

are that the ore is of a more uniform character. Water of an unknown amount will have to be pumped the amount being too large for a fifteen horsepower hoist to handle with a skip.

CONCLUSIONS

The condition of the shaft showing ore on only one side and no ore in the other workings gives the impression that this is only an enriched pocket in the rhyolite.

There is no enrichment in the sulphide zone though it is possible that the values will be more persistent.

Though a number of good samples were obtained, the smallness of the vein, its very spotted character, and no ore present in any other workings on the vein makes this property too small for further consideration.

Respectfully submitted,

A. F. Carper

Examined Nov. 10,11,18 & 19, 1920.
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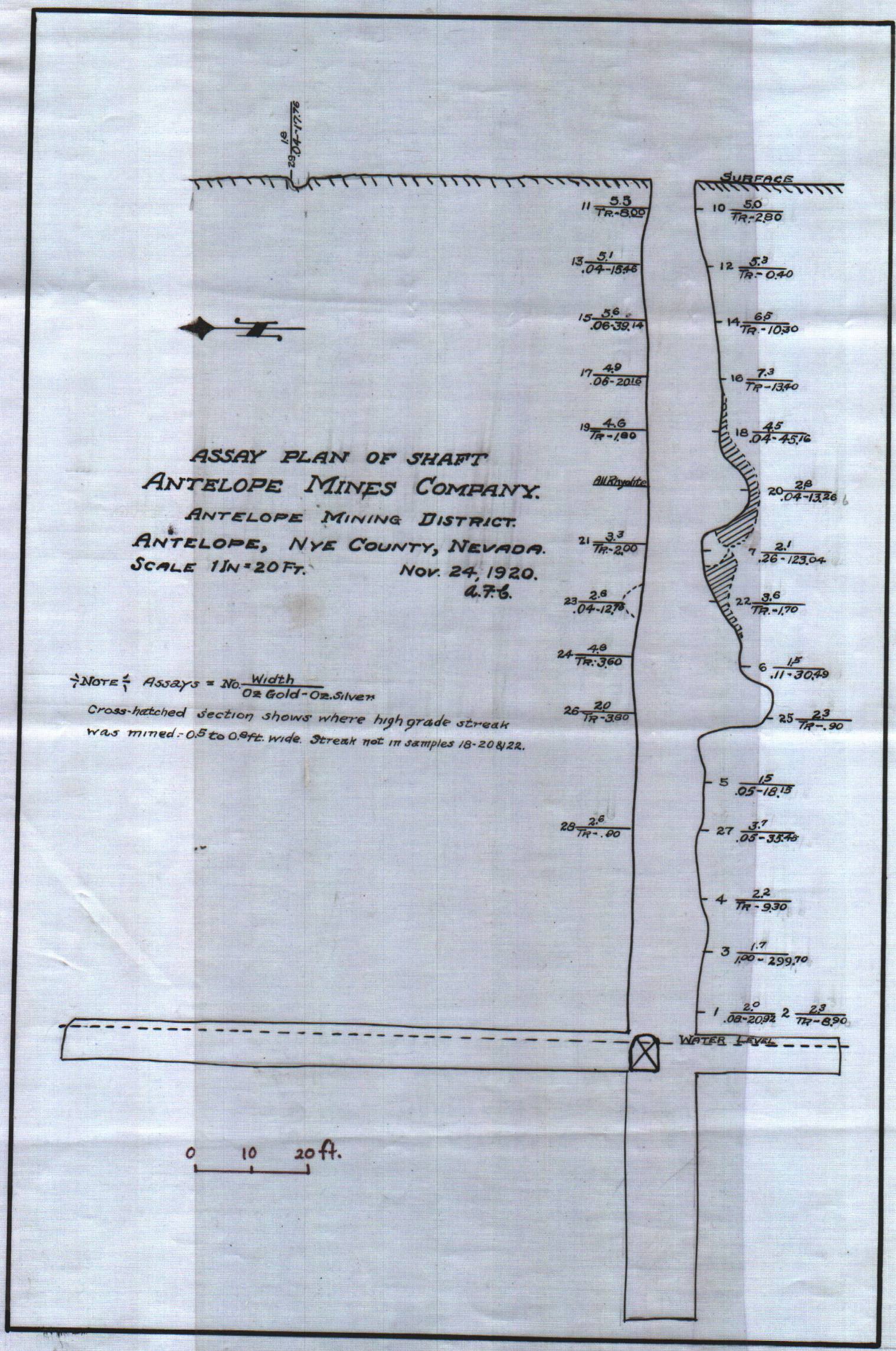
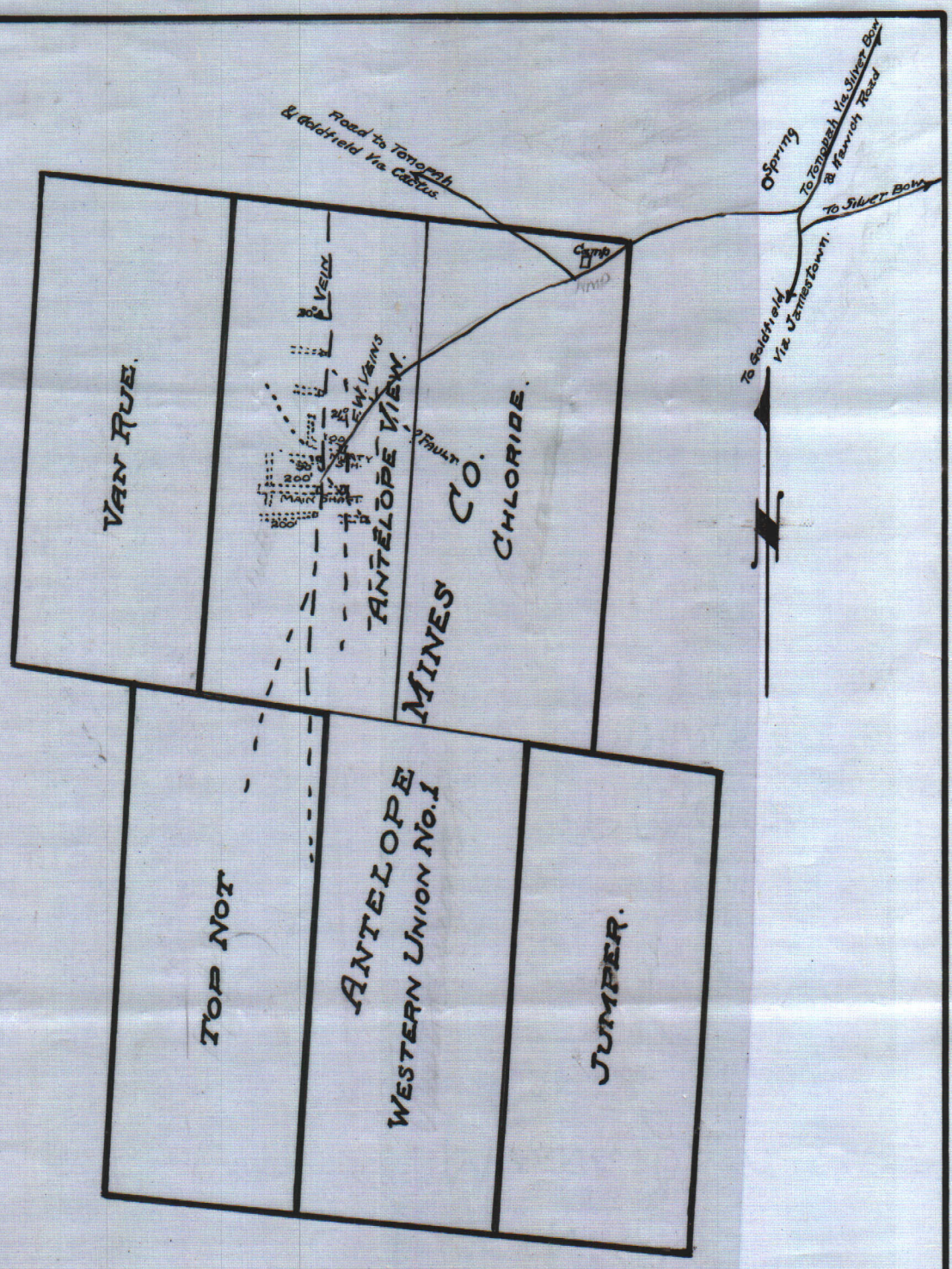
SAMPLES.

No.	Width	Ozs.Gold	Ozs.Silver @ $1.00	Value	Description
1	2.0	.08	$20.92	$22.12	Cut across vein sulphide ore 5 feet above water, 145 ft. below surface, south side shaft.
2	2.3	Tr.	8.90	8.90	Cut across footwall section oxidized ore. 145 ft. below surface extension of sample #1 south side shaft.
3	1.7	1.00	299.10	319.10	Cut across vein sulphide streak junction sulphide and oxide ores 135 ft. below surface wouth side shaft.
	Shows also 8.10% copper				
4	2.2	Tr.	9.30	9.30	Cut across vein same streak as sulphide ore, 125 feet below surface, south side shaft
5	1.5	.05	18.15	19.15	Cut across vein south side shaft, 105 ft.below surface.
6	1.5	.11	30.49	32.69	Cut across vein south side shaft 85 ft. below surface.
7	2.1	.26	123.04	128.24	Cut across vein south side shaft, 65 ft. below surface.
8	-	.38	93.12	100.72	Grab of sulphide ore from shaft, 20 ton pile.
10	5.0	Tr.	2.80	2.80	Cut across vein 5 ft. below surface, rhyolite and quartz mixed, no hanging wall south side shaft.
11	5.5	Tr.	8.00	8.00	Cut across vein north side shaft. 5 ft. below surface.
12	5.3	Tr.	0.40	.40	Cut across vein south side shaft 15 ft. below surface.
13	5.1	.04	15.96	16.76	Cut across vein north side shaft 15 ft. below surface.
14	6.5	Tr.	10.30	10.30	Cut across vein south side shaft 25 ft. below surface.
15	5.6	.06	39.14	40.34	Cut across vein north side shaft 25 feet below surface.
16	7.3	Tr.	13.40	13.40	Cut across vein south side shaft 35 ft. below surface.

No.	Width	Ozs.Gold	Ozs.Silver @ $1.00	Value	Description
17	4.9	.06	20.16	$21.36	Cut across vein north side shaft 35 ft. below surface.
18	4.5	.04	45.16	45.96	Cut across vein south side shaft 45 ft. below surface 1 ft. best ore mined not in sample.
19	4.6	Tr.	1.80	1.80	Cut across vein north side shaft 45 ft. below surface.
20	2.8	.04	13.26	14.06	Cut across vein south side shaft 55 ft. below surface 5 ft. best ore not in sample mined out.
21	3.3	Tr.	2.00	2.00	Cut across vein north side shaft 65 ft. below surface.
22	3.6	Tr.	1.70	1.70	Cut across vein south side shaft 75 ft. below surface. 8 ft. best ore mined not in sample.
23	2.6	.04	12.76	13.56	Cut acorss vein north side shaft 75 ft. below surface.
24	4.8	Tr.	3.60	3.60	Cut across vein north side shaft 85 ft. below surface.
25	2.3	Tr.	.90	.90	Cut across vein face short drift with 95 ft. below surface. 16 ft. south center shaft.
26	2.0	Tr.	3.80	3.80	Cut across vein north side shaft 95 ft. below surface.
27	3.7	.05	35.45	36.45	Cut across vein south side shaft 115 ft. below surface.
28	2.6	Tr.	0.90	0.90	Cut across vein north side shaft 115 ft. below surface.
29	1.8	.04	17.76	18.56	Cut across vein surface cropping 62 ft. north of main shaft at possible junction of vein and cross vein.
30	3.0	Tr.	1.30	1.30	Cut across foot-wall vein in tunnel about 50 ft. east of shaft.
31	2.0	Tr.	3.40	3.40	Cut across west side north drift 100 ft. level Murty shaft 20 ft. north shaft. Heavy fault slickenside both foot and hanging walls, f.w. vein.
32	1.8	Tr.	6.90	6.90	Cut across west side north drift 100 ft. level Murty shaft, 40 ft. north of shaft.


ASSAY PLAN OF SHAFT
ANTELOPE MINES COMPANY.
ANTELOPE MINING DISTRICT.
ANTELOPE, NYE COUNTY, NEVADA.
SCALE 1 IN = 20 FT.
NOV. 24, 1920.
A.F.G.
NOTE Assays = No. Width / Oz Gold - Oz. Silver
Cross-hatched section shows where high grade streak was mined - 0.5 to 0.8 ft. wide. Streak not in samples 18-20 & 22.
SURFACE
WATER LEVEL
All Rhyolite
29 1.8 .04-17.76
11 5.5 Tr.-8.00
13 5.1 .04-15.46
15 5.6 .06-39.14
17 4.9 .06-20.16
19 4.6 Tr.-1.80
21 3.3 Tr.-2.00
23 2.8 .04-12.78
24 4.8 Tr.-3.60
26 2.0 Tr.-3.80
28 2.6 Tr.-.90
10 5.0 Tr.-2.80
12 5.3 Tr.-0.40
14 6.5 Tr.-10.30
16 7.3 Tr.-13.40
18 4.5 .04-45.16
20 2.8 .04-13.26
7 2.1 .26-123.04
22 3.6 Tr.-1.70
6 1.5 .11-30.49
25 2.3 Tr.-.90
5 1.5 .05-18.15
27 3.7 .05-35.45
4 2.2 Tr.-9.30
3 1.7 1.00-299.70
1 2.0 .08-20.92
2 2.3 Tr.-8.90
0 10 20 ft.



MAP SHOWING CLAIMS
OF
ANTELOPE MINES COMPANY.
&
P. T. JORDAN

0 250 500 ft.

ANTELOPE MINING DISTRICT.

ANTELOPE - NYE COUNTY - NEVADA.

SCALE 1 IN = 500 FT.

NOV. 24th 1920
A.F.G.

NOTE: Claims drawn from location notices - Veins & Workings are relatively placed.