

PRELIMINARY REPORT

ON

GOLD PEN MINES COMPANY PROPERTY

ITEM

29

This property is owned or controlled by Richard Cowles, of Reno, Nevada.

LOCATION

The property is located in the Bovard Mining District, Mineral County, Nevada, and is 27 miles northeast of Luning, Nevada, on the Southern Pacific Railroad. It is about the same distance from Nolan Station on the east side of Walker Lake, but at the present time the Nolan road is badly in need of repairs.

HOLDINGS

There are either 13 or 15 claims in the group (mostly fractions) and cover approximately 200 acres.

GEOLOGY

The area consists of a series of Tertiary lavas.

The vein follows a fault fissure along which the hanging wall section has been dropped several hundred feet. After the faulting, hot waters along the fissured zone, which is probably 150 feet wide in places, thoroughly kaolinized the porphyry within the fissured area, and in the neighborhood of the Gold Pen shaft thoroughly kaolinized the footwall section for several hundred feet and to near the top of the mountain.

In the hanging wall of the vein, east of the Gold Pen shaft and toward the boarding house, there are some areas where the rock has been classified as andesite. These are areas where very little kaolinization has taken place. All of the other rocks have been classified as rhyolite. In this section of the hanging wall there are occasional phenocrysts of quartz present, and this would make the determination of the andesitic rocks dacite.

In the vein proper and in the footwall section of the vein the phenocrysts of quartz are abundant, and for that reason it has always been considered as rhyolite.

From a point near the Gold Pen Rand shaft, which is approximately 2000 feet southeasterly of the Gold Pen shaft, the footwall rocks are very dark in color, showing the presence of many ferromagnesium minerals. Apparently there is no faulting to account for the changes in color of these rocks. These rocks also have the same abundance of quartz phenocrysts and are therefore undoubtedly the same porphyry that has undergone very much less kaolinization. I have therefore classed the footwall rock as dacite also. The earlier flows were therefore more acid than the later ones, but all dacites. Higher up in the series there are rocks that look from a distance like andesite and basalt.

Kaolinization has taken place in the fissured area throughout the area of the Gold Pen Rand property and throughout the Merz property to the north.

↖ south of Merz prop.

VEINS AND ORE BODIES

The vein is an area of silicified porphyry and vein quartz in the fault fissure zone. There are several slips in the zone, the more prominent of which I have shown on the map of the workings.

The Gold Pen mine is said to have produced \$450,000.00 from high grade pockets near the surface.

The original discovery was made at the shaft collar and about \$90,000.00 is said to have been taken out in a very small space.

The tops of two surface stopes lie about 30 and 60 feet respectively, about S. 35 deg. E. of the shaft. One was about 15 feet long and the other 30 feet long, and they were between 3 and 4 feet wide.

Irregular stopes extend toward the 50 foot level, and many chutes show along the south drift from this level.

At a point 12 feet north of the shaft on the 50 foot level there is a winze that connects with the top of a stope, about 50 feet long and 25 feet on its dip, shown in the section. There is also a small stope in the hanging wall area here.

The Ferretti boys, who owned this property for quite a long time, shipped one carload of ore that netted \$22,000.00, and also shipped some other very good cars.

#### SAMPLES AND ASSAYS

I took only enough assays to give an idea of the value of the silicified areas on the different levels of the mine. There are no visible division points in the vein and it would be necessary to mine either all or none of it. The results are so low that it is very apparent that not even good small streaks exist.

ASSAYS				OZS.	
NO.	WIDTH	LOCATION		GOLD	VALUE
1	11.0	North end 245 ft. level drift unoxidized mostly talc		.02	\$ 0.70
2	20.0	Crosscut 245 ft. level 70 ft. north of shaft quartz		.08	2.80
3	20.0	"	245 ft. level 50 ft. north of shaft "	.06	2.10
4	28.0	"	245 ft. " 20 " " " "	Tr.	-
5	5.0	South face 200 ft. level 160' south " " "		.04	1.40
6	15.0	Crosscut 200 ft. level 75 ft. " " "		Tr.	-
7	20.0	"	200 ft. " 15 ft. " " "	Tr.	-
8	12.0	"	200 ft. " 80 ft. north " " "	.04	1.40
9	20.0	"	125 ft. " 260 ft. south " " "	.04	1.40
10	21.0	"	125 ft. " 200 ft. " " "	Tr.	-
11	31.0	"	125 ft. " 100 ft. " " "	.04	1.40
12	10.0	"	125 ft. " at shaft	.08	2.80
13	4.5	Face of 125 ft. " drift (north)		.14	4.90
14	5.5	Across back 50 ft. " 70 ft. south of shaft "		Tr.	-
15	5.0	"	" 50 ft. " 35 ft. " " "	.04	1.40
16	9.0	Crosscut 50 ft. " 20 ft. north of " "		.22	7.70
17	6.0	"	50 ft. " 55 ft. " " "	.04	1.40
18		Grab of dump near tunnel portal where panning shows gold		.36	12.60
19		Cut in trench across shaft dump 51 ft. north of shaft 12 feet		.04	1.40
20	"	"	" " " 24 ft. " of shaft 12'	.10	3.50
21	"	"	" " " 90 ft. S. of shaft 15'	Tr.	-
22	23.0 ft.	Crosscut 50 ft. level 5 ft. north of shaft quartz		Tr.	-

A composite run for silver showed 0.20 ozs.

These drifts and crosscuts show repeated samplings by different people, and evidently in each case the results were very disappointing.

The results certainly do not seem to justify a complete sampling of the property.

#### DEVELOPMENT

Besides the four levels with their drifts and crosscuts from the 245 ft. vertical shaft shown on the accompanying map, numerous holes and small crosscut tunnels have fairly well prospected the surface of this property south to the line of the Gold Ben Rand lines property.

These surface holes and tunnels were all done by leasers in the early days of the property, 1908-1910 (?). None of them got any ore,

and the watchman, who has done a lot of panning, told me there was nothing to sample. He also walked over the surface of the Gold Pen Rand Mines property to the south, and the watchman told me of all the values he knew about. No one is staying at the Gold Pen Rand Mines, but the watchman is very friendly with the owners, Messrs. Cox and-----.

On the Gold Pen Rand Mines property, operated by George Graham Rice in the days of the Rawhide boom, there is a 500 foot inclined shaft. This shaft is vertical at surface but Mr. Eastman, the watchman for the Gold Pen, told me that it turned to an incline shaft a short distance down and has been condemned by the Mine Inspector.

On the top of the dump of this shaft there are several small piles of ore, representing maybe 10 tons altogether, and Cox told Eastman that these piles would run about \$12.00 per ton.

In this shaft, before the Mine Inspector condemned it, a leaser had a very small streak that showed fairly good silver values, but his pile on surface is not more than a ton and is low grade ore.

About 200 feet south of this shaft there is an old 100 ft. shaft, sunk by leasers in the early days, in which Cox claims there were a few stringers of ore.

Going south from this shaft more manganese stains are present in the fissured zones, but apparently no ore was found in this area.

Very little, if any, ore has been produced from this property.

#### PRESENT EQUIPMENT

On the Gold Pen Mine, there is a 25 H.P. Fairbanks Morse gas hoist, with cable, a gallows frame, and there is track on most of the levels, and at least a couple of mine cars.

There is also an office and an assay office at the mouth of the 50 ft. tunnel, and a boarding house and bunkhouse about 500 feet distant.

I did not look at the hoist on the Gold Pen Rand property, but there are two houses, presumably boarding and bunk house.

#### METALLURGY

Above the water level most of the ore should be amenable to amalgamation or to cyanide.

#### WOOD, WATER AND POWER

No wood, water or power are on the property, but if ore were developed water could be developed in the valley below.

The property was optioned once for \$50,000.00.

#### POSSIBILITIES

Surface conditions and silicification look very encouraging, and if the mass of the quartz carried enough value to make a low grade product, it would seem that other small lenses of high grade ore might sweeten up the general average. However, the mass is too low to be considered ore, and the increase of depth seems to decrease rather than increase the value of the product. At 500 feet deep in the Gold Pen Rand property the values must have been generally next to nothing or sections of the dump would run \$5.00 to \$12.00, instead of a few very small piles running about \$12.00.

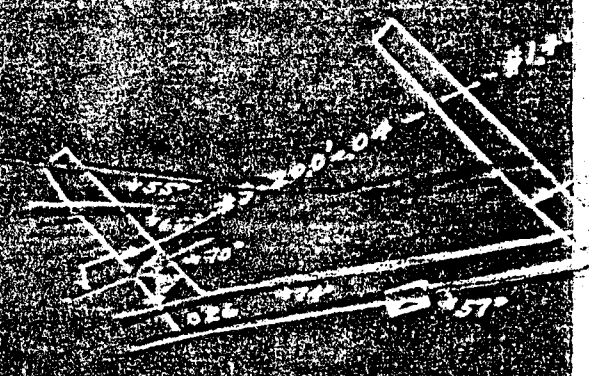
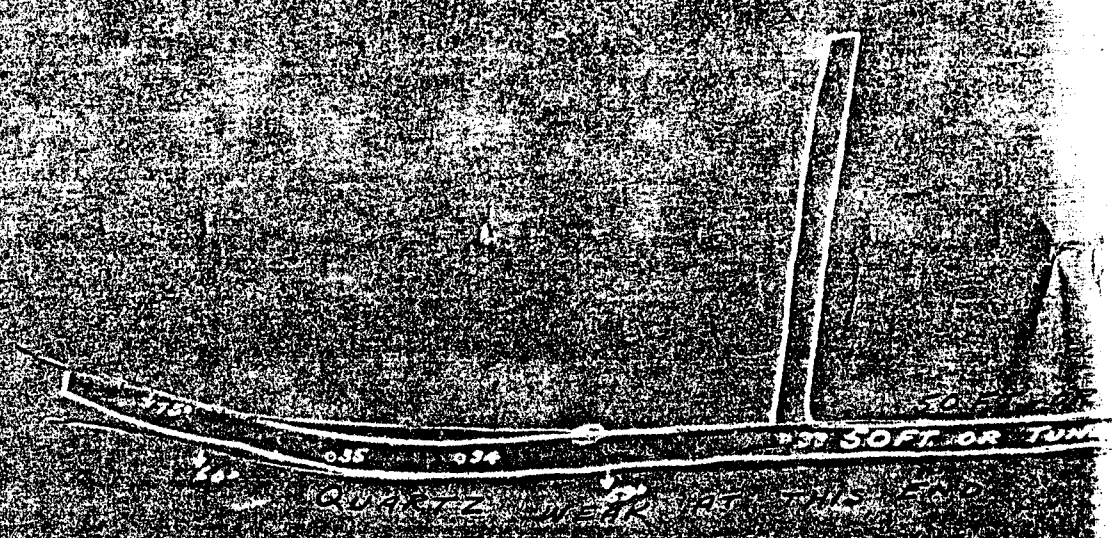
The kaolinization has been greatest in the area of the Gold Pen Mine, and therefore it is probable that the mineralization is greatest in that area.

#### CONCLUSIONS

The conclusion is therefore that the property is not of inter-

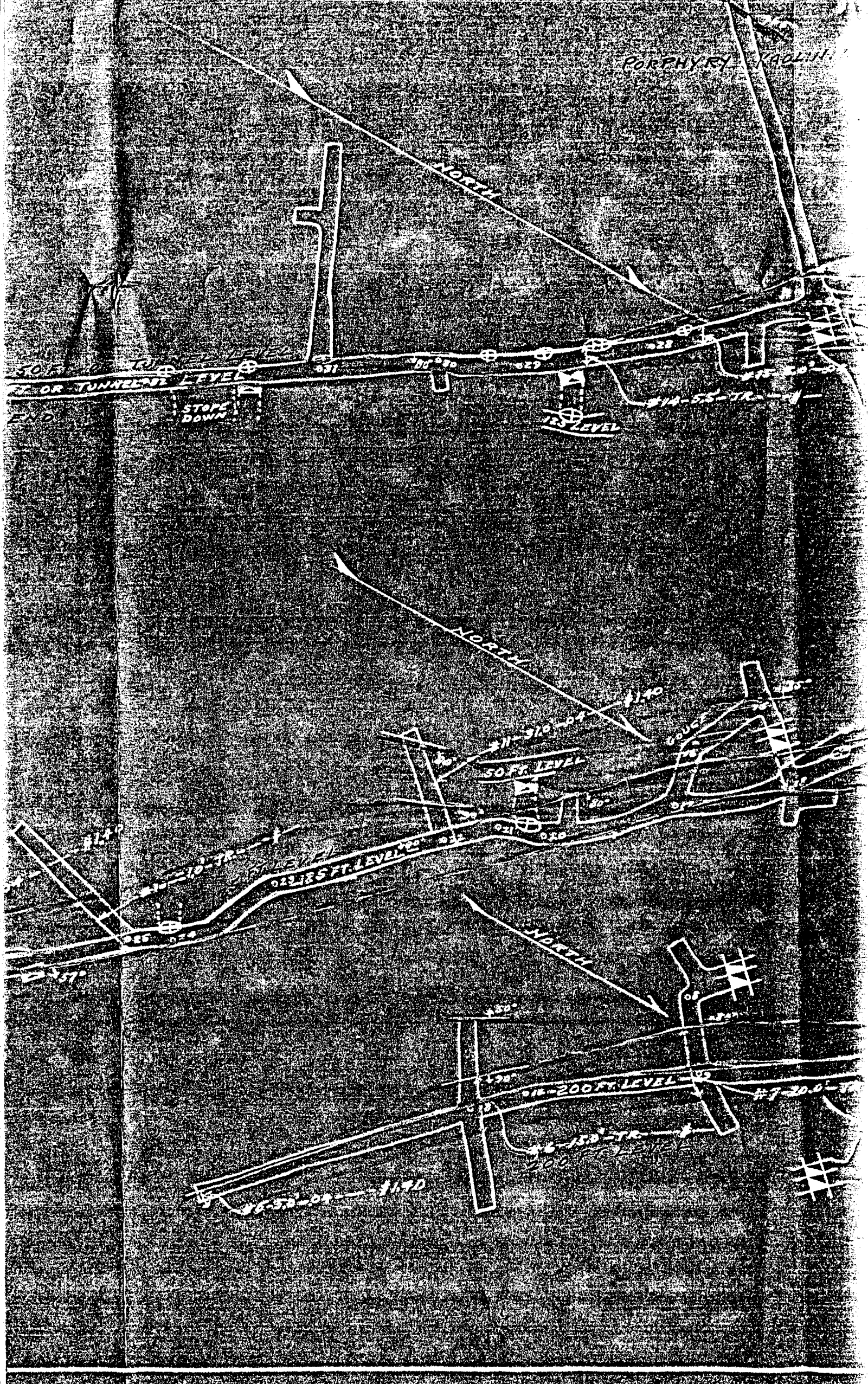
Dated- Oct. 7, 1935. For- The Tonopah Mining Co. of Nev. By- Wm. Shar  
Typed- " " "







PORPHYRY TADL.H.





HIGHLY KID  
 QUARTZ PIERCE

**SECRET**

GO  
MI  
PR  
SE



125 FT. LEVEL

MINERALIZED  
DAGITE IS  
ABSENT ABUNDANT

200 FT. LEVEL

245 FT. LEVEL

SECTION THROUGH A-A SHOWING MINERALIZED ZONE

GOLD PEN MINES COMPANY  
MINERAL COUNTY, NEVADA  
PRELIMINARY REPORT BY WEL SHARP  
SCALE-30 FT-1 INCH - DATE-OCT. 2, 1935.



50 FT. OR TUNNEL LEVEL

HIGHLY KROLINIZED TACITE  
FEW PHENOCRYSTS OF QUARTZ  
THIS SIDE DROPPED SEVERAL HUNDRED FEET

125 FT. LEVEL

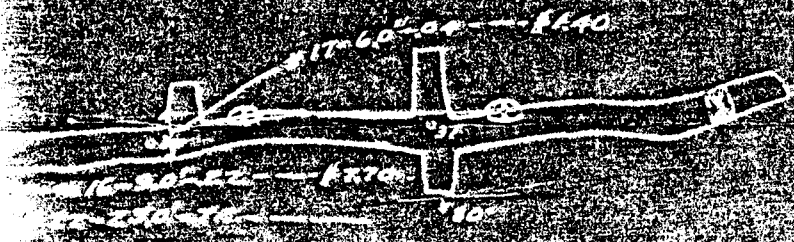
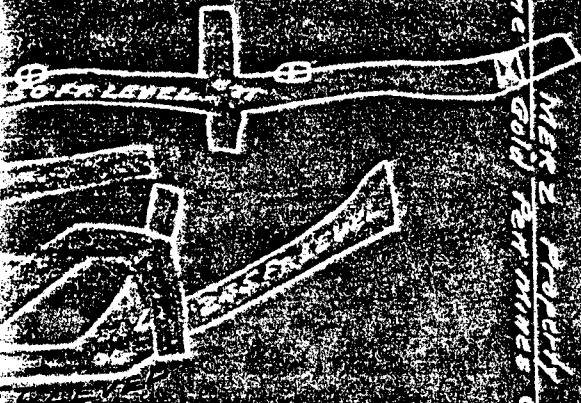
BOUNDARY

200 FT. LEVEL

245 FT. LEVEL

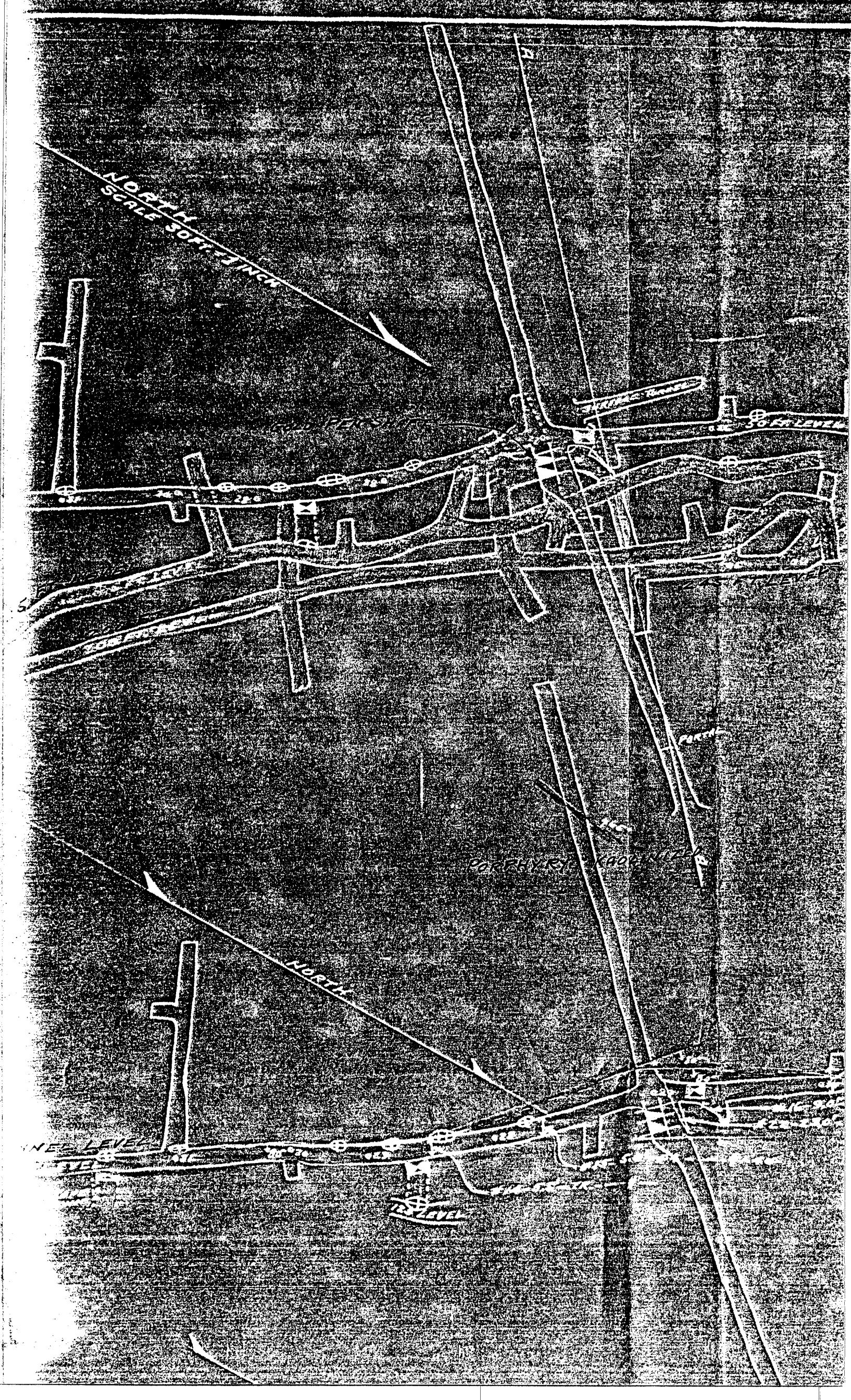


APPROXIMATE AND INC. 2.000 PERMANENT COI

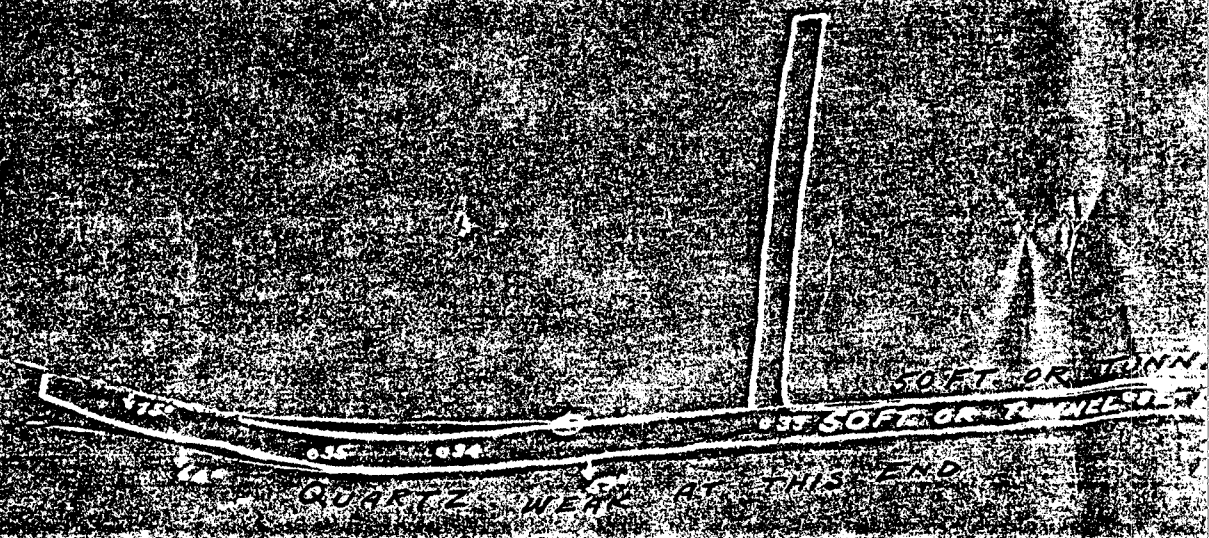
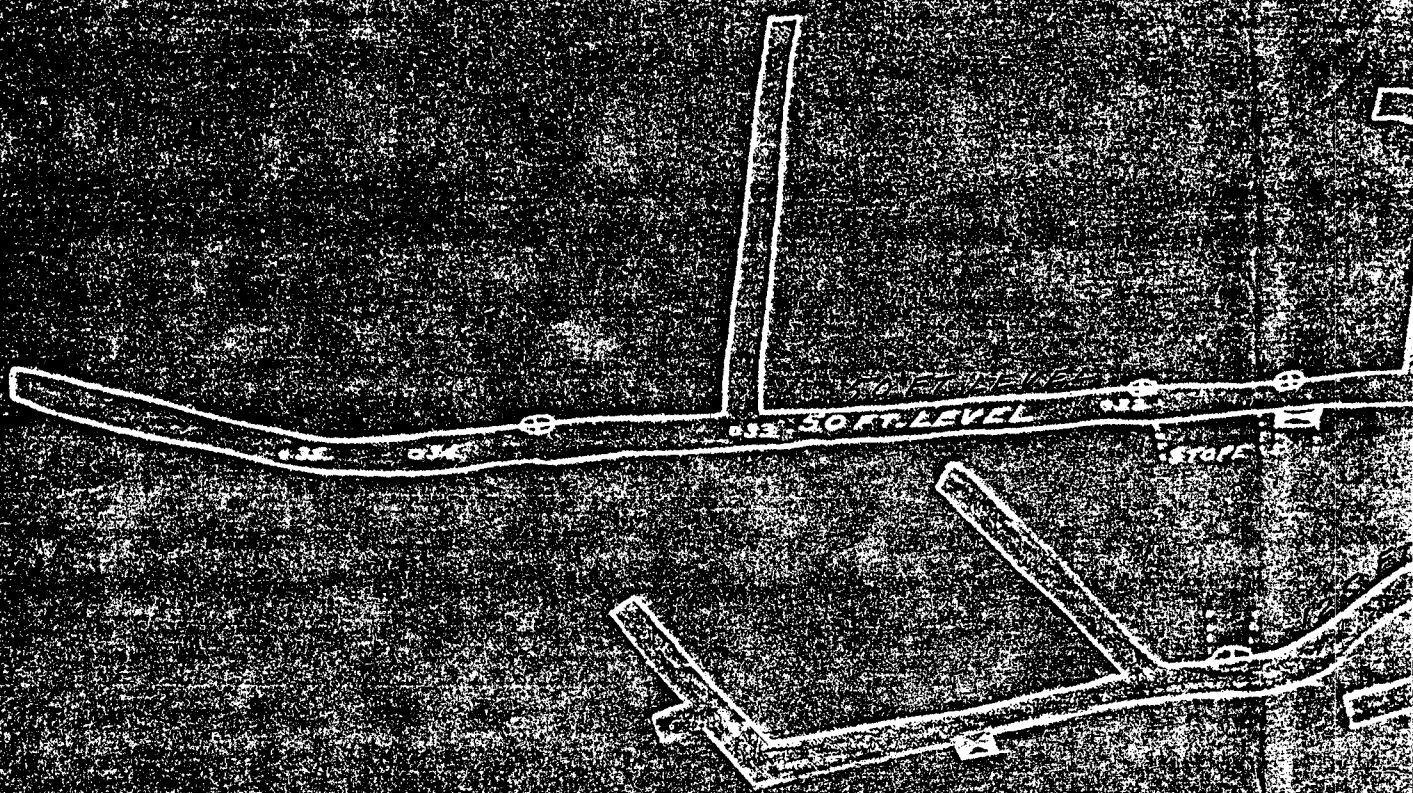


HIGHLY KAOLINIZED  
DACITE (?)  
QUARTZ-PHENOCRYSTS ABUNDANT









## PRELIMINARY REPORT ON

Name and Owner. GOLD PEN MINES COMPANY, reported controlled by Los Angeles people.

Location and Holdings. Near S.E. end of Rand Mining District, Mineral County, Nev.

Accessibility and Transportation. Fair auto roads, last 2 miles of present road steep and full of sharp turns. 26 miles to Nolan station, haul about 92 mi. from Tonopah. Road surveyed to cut 7 mi. from Nolan

Geology. Volcanic. Rhyolite on both walls, but other volcanics outcrop on the property.

Veins or Ore Bodies. Vein, or more properly, lode, consists of quartz stringers and clay stringers over a width of 15 to 30 ft. In some places 80% quartz. Stringers carry gold and silver, ratio 1 : 1 Ore clean looking, no Manganese. Vein almost vertical. Workings dry, good air.

Samples and Assays. None taken. From statements of Joe Ferratti, foreman, all drift are in ore. Crosscuts show 15 to 30 ft, av. about 20 ft., of vein on all levels. Said to assay 10.00 to 35.00 dollars. Reported that there is a gross of \$ 1200,000.00 now blocked out above the 130 ft. level.

Developement. 250 ft. vertical shaft. Levels at 50 ( tunnel ), 130, 200 and 250 ft.

Present Equipment. 25 H.P. Fairbanks-Morse gas hoist, headframe, shop, etc.

an excellent camp for about 20 men. Small mill- Kinkead and Sem

4 ft. amalgamator- capacity about 2000 ls. in 8 hrs. thru 60 mesh- Metallurgy. truck, team, car. assay office, office equipment.

Very clean appearing ore, so shoul cyanide readily. On highgrade, 20 to 40 oz. gold, are amalgamating 90-95%.

Wood, Water and Power. No timber. Water now hauled from Dead Horse wells, about 10 miles. Have well and are ready to put in pipe line 3

miles long to pump to mine and mill. Dismantles pole line 3 mi. north

Price and Terms. No indications that parties desire to sell. However, probably will need money soon to put in a milling plant and power line.

Possibilities. Appear to be excellent. In ore at top, bottom and both ends. Somewhat limited to north, as workings are close to end line, and owner of adjoining property reported to be hard to deal with.

Miscellaneous. Wages \$ 5.00 per day, \$ 1.00 off for board. Men well satisfied, but at present the crew is a little short.

Conclusions. Apparently an property well worth looking up.

Date. 6/30/30 Report for Tonopah Mining Co.

By

*J. L. Black*

GOLD PEN-RAND MINES CO.

NEVADA

Address: D. H. Updike, Box 411, Reno, Nev.

Officers: Jas. T. Boyd, pres; H. L. Allen, v.p; D. H. Updike, sec.-treas; Owen Cox, mgr., with A. B. Updike and Robert Leaf, Directors.

Incorporated: 1930 in Nevada. Capitalization: \$1,000,000; par \$1. Some treasury shares were sold in 1923.

Property: in Rand district, Mineral county, adjoining Gold Pen mine on AW, 17 milwa deom Nolan on Railroad, shows sulphide vein carrying gold values of from \$30 to \$50 per ton over 4' to 6' widths. Developed by 300' inclined and 85' vertical shafts, 750' apart. Active 1924 and 1927, but inactive at present.



— gold pen. — ①  
New.

245' Level

11' — \$0.70 face  
20' — 2.80 } 25' apart } 100'  
20' — 2.10 }  
25' — Tr. face  
4 | 5.60  
say  
- 3 - \$1.40 - for 100'

200'

5' — \$1.40 face  
15' — Tr.  
20' — Tr.  
12' — 1.40  
4 | 2.80  
say  
17' — \$0.70 for 250'

Gold Pen.

②

125' Level

20' — \$1.40 face.

21' — Tr.

31' — 1.40

say.  $3 \overline{) 2.80}$

20' — \$0.93 for 225'

Blue:

10' — \$2.80

4.5' — 4.90 face.

say.  $2 \overline{) 7.70}$

7' — \$3.55 for 125' —

50' Level

5.5' — Tr.

5.0' — \$1.40

7.0' — 7.10

6.0' — 1.40

say.  $4 \overline{) 10.50}$

6.4' — \$2.62 for 140' (+ 37' not sampled)

Gold Pen Road, New.  
300. incl. 25' incl.  
~~250' incl.~~ shaft  
account 6 - ?

Gold Pen Mine Co.:  
Extract from W H Blackburn's  
letter of Aug. 30, 1920:

"prop. was put up to Mr.  
Carlisle & examined by  
Mr. Stetson with  
negative results, which  
banned us of further effort  
in the matter.

(Stetson's report)  
Black's rpt. (extract) somewhat limited  
to N. & W. wings close to end line & corners  
adj. prop. also had to look over.



100 ft. falling in 15 sec.  
SUBMARINE No. 2

ANDERSON FLOWS LOWER THAN DIGITS

SUBMARINE No. 1

52 FT. LEVEL  
52 FT. SHIFT IN END OF CUT  
#12-3.5-0.0-2.6-3.61  
MIN. 10 VEIL (W. 12) 52 FT. LEVEL  
#13-3.5-10-0.30-3.73  
52 FT. LEVEL

NORTH  
52 FT. LEVEL



## SECTION THROUGH

100 FT. SHAFT (NO LADDER)

NO LADDERS

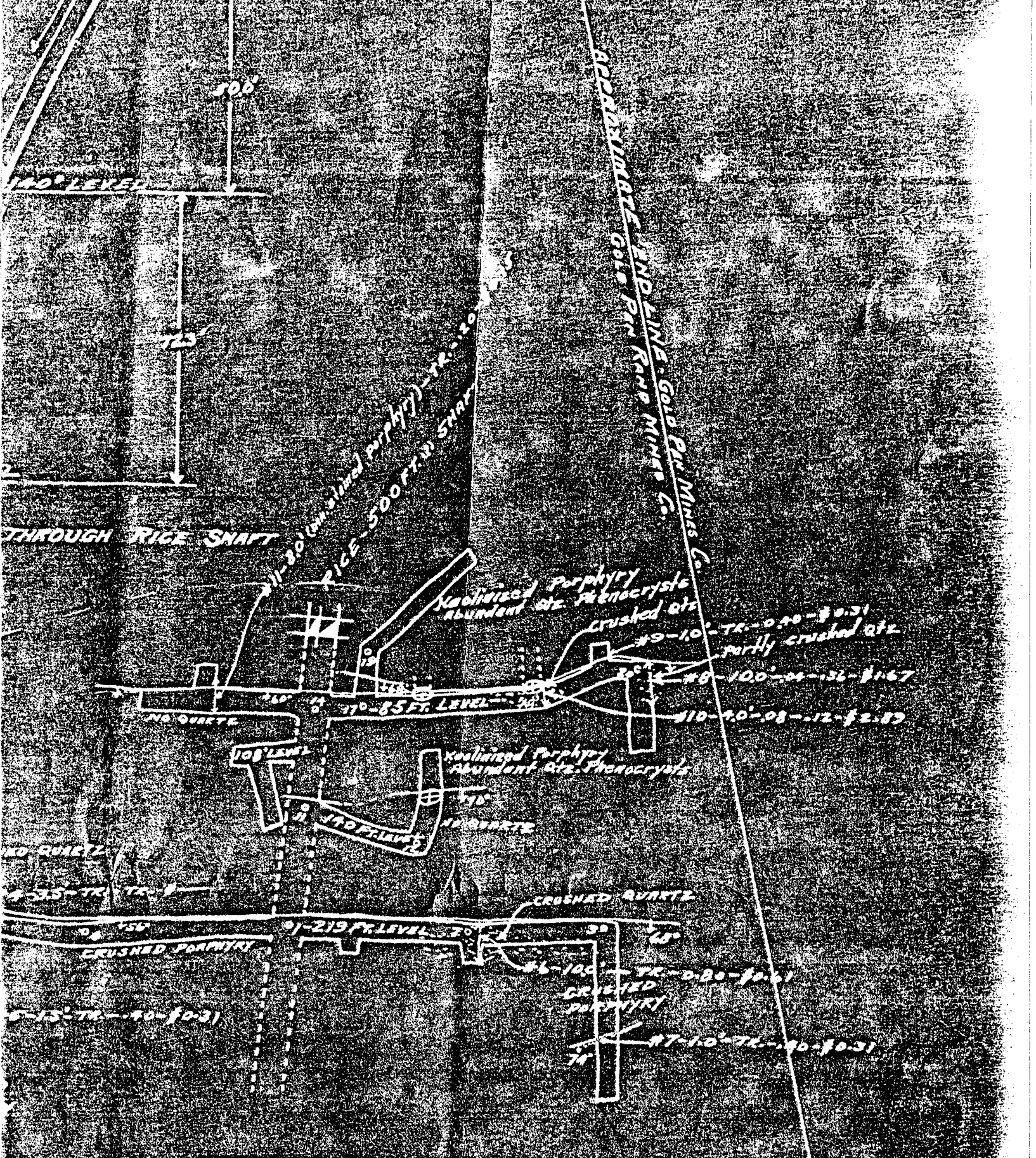
MULTIPHASE

CRUSHED ROCK

219' LE

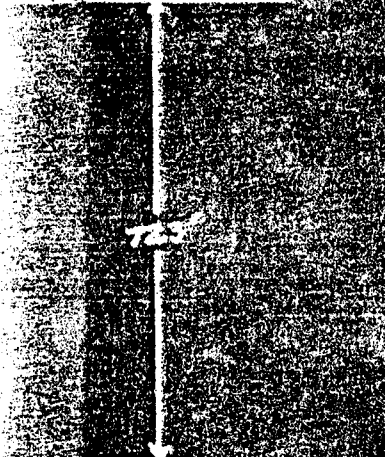
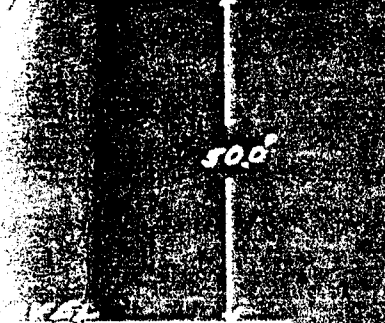
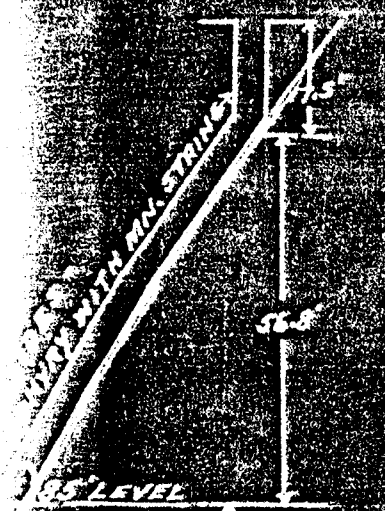
SECTION





GOLD PEN RAND MINES COMPANY  
 MINERAL COUNTY, NEVADA-OCT. 13-14-1935  
 BRUNTON SURVEY OF RICE SHAFT & WORKINGS  
 SCALE 30 FT. = 1 INCH.-REPORT OF N.W. SHARP.





RICE SHAFT



NO QUARTZ



108' LEVEL



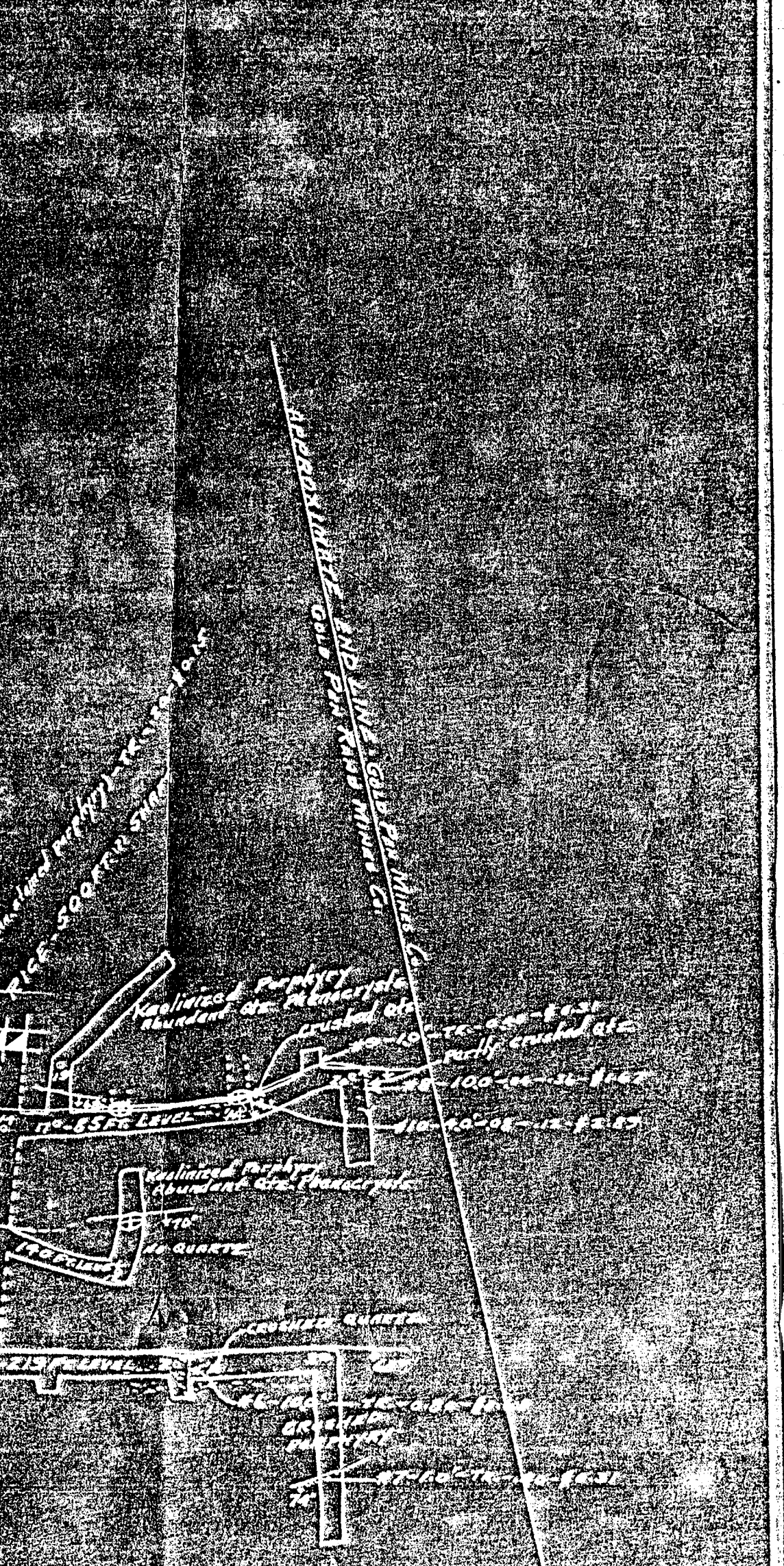
170' LEVEL



170' LEVEL



170' LEVEL









No. 3  
for length of 30m

QUARTZ PHENOCRYSTS  
KNOBLED WEST OF THESE SLIPS

to Post-  
(the zone)  
MARINE No. 2

ANDRESE FLOWS LAYER THIN DACTES  
SUBMARINE No. 1

52 FT SHAFT

52 FT SHAFT IN END OF CUT

12-31-35-26-51-6  
13-31-35-10-0.30-5.73  
52 FT SHAFT

52 FT SHAFT



SUBMARINE

ABUNDANT  
DRUSE NOT KNOWN

Gold these markings  
scattered  
small very little gls.

THIS IS THE fissured area (mostly covered by talus)  
SUBMARINE No. 4  
old holes in this area show practically no quartz

(There has been much  
mineral faulting in this area)

SUBMARINE

SUB

NORTH  
300 YDS  
300 YDS



(Nevada)

Mineral County

Howard Min. Dist.

27 mi. NE of Luning

GOLD PEN MINES CO. PROP.

1935

Au

PLATON CORPORATION  
SUITE 1  
2344 E. INDIAN SCHOOL RD.  
HOENIX, ARIZONA