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Penariz no 2.

Penariz no 1.

Golden Eagle

4450' EL.

4250' EL.

4800' EL.

New Pick no 2.

G.E. Mill Site

4050' EL.

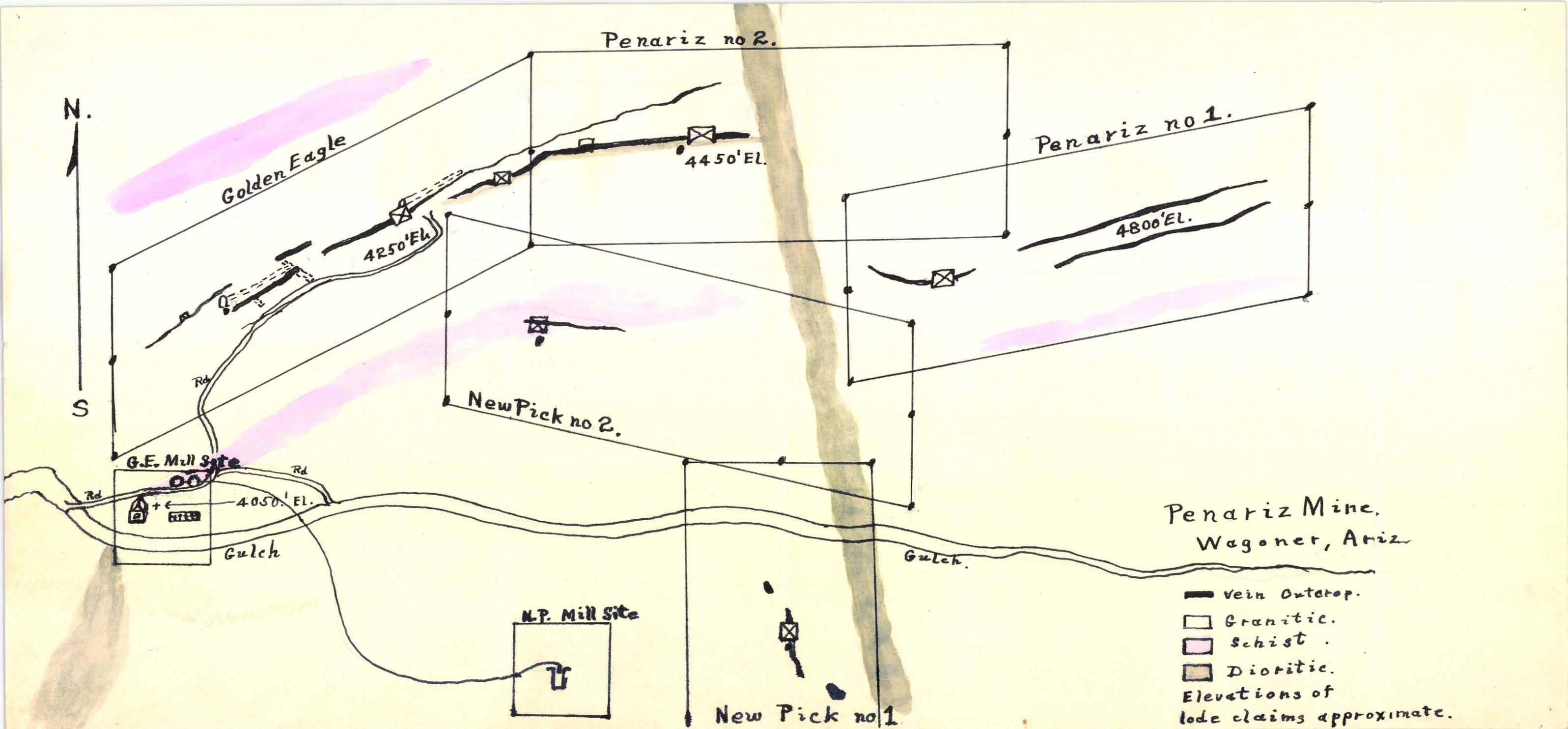
Gulch

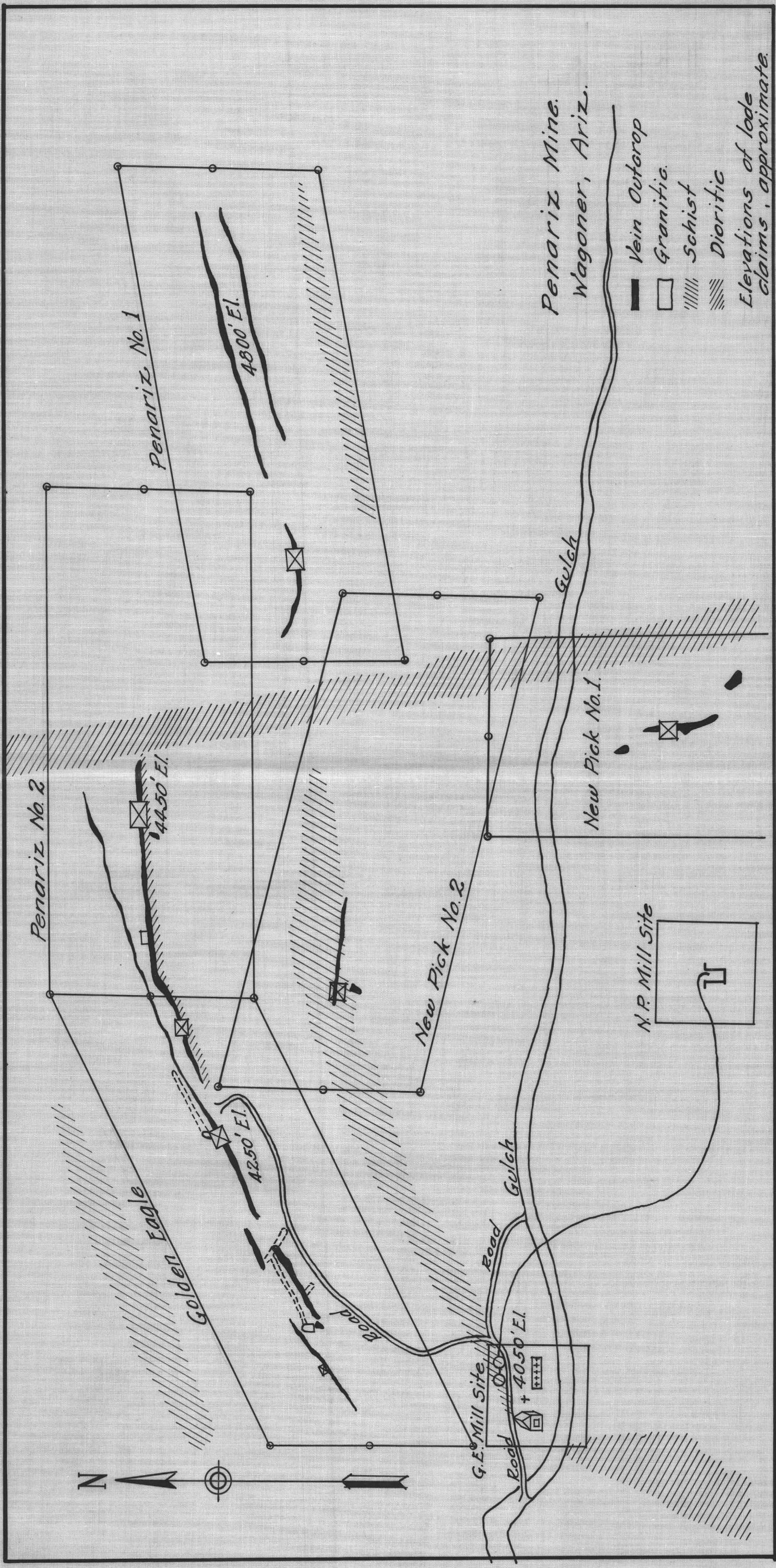
N.P. Mill Site

New Pick no 1

Penariz Mine,  
Wagoner, Ariz.

- Vein Outcrop.
- Granitic.
- Schist.
- Dioritic.
- Elevations of  
lode claims approximate.





Penariz Mine.  
Wagoner, Ariz.

- Vein Outcrop
- Granitic.
- |||| Schist
- //// Dioritic

Elevations of lode  
claims, approximate.



Penariz No. 2

Penariz No. 1

Golden Eagle

New Pick No. 2

New Pick No. 1.

Gulch

Gulch

Road

Road

G.E. Mill Site

N.P. Mill Site

4450' El.

4250' El.

4800' El.

4050' El.

## PENARIZ MINE

(Statement by Owner - John Paxton)

This property consisting of five unpatented lode claims and two millsite claims, lies in the Bradshaw Mountains 30 miles south of Prescott and 5 miles S.E. of Wagoner postoffice. The nearest R.R. station is at Kirkland 28 miles by road.

The group consists of the Golden Eagle, Penariz #1 & #2, New Pick #1 & #2 lode claims and the Golden Eagle and New Pick Mill Site claims.

The Golden Eagle and Penariz claims are located on several parallel quartz veins, one of which has been partially developed. The country rock is a gray granite and on both sides of the main vein at a distance of 400 feet lie large parallel bodies of schist. The center of the group is cut by a large dioritic dike. The vein has a strike of N 65° E and dips 50° to the N.W.

Until 1926 the only work done was on the west end of the Golden Eagle claim where the vein outcropped for 600 feet. Here were two 14 ft. shafts and 30 ft. of open cuts with the vein stripped to a depth of 6 ft. Samples on 500 ft. of the outcrop averaged 1.26 Au and average width of outcrop was 14".

Since then most of the outcrop has been mined to a depth of 12 ft., a shaft sunk 75 ft. and a drift driven on the vein for 150 ft. at a level which will intersect the shaft at a depth of about 100 ft. on the vein.

In this lower drift the vein averages 2 ft. in width, values improving as the drift was advanced to the north. No cut samples have been taken, the ore was sorted and sampled and assays ranged from .6 to 1.25 oz. Au.

Work was suspended in this drift when a large fault was encountered and it was determined that some 60 ft. of the vein was lying off in the hanging wall. There was a choice of X cutting to the faulted block or continuing to drift some 75 ft. through the faulted zone to pick up the vein again.

In the vicinity of the shaft the ore was mined from the outcrop to a depth of 20 ft. and a drift driven at this level on the

vein, 60 ft. through a faulted section to the N.E. The values in this portion of the vein are higher, assays ran up to 4.66 oz. Au, 1. oz Ag and 6 lbs. of a few hundred lbs. of highgrade were crushed by hand and panned yielding .09 oz of retort gold.

In the shaft the vein widens to a point 45 ft. below the surface where it is cut by an E. to W. fault, the dip of which is slightly greater than that of the vein. Good values were found to within a short distance of the fault and 30 ft. below some ore was struck indicating that the shaft is nearly through the faulted zone. This ore was well mineralized and showed a few colors of gold.

On the east half of this claim nearer the S. side line there is a strong, mineralized outcrop which follows a small greenstone dike to the center of the adjoining claim. This small dike is apparently a branch of the large dioritic one. Good values occur at several places on the outcrop and a 30 ft. shaft was sunk near the east end of the Golden Eagle claim. The ore differs from that of the quartz veins, containing no lead and but little quartz, a sample of the ore here carried 3.38 oz. Au., .6 oz Ag.

On the Penariz #1 and #2 claims but little work has been done, a 40 ft. shaft was sunk on the #1 claim on a small shoot of rich ore which assayed 3.68 oz. Au.

The New Pick #1 claim parallels the large dioritic dike and on it are small outcrops of copper carbonates and sulphides occurring in granite and aplite.

The New Pick #2 claim is located on a contact of granite and what appears to be a body of hornblende schist where there are some gold values. There is undeveloped water on the east end of this claim.

A dwelling house and a 10 stamp mill are located on one of the millsite claims, while on the other is a spring that supplies the camp with a plentiful supply of water.

The values in the ore are mostly gold and silver and in the oxidized ore the proportion is about 1 oz. Au to .5 oz. Ag. The gold is quite fine and a small cyanide plant is needed to supplement

the stamp mill. About 100 tons have been milled but at the best not more than 30% of the gold was saved on the plates.

The property lies in the Prescott National Forest near its southern boundary. The ground in the vicinity of the mine is unlocated, a good dirt road connects Wagoner with Kirkland Junction on Highway #89.

(signed) J. B. Paxton

August '37.

*Loftis*

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Work was suspended in this drift when a larger fault was encountered and it was determined that some 60 ft. of the vein was lying off in the hanging wall. There was a choice of X cutting to the faulted block or continuing to drift some 75 ft. through the faulted zone to pick up the vein again.

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PENARIZ MINE

(Statement by G. M. Colvocoresses after brief visit to mine in July '37.)

Owned by John Paxton and operated at intervals for the last eight years. Reached via Wagoner with turn off to left 4 miles south of Wagoner Store, and P. O. and  $1\frac{1}{2}$  miles of road to the mine where Paxton has a nice home with running water and a 10 stamp mill (purchased from the old Boaz Mine. Elevation 4050' and close to Cherry Creek.

Country is granite but there is a big dyke of diorite to the south which outcrops along the slopes of the Bradshaw Mountains.

Paxton has five claims and has worked on a quartz vein which can be traced for nearly two miles and has been developed for a length of 500' by test pits, shafts and adits, one of which is over 100' long.

The vein is cut and thrown by a number of small faults. The width is usually a little less than 2' and all development would have to be conducted through shafts.

The values are variable but in places the shoots carry \$50 to \$100 per ton in gold and Paxton has mined and milled this higher grade ore at intervals but has made a poor recovery by amalgamation as some of the gold is very fine and much of it is locked up with the sulphides. There is about 1 oz. Ag. to 1 oz. Au and in places there is a little lead and a little copper but the ore should cyanide readily.

Paxton thinks that the average value of the 2' vein should be 12 to \$15 per ton. He has a good flow of water from springs, probably 5000 gal. per day, which might be increased.

Conditions are very favorable for working at moderate cost.

Very little ore has so far been developed but I think that it should be well worth while to sample the present showings and if the average was in line with Paxton's estimates (he is both honest and conservative) that it would be proper to further explore the vein by shafts and drifts. A 2' vein 500' long should contain 8000 tons to a depth of 100', from which with a recovery of \$10 per ton and mining and milling cost of \$5.00 per ton a profit of \$40,000 might be realized, less cost of development, say \$10,000 and cost of new equipment sufficient to complete a 25 ton mill, say \$10,000 leaving net profit \$20,000 plus \$5.00 per ton on all additional tonnage that might be found.

The **crux** of the problem lies in the average grade of the ore over the length mentioned and in depth for if the values are confined to short shoots the mine will never pay to work unless the grade of the shoots should be very high.

G. M. Colvocoresses  
July, 1937.

I have no personal interest whatever in this property but Paxton worked for me for many years and I was personally well pleased with his prospect and believe that it merits further attention and bids fair to become a profitable producer.

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Description of the Penariz Mine,

J.B.Paxton owner.

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3.

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On the Penariz #1 and 2 claims but little work has been done, a 40 ft. shaft was sunk on the #1 claim on a small shoot of rich ore which assayed 3.58 oz Au, ~~.6 oz Ag~~

The New Pick #1 claim parallels the large dioritic dike and on it are small outcrops of copper carbonates and sulphides occurring in granite and aplite.

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J. B. Paxton

August 3 7

A 3/2  
39  
Wagoner, Arizona.  
February 22nd, 1939.

Mr. G. M. Colvoresses,  
Phoenix,  
Arizona.

Dear Mr. Colvoresses:

Was glad to receive your letter of the 17th. and am sorry that I cannot tell you much about the Colossal group of claims. They lie about seven miles east of my place and we once drove to Logan's camp where his mill is located.

Sullivan whom you mentioned as having been interested in the Joker Mine, probably can tell you something of the claims and Logan. He leased one or more of the claims for a short time, perhaps two years ago and as I remember, it was thought that he was one man whom Logan did not "skin".

Another man whom you probably know, Carl Barth of Prescott made an examination of the property last year for a promoter named Darmody who had leased and attempted to operate. Darmody installed the flotation cells which Logan retained when the rest of the company's equipment was sold by the sheriff.

My confidential opinion of Logan is that he is an unscrupulous, shrewd swindler and in the past ten years has interested four or five people, who like your friend Orr knew nothing of mining and did not have much money. These victims bought and installed the mill, table, etc. and paid for mining and after one millrun they quit in disgust and then learned that their equipment belonged to Logan. I do not believe that he even gave them a fair run for their money, as in one case after the victim left, Logan brought some gold to the store to be weighed explaining that it had been overlooked in the cleanup. Incidentally it was more than the yield from the cleanup.

Last fall I was talking to Logan in Prescott and he said that he intended to operate himself but would install compressor etc. Very likely Orr will be induced to pay for it and I believe that neither he or any other man working with Logan would make anything.

With regard to Logan paying Orr's expenses, I doubt if he could do it for very long and if he could it would be possible for him to get miners instead of Orr. One of Logan's men said "Oh he skins them all but does it legally".

Have been busy drifting on my quartz vein, taking out fair to good ore and occasionally a little highgrade <sup>which</sup> encourages one. Hoping that you are well, I remain

Sincerely yours,

John B. Payton.

Kitland Junct.

Wagoner

Pexton's camp

Further,  
To Butte  
& Latham  
mines.

OK Johnson  
Ranch.

To Logan's Camp  
and claims.

To Golden  
& Aster

& Tussock Spring.

Wingert's  
Ranch.

Oak Creek

to Joker  
just to give you an idea of the route.

