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K-ae-1  
State of Nevada  
BUREAU OF MINES

Engineer's Field Report

191-~~B~~  
ITEM B  
File- \_\_\_\_\_

County.----Mineral

Mineral Examined.--Alunite.

Description of Vein or Deposit.

Mineral.- Alunite

Assay Value.- Impure alunite, Assay returned from University of Nev.

Chemical Composition.-  $KAl(OH)(SO_4)$ .

Market Value.-

Character of Ore.- Nonmetallic, massive, white, hardness about 3 $\frac{1}{2}$ .

Occurrence.- In vertical disconnected sheets in gold bearing vein.

Length.- Varies up to about 40 feet.

Width.- Varies from about 1 inch to 15 inches.

Depth.- Varies up to about 50 feet.

Length of Outcrop.- Several hundred feet.

Vein.- Dips 70° north west.

Character of Vein.- Brecciated material containing: quartz, rhyolite  
(and other fragments cemented together.)

Character of Hanging Wall.- Rhyolite.

" " Foot " - "

Greatest vertical depth below outcrop.- 258 foot level.

Levels.- 55, 150, 200, and 258 foot level's.

Vein.- Drifted and crosscutted on each level.

Ore Stopped out.- Only gold ore from the 130 foot level on up.

Property

Name of Property.- Gold Pen Mine.

Claims.- Twelve two of which are patented and a mill site.

Owner.- J. Ferrette.

Address.- Nolan, Via Schurz, Mineral Co., Nevada.

Nearest town's.- 25 mi. from S. P. R. R. Station at Nolan and about  
(25 miles from Luning, Nevada.)

Nearest railroad.- Nolan.

Adjoining Mines.- Bovard Consolidated Mining Co.

Water Available

For mining purpose.- About 15 miles.

For domestic use.- Well about 3 or 4 miles by road.

Electric Power Available.

Nearest power line is at Hawthorne a distance of about 25 miles.

Timber Available.

Has to be hauled in by S. P. R. R.

Equipment on Property.

Buildings.- Boarding house, cellar, large bunk house, cabin, assay office which includes mine office, blacksmith shop, gasoline hoist, Kinhead mill with Senn Concentrator and amalgamator which has a capacity of about 4 tons per day and all necessary mining tools.

Information from.- J. Ferreto.

No. of Report.-

Date.- October 7th., 1924.

Report by.- F. N. Dondero.

The State Mining Laboratory makes free determinations of Nevada ores and Minerals for citizens of the State. It is prohibited by law from reporting the exact amounts of gold and silver found in samples submitted, and only allowed to state whether the precious metals are present to the extent of \$5.00 per ton or not.

GOLD PEN MINES COMPANY

204-205 NIXON BUILDING

RENO, NEVADA

MINE ADDRESS: RAND, NEVADA

Rand Nev.  
Oct. 3<sup>rd</sup> 1924.

Gov. J. G. Scruggs  
Carson City Nev.

Dear Mr. Scruggs:  
yours of Sept 29<sup>th</sup>  
received today by me.

Mr. F. R. Wonders, may come anytime will meet  
him a Rand Oct. 7<sup>th</sup> morning.

Thanking you in advance for your good  
kindness toward us.

yours Truly.  
J. W. Ferretts.

October 10, 1924

Mr. J. Feretto,  
c/o Gold Pen Mine,  
Nolan, Nevada.

Dear Joe:

I have completed the figures on the connection between the raise and the shaft and find that you can connect by two different ways. One way is to drive the raise 61.2 feet on a plus  $72^{\circ}-21'$  pitch along the plane of the vein and in a southerly direction. The other is to drive the raise straight up 58½ feet and then drift to the left.

I am inclosing a blue print illustrating both ways as stated above.

Sincerely yours,

Incl.

January 10, 1925.

University of Nevada,  
State Mining Laboratory,  
Attention! Mr. H. E. Higgins,  
Reno, Nevada.

Dear Mr. Higgins:

We are mailing you under separate cover a  
sample, No. 1725 from Mr. J. D. Ferretto, Dayton,  
Nevada.

Please assay for gold, silver and the metallic  
looking mineral. This is probably lead.

According to Mr. Ferretto a metallic looking  
substance is easily melted out when heated. He would  
like to know what this is.

Thanking you, we are

Sincerely yours,

FND:VM

Secretary.