

3570 0002

Lincoln Co.

Item 16

Elgin Area
Meadow Valley Wash
Lincoln County, Nevada
Visited March 7, 1953

Pennsylvania Mine and Mike Phelps and Dick Johnson Mine East of Elgin.

Mileage from Elgin:

05.3	Elgin
6.7	Summit to East
8.0	Lead carbonate on mt. to east
12.9	Old Mill tailings
13.5	<u>Pennsylvania Camp</u>
13.9	Phelps and Johnson Camp
$\frac{1}{2}$ mile to no.	Pennsylvania Mine
15.0	Phelps and Johnson mill site and Pocket Hunter mill.

Considerable time was spent looking over the property owned by Phelps and Johnson where much minor shaft work has been done. The deepest shaft is about 30 ft.. It is understood that about 40 tons of ore was milled from this property with poor results in a small Gibson Pocket Hunter 1 mile below the mine. In addition to this about a car of ore has been shipped.

Geology

Economic mineral ^{is} gold with minor amounts of copper. Tertiary volcanics lie on older sediments. Most of the volcanics in the area are porphyritic, andesite, and latite. It appears that a bed of tuff directly underlying the volcanics has been nearly completely silicified. This silicified bed has been mineralized with copper and gold. Gold values are up to \$100 per ton and the ~~same~~ ore bed is a few inches to 4 feet thick. Some ^{vertical} feeder veins were noted below the mineral bed and it was assumed ~~xxx~~ that the bed was mineralized by these "feeder" veins. This geology was noted on the Phelps and Johnson ground. It appears to be that the same geology will fit the Pennsylvania area.

Pennsylvania mine

It is owned by the Smith family of Caliente, who first operated in the 1870's. Down the canyon ^{from the mine} floor area, ^{tailings} that mill ^{thousand} indicates a few tons production. Tailing

values are reported to be low. The major work here is in an incline shaft of about 600 feet depth. The camp is made up of 2 fair quanset huts and is neat.

Generally speaking, the Elgin area has a hungry appearance with large lime stone walls with a few narrow lactite copper zones indicating granitic intrusions and good property areas. Some iron is reported a few miles southwest of the Pennsylvania areas. Manganese occurs south down the Meadow Valley Wash from Elgin. For more information of the area write or talk to R. J. Bradshaw, Elgin, Nevada or Dana Conway, Elgin, Nev. The Bradshaws run cattle and are familar with the area. They have shipped manganese to Geneva in the past few years.

In regard to the Phelps Johnson property, both Mike Phelps and Dick Johnson are retired railroad men of rather insecure health and neither are able to do much heavy physical work. For this reason they ^{will be} ~~are~~ not/able to do more than merely scalp some high grade ore from their property and may not be able to do much of that. It is, therefore, believed that although the present owners may not be able to make this property pay, a couple of good men understanding selective mining could with hard work make better than wages from this prospect.

There is a possibility that if a small mining company took over both the Phelps Johnson mine and the Pennsylvania and operated on a leasing basis, they may have a better chance of operating the area profitably.