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ITEM
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(Nevada)

Nye County

at Hammamah, 20 mi. E of
Tonopah

Hammamah Property

Au Ag

PLATON CORPORATION
SUITE 1
4944 E INDIAN SCHOOL RD.
PHOENIX, ARIZONA

PRELIMINARY REPORT ON RICHARDSON MINE, HANNAPAH.

NAME AND OWNER

Hannaoah Property - Ben Richardson, owner.
Presented by Micky Sullivan, Tonopah, Nevada.

LOCATION AND HOLDINGS

Property is located at Hannapah, 20 miles east of Tonopah, Nevada.

ACCESSIBILITY AND TRANSPORTATION

Good road to Tonopah, Nevada.

GEOLOGY

The country rocks are rhyolite, volcanic tuff and rhyolite breccia. This is the same upper series of rocks that appear at Tonopah.

Much hot spring silicification has taken place in the upper rhyolites in some areas, where localized on top of some of the knolls, but little silicification has taken place in the keolinized rhyolite breccias in the upper workings of the Richardson shaft.

VEINS AND ORE BODIES

The veins are fissure veins striking N. 65 deg. W. to S. 70 deg. W., and dipping steeply to the north.

On the shaft vein (N. 65 deg. W.) very little silicification exists at surface and underground narrow lenses of quartz and silicified rhyolite breccia form short shoots of ore. The vein minerals besides quartz are pyrite and proustite.

SAMPLES AND ASSAYS

Sample #1 taken across 2 ft. at point 85 ft. west of shaft, 220 level			
ran.	<u>GOLD</u>	<u>SILVER</u>	<u>VALUE</u>
	.02	6.18	\$5.46

#2, Grab of ore Richardson was mining from 20 ft. shoot			
near face on 146 ft. level over a 2 ft. width.10	27.06	24.34

Between ore shoots that were not over 20 ft. long there was very little silicification in the vein. The footwall is slickensided but the real hanging wall is not visible.

DEVELOPMENT

There is an incline shaft 300 ft. at 70 deg. with drifts at 100, 146, 220 and 260 and 300 levels. The drifting on 100, 146 and 200 amounted to about 100 ft. on each level but some is filled and water stands below the 220 ft. level. This vein strikes about N. 70 deg. W. There is also a 70 ft. shaft with a small amount of stoping 500 ft. from the main shaft from which a little ore was stoped near surface. This vein strikes S. 70 deg. W. and dips 70 deg. N. and should intersect the shaft vein near this point. The present equipment consists of a 6 H.P. F. M. Gas Hoist, a deep well pump, an ore bin, crusher, 3 ft. Straub mill, and a Wilfley concentrating table. Mr. Richardson just finished his mill a short time ago, and said the concentrate would run nearly \$300.00 per ton.

WOOD, WATER AND POWER

Water in small amount in mine. No wood or power.

POSSIBILITIES

The lack of silicification underground lessens the chances of the development of ore bodies of any size. The type of ore is good. It consists of pyrite and Ruby silver in quartz. Sometimes fine seams of Ruby silver (proustite) can be seen crossing the vein.

CONCLUSIONS

All shaft dumps showed that most of the country rock is not silicified and its chances of development are therefore not too great.

Dated- June 27, 1935. Report for- The Tonopah Mng. Co. of Nev. By- Wm. Sharp.