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ITEM
84

(Nevada)

Esmeralda County

Red Mt. Min. Dist. on S
face of Silver Peak Range, 9
mi. W of Silver Peak, 65 mi.
from Tonopah

Au Ag

NIVLOC NORTHERN MINES

Big Horn Group

PLAYERS CORPORATION
4344 E. LAMAR AVE. SUITE 7
PHOENIX, ARIZONA

For Phila.

PRELIMINARY REPORT ON NIVLOC MINE.

Presented by Fred Vollmer, Jr., Silver Peak, Nevada.

NAME AND OWNER

Nivloc, formerly Stimler, Mine.

Owners, F. Vollmer, Jr., 95%, E. E. Whitley, 5%. A partnership.
Deeded to F. Vollmer, Sr., by W. H. Colvin.

LOCATION AND HOLDINGS

Big Horn Group. 9 Unpatented claims in Red Mountain Mining District, on south face of Silver Peak Range, 9 miles west of town of Silver Peak, Esmeralda County, Nevada. 65 miles from Tonopah.

ACCESSIBILITY AND TRANSPORTATION

Highway and T. & G. Railroad at Blair Junction, 32 miles of rough desert road, easy grades, to property. Elevation 6400 ft. Open climate.

GEOLOGY

Surface of area volcanic, andesite and rhyolite flows, tuffs and breccia. Typical Tertiary vein, andesite foot, rhyolite hanging wall, outcrops several thousand feet, strike N. 55 deg. E., dip 45 deg. - 65 deg. N.W. Vein filling calcite, quartz, with Mn and Fe oxides. Vertical shaft on footwall penetrates 270 ft. andesite, 130 ft. lime shale, and 40 ft. of alaskite.

VEINS AND ORE BODIES

Principal level, 440, has vein in lime shale walls, with occasional inclusions of shale in ledge matter. Width of vein on 440, up to 100 ft. Values gold and silver, about 1 - 18¢ occur in bands of fractured quartz, and are generally distributed throughout the vein. Higher grade streaks follow a streak of Mn and Fe oxides, and values are consistently maintained to a depth of 1000 ft. down the dip. Oxidation extends to lowest levels accessible. Length opened on 440 level, 900 ft.

SAMPLING AND ASSAYS

Sampling by E. E. Whitley indicates average of .035 Au., 6.55 ozs. Ag. per ton for 300,000 tons. 27 samples, as per attached tracing, check sheet and certificates taken by writer.

DEVELOPMENT

440 ft. vertical shaft, 325 ft. X.C. to vein, 950 ft. drift on 440 ft. level. "A" winze, 350 ft. slope, with three short levels. "B" winze 160 ft. below bottom of "A" winze, with short level at bottom. "C" winze 175 ft. below 440. Short levels 105 ft. and 210 ft. main shaft. Several X-Cuts on all levels. 70 ft. raise above "A" winze. Total 2000 ft. lateral work. Several hundred feet shallow surface shafts.

PRESENT EQUIPMENT

1 Gasoline Western Hoist; 1 C.P.T. Co. Hothead compressor; cars, track, cage, drills, hand tools, etc. 3 small frame dwellings, hoist house, blacksmith shop. Complete outfit for small development program.

METALLURGY

Subject to test. Ore mixture of hard fine grained quartz, calcite, with varying amounts of lime shale, MnO₂, FeO₃, and clay.

Excellent underground conditions for cheap mining. Good hanging wall, 60 deg. dip. Ground stands well. No pumping. Believed suitable for shrinkage stopes.

WOOD, WATER AND POWER

No timber. Water for small mill developed. Power six miles at Silver Peak. Water rights to be investigated.

POSSIBILITIES

Upward 1,000,000 tons probable ore grading .03 gold, 6.5 oz. Ag. indicated, with possibility of considerable additional tonnage. Individual streaks of twice this grade present, but extent not known. Possibilities would become very attractive at \$1.00 silver.

MISCELLANEOUS

Ground showing these values opened since 1921 examination. Whitley samples in same area sampled by Carper, even lower average than Carper's. Previous work no bearing on present conditions.

CONCLUSIONS

This property merits interest, and much additional data could be had at relatively small exploration expense.

Dated- 12/10/35. For- The Tonopah Eng. Co. of Nevada. By- MacDonald.
Typed- 12/12/35.