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PANSY LEE PROPERTY

LOCATION:

The Pansy Lee Mine, consisting of 560 acres of fee property and 20 unpatented mining claims (approximately 900 acres), is located 12 miles northwest of Winnemucca, Humboldt County, Nevada.

HISTORY:

During the period 1937 to 1942, West Coast Mines of Sacramento, California, drove an inclined shaft in ore to 900 feet. Sulphide ore was mined at the 450-, 585-, 710- and 810-foot levels, producing 35,000 tons of ore, which grossed West Coast Mines $1,627,000.00.

West Coast Mines' immediate development plans called for deepening the inclined shaft to the 1060-foot level; however, the mine was closed in 1942 by presidential order because of World War II. No effort has been made to reopen the inclined shaft until Queue Associates recently leased the property and reopened the Pansy Lee Mine.

GEOLOGY:

Seven ore veins and numerous smaller veins outcrop on the surface in the immediate vicinity of the Swede Vein, which is currently being exploited. These veins generally lie parallel to the Swede Vein in both the hanging wall and footwall.

The Swede Vein strikes North 10° East and dips 65° to the East. Vein widths range from one to two feet and exhibit an almost continuous ore shoot through the various mine levels.

The minerals present in the Swede Vein include argentite, gold, arsenopyrite, sphalerite, jamesonite, stibnite, covellite, proustite and jarosite. The country rock consists of slates, phyllites and interbedded quartzites with lenses of limestone. The age of the formation of the Swede Vein is estimated to be middle to late Triassic.

STRUCTURE:

Severe faulting, both pre-mineralization and post-mineralization, characterize the Pansy Lee Mine. Where faulting is pre-mineralization, highly economical ore pockets or shoots are formed. Generally, the faulting offsets the vein no more than 20 feet or alters the vein dip no more than 10^{o}. The writer has identified seven faults at various levels that conjugate to the vein. All the faults observed are normal.

RECENT DEVELOPMENTS:

Since acquisition of the property, Queue Associates have erected a flotation mill of approximately 50-ton capacity near the Pansy Lee Mine. They have an adequate water supply from a well, which was drilled in 1937. At the Mine, Queue Associates have refurbished the headframe, erected a hoist building and currently have a hoist, of 1-ton capacity, operating to the 810-foot level.

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