

2000 0004

CARRIE MINE

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Item 4

Location. The Carrie mine is in the Gilbert mining district on the northern flank of the Monte Cristo Range in Sec. 26 (?), T. 4 N., R. 38 E. (see Army Map Service, Tonopah Topographic map) in northern Esmeralda County, 2 miles south-east of the ghost town of Gilbert.

History and Production. The Carrie silver-lead deposit has been known since 1890. Some silver-lead ore has been produced intermittently.

Developments. In 1925, the workings consisted of a 230-foot, inclined (50°) shaft with about a thousand feet of workings on three levels and considerable stoping on the upper levels plus some surface work. Reportedly, little work has been done since 1925.

Previous Work. Ferguson (1927, p. 138) described the geology of the Carrie mine.

The Rocks. At the mine, a "window" of pre-Tertiary rocks less than a mile square is surrounded by overlying Tertiary volcanic rock. Ordovician (?) limestone and minor interbedded shale and tuff intruded by quartz monzonite are exposed in the "window". The quartz monzonite is alaskitic, consisting essentially of quartz and feldspar.

Veins. At the mine, quartz veins occur in a 3- to 10-foot wide shear zone in limestone near the quartz monzonite. There has been movement along numerous surfaces in the shear zone, individual surfaces being wavy resulting in a braided pattern.

The veins are a few inches to several feet in width. On the 100-foot level, the veins consist of quartz, some pyrite, galena, and tetrahedrite, and a little chalcopryrite and covellite. Reportedly (Lawrence, \_\_\_\_ ) stibnite occurs with galena, sphalerite, molybdenite, and scheelite on the 210-foot level. Iron and manganese oxides, copper carbonate, and bindheimite are common in the oxidized portions of the veins. The wall rock is silicified and mineralized.



Molybdenum Minerals. In addition to the molybdenite on the 210-foot level, molybdenite reportedly is exposed in the Hanson prospect which adjoins the Carrie mine.

intrusive at Gilbert has fresh center with highly- altered margins containing widespread molybdenite - bearing veins

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Ed Harney, Gilbert mining man, who was transacting business yesterday in Tonopah exhibited several specimens of high grade molybdenum ore from the Lovewell Hanson property adjoining the old Carrie mine in the Gilbert area.

(1968)  
from John Schilling's notes