3430 0009

(243) Item 9

PROPERTY NAME: Pile Driver Adit

OTHER NAMES:

MINERAL COMMODITY(IES): Molybdenite, Chalcopyrite, Pyrite

TYPE OF DEPOSIT: Moly Porphyry

ACCESSIBILITY: Good roads to the shaft. Access is restricted by the D.O.E.

OWNERSHIP: U.S. Government

PRODUCTION: None

HISTORY: The facility was dug for testing of nuclear systems.

County: Nye

Mining District: Oak Springs

AMS Sheet: Goldfield

Quad Sheet: Oak Springs 7½'

Sec. _____, T _____, R _____

Coordinate (UTM):

North 4 1 1 9 7 6 0 m

East 0 5 8 3 6 0 0 m

Zone

DEVELOPMENT: A 1367 foot shaft; a repository, and test facility, and the Pile Driver Tunnel Complex.

ACTIVITY AT TIME OF EXAMINATION: The Repository is in constant use as a high level nuclear storage facility.

GEOLOGY: THe Pile Driver shaft and adit are in a porphyritic Quartz Monsonite of Cretaceous age. The shaft is on the southern flank of the exposed stock at an elevation of 5025 feet. The Pile Driver adit is approximately 1367 feet below the collar of the shaft. Sample #1950 came from the Pile Driver left adit 215 feet from the shaft. The sample was from a mineralized area on the southside of the adit. Some of the mineralization is along fractures, some is in pink potassic envelopes and some is disseminated into the matrix of the monzonite. Much of the coarse-grained pyrite and chalcopyrite was associated with the pink envelopes and with minor quartz veins. The molybdenite was more often disseminated in the matrix. Besides the quartz and potassic alteration some chloritic alteration of biotite was in evidence. Similar mineralization can be seen on the dumps. (Sample #1854).

REMARKS: There has been no attempt made to assess the size and the grade of the mineralization.

REFERENCES: Houser F. C. & Poole F. Geology of the Oak Springs Quadrangle Nye, Nevada 1963.

EXAMINER: Quade, Jack G.

DATE VISITED: 3-23-83

(243)

PROPERTY NAME: Pile Driver Adit

OTHER NAMES:

MINERAL COMMODITY(IES): Molybdenite, Chalcopyrite, Pyrite

TYPE OF DEPOSIT: Moly Porphyry

ACCESSIBILITY: Good roads to the shaft. Access is restricted by the D.O.E.

OWNERSHIP: U.S. Government

PRODUCTION: None

HISTORY: The facility was dug for testing of nuclear systems.

ITEM

County: Nye

Mining District: Oak Springs

AMS Sheet: Goldfield

Quad Sheet: Oak Springs 7½'

Sec. _____, T _____, R _____

Coordinate (UTM):

North 4 1 1 9 7 6 0 m

East 0 5 8 3 6 0 0 m

Zone

DEVELOPMENT: A 1367 foot shaft; a repository, and test facility, and the Pile Driver Tunnel Complex.

ACTIVITY AT TIME OF EXAMINATION: The Repository is in constant use as a high level nuclear storage facility.

GEOLOGY: THe Pile Driver shaft and adit are in a porphyritic Quartz Monsonite of Cretaceous age. The shaft is on the southern flank of the exposed stock at an elevation of 5025 feet. The Pile Driver adit is approximately 1367 feet below the collar of the shaft. Sample #1950 came from the Pile Driver left adit 215 feet from the shaft. The sample was from a mineralized area on the southside of the adit. Some of the mineralization is along fractures, some is in pink potassic envelopes and some is disseminated into the matrix of the monzonite. Much of the coarse-grained pyrite and chalcopyrite was associated with the pink envelopes and with minor quartz veins. The molybdenite was more often disseminated in the matrix. Besides the quartz and potassic alteration some chloritic alteration of biotite was in evidence. Similar mineralization can be seen on the dumps. (Sample #1854).

REMARKS: There has been no attempt made to assess the size and the grade of the mineralization.

REFERENCES: Houser F. C. & Poole F. Geology of the Oak Springs Quadrangle Nye, Nevada 1963.

EXAMINER: Quade, Jack G.

DATE VISITED: 3-23-83