3430 0019

(243) Item 19

PROPERTY NAME: Rainstorm Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Ag, Pb, Au, Sb

TYPE OF DEPOSIT: Hydrothermal (Vein deposit)

County: Nye

Mining District: Oak Springs

AMS Sheet: Caliente

Quad Sheet: Jangle Ridge 7½'
Groom Lake 15'

Sec. Unsurv., T 11S, R 52E

Coordinate (UTM):
North 4 1 1 3 1 9 4 m
East 0 5 9 5 3 0 8 m
Zone +11

ACCESSIBILITY: Access to mine is possible via the Groom Lake Road 1.4 miles east of gate 700. Then south around "The Hump" Approximately 3 miles to the mine. Access is restricted by the Airforce.

PRODUCTION: Eighty tons were shipped prior to World War II and said to contain 55% Pb .25 ounces of Ag and .25 ounces of gold per ton. Work was done prior to World War II.

DEVELOPMENT: One 220-foot shaft, a 220-foot adit and a 210 foot drift off of the main adit and four prospect pits.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: At the Mine the sediments have been identified as Precambrian Johnnie Formation and are composed of interbedded siltstones and some quartzite. The formation is badly fractured and faulted. Brecciation is common in outcrop and along the highly oxidized and silicified vein system. This is also true for the area in general and extends to the S.E. as far as the Precambrian rocks are traceable, which is approximately 2 miles.

The mine workings include; four prospect pits, one shaft and one adit aligned on a nearly vertical vein system that strikes S70E. The biggest dump is next to the shaft which is in very poor condition and was not attempted below 110 feet. The shaft was reported to be 220 feet deep. Two samples were taken from a south striking vein at approximately 40 and 100 feet respectively (Samples #1939, #1942). Another sample # 1943, was taken from the prospect-pits above the shaft which exposed a highly oxidized and brecciated vein that runs several feet thick in places.

The large adit at the bottom of the hill is partially caved near the entrance but access is possible. It follows the vein system in an irregular fashion but maintains a S70E heading for a distance of approximately 220 feet. Forty-six feet from the entrance the low dipping sediments (N5E - SW22) are cut by a high angle fault, N5E, 75SE. At approximately 190 feet from the entrance a lateral trends N25E for a distance of 210 feet. The heading at the end of the drift is N30W and is terminated in a fault. Sample #1944 was taken from the S70E vein system at the face in the main adit. Two more samples (#1945, 1946) were taken from the dump. The main adit and lateral meandor over their full length apparently following the vein system. Neither of the workings show any appreciable lateral mining activity and the mineralization appears limited to the S70E vein system. The best looking mineralization came from the large shaft.

Shaft samples consisted of brecciated vein material with Pb, Ag, As, Sb, mineral combinations(?). Lower adit samples had more sulfides particularly those of Pb-Fe-Ag(?) Outcrop-and prospect samples were highly oxidized, breccias cemented with silica.

REFERENCES: GQ-363 Geologic Quadrangle map of Jangle Ridge 1965. Mineral Resources of Nye County NV. Kral 1951

EXAMINER: Quade

DATE VISITED: Mar 20, 1982

243

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DATE VISITED: Mar 20, 1983