

4990 0021

(258) Item 21

PROPERTY NAME: Mercury Mining Company Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): Mercury

TYPE OF DEPOSIT: _____

ACCESSIBILITY: Two and-one-half miles southeast of Ione at the head of Shamrock Canyon.

OWNERSHIP: _____

PRODUCTION: UnknownHISTORY: Mostly before 1925 and then it was the second largest in Nevada.County: NyeMining District: UnionAMS Sheet: TonopahQuad Sheet: Ione 15'Sec. 2, T 12N, R 39E

Coordinate (UTM):

North 4 3 0 9 3 2 5 mEast 0 4 5 2 4 0 0 mZone 11DEVELOPMENT: Four large glory-holes, adits, pits, good roads a large mill and retort and some buildings most of which are in poor repair.ACTIVITY AT TIME OF EXAMINATION: None.GEOLOGY: Locally the rocks are Triassic calcareous shales and limestones with some limestone intruded by and faulted against Tertiary volcanics, mostly rhyolites. *The main ore bodies being found in the folded and faulted calcareous shales near two nearly parallel and vertical faults. **

*According to Kral the mercury occurred as cinnabar.

** I am quoting Kral because there is very little that can be observed from looking at the holes. There is almost no mineralization in any of the glory-holes...

Photo # 16, that fed the large retort, Photo #18. Sample # 1104 is from a gossan like zone above another of the glory-holes. Some ore occurs in fractures and veinlets altered by a hot water system? Photo #17. There are also a number of prospect pits and benches that provided additional ore, near by.The mouth of Shamrock Canyon is the site of an ongoing drilling project.Another site one-half mile N.W. of Ione was the location of three large shafts which have been converted into an open-pit by the firm belonging to Hugh Marshall. Photo's #14 and 15. The mill is not yet in operation but will be soon.

REMARKS: _____

REFERENCES: _____

EXAMINER: Jack QuadeDATE VISITED: 5-28-82