

2960 0035

(240) Item 35

PROPERTY NAME: <u>Earle Mine</u>	County: <u>Nye</u>
OTHER NAMES: <u>Union #2, Union Amalgamated and Amalgated Mine</u>	Mining District: <u>Manhattan</u>
MINERAL COMMODITY(IES): <u>Au, Ag, F, Cu</u>	AMS Sheet: <u>Tonopah</u>
TYPE OF DEPOSIT: <u>Replacement</u>	Quad Sheet: <u>Manhattan 7 1/2'</u>
ACCESSIBILITY: <u>Good dirt road one-mile east of Manhattan</u>	Sec: <u>21</u> , T <u>8N</u> , R <u>44E</u>
OWNERSHIP: <u>Burdick-Wittenberg Estate</u>	Coordinate (UTM):
PRODUCTION: <u>Reported to be \$183,000</u>	North <u>4 2 6 4 7 2 0 m</u>
HISTORY: <u>Principal operating period 1908-1915</u>	East <u>0 4 9 4 9 9 5 m</u>
	Zone <u></u>

DEVELOPMENT: Workings consist of a 450 foot vertical shaft and then followed the dip of the limestone to 700 ft.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The shaft was sunk on the White Caps Member of the Gold Hill Formation of Cambrian age. Mineralization was reported to follow northerly faults of small displacement, near which the limestone is irregularly replaced for short distances along bedding. The major NE faults show evidence of post-mineral movement. The Zanzibar thrust fault forms the northern limit of mineralization. Locally the limestone is altered in places to coarse white calcite. The ore consist of native gold and silver, with lessor amounts of fluorite and bornite, the gangue minerals consisted of quartz, pyrite, adularia, sericite, fluorite, calcite and some leverrierite. Sample 2047 was from the dumps and assayed high in arsenic with minor silver, animony, lead and gold.

REMARKS:

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 9-23-85