

Affidavit or Statement of Annual Assessment Work

(PROOF OF LABOR)
ON UNPATENTED MINING CLAIM

STATE OF NEVADA,
COUNTY OF WASHOE } ss.

PROOF OF LABOR ON THE

Falcon, Falcon 1-13, Falcon 16, Falcon 19-44, Ina 1-4, Pat 1-79 and End claim
(NAME OR NAMES OF CLAIM...)

(all lode mining claims)

(LODE OR PLACER)

TO WHOM IT MAY CONCERN: Please take notice that Martel Mining Company
(NAME OF OWNER OR CLAIMANT)

says that he-they expended more than \$12,500.00 dollars for labor and improvements, as the annual
assessment work for the year ending September 1, 1967, on the below listed

mining claim.s, in the Cortez

Mining District, Eureka County, Nevada, owned by Martel Mining Company

for the purpose of holding said claim.s.

Byers Construction & Drilling Co., TeePee Sand & Gravel

Said labor was performed by Co., E. F. Lawrence and E. L. Stephenson

(NAME OF PERSON OR CONTRACTOR WHO PERFORMED THE WORK)

XX (Continue on back if necessary)

This work was performed during October-November 1966 and January-February 1967,
thence again from August 12, 1967 through October 30, 1967 in continuous
operation.

Such work or improvements, and character, consisted of Dosing access roads & cuts and
drilling on the Falcon 10, 20, 22, 25, and 35 claims. Geological & geochemical
surveys on the Falcon 20, 21, 23, 24, Pat 17-62 and Pat 65-69 claims, for the
benefit of the entire group.

(INCLUDE DESCRIPTION OF CLAIM OR PART OF CLAIM AFFECTED)

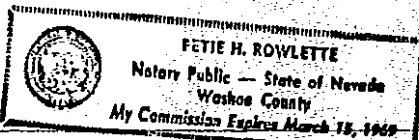
Dated this 30th day of October, 1967.

John H. Volgamore
(Name of Subscriber)
GEOLOGIST, MARTEL MINING COMPANY

Subscribed and sworn to
before me this

(Witness)

30th day of October, 1967 Petrus H. Rowlette
(Witness)



GEOLOGICAL REPORT ON THE PAT AND FALCON GROUPS OF MINING CLAIMS,
FOURMILE CANYON, EUREKA COUNTY, NEVADA

by
E. F. Lawrence

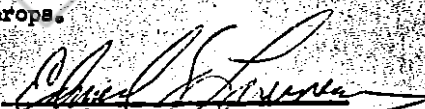
Geological mapping with special emphasis on stratigraphy and structure was done on the Pat and Falcon Groups of mining claims in Fourmile Canyon, Cortez Range, Eureka County, Nevada, during the period from September, 1966, to October, 1967. Geochemical surveys were also conducted on these claims. The drill core was logged in detail from FM-8 and FM-9 drill holes; such logging being done with a binocular microscope, with most of the logging done at the camp site near the FM-9 drill hole at the head of Fourmile Canyon. Samples were taken every five feet both for assay and for geochemical analysis. All of the quartz porphyry outcrops in the upper end of the canyon were re-examined and sampled geochemically. Detailed examination was made of the Gosman drill area in an attempt to explain the complexed geology in that area.

The basic findings from such surveys are:

1. The thrust fault mapped in the drill area by the Survey does not appear to exist, but rather can be explained by simple intrusive mechanism of the granodiorite into the sedimentaries.
2. The so-called subsidence area in the area of FM-9 drill hole is due to the intersection of N 10°W faults with N 20°E faults.
3. The intensive bleaching of the argillites and cherts appears to be associated with the pyrite-arsenopyrite mineralization encountered in FM-7 and FM-9 drill holes.
4. There is a quartz porphyry dike outcropping directly up the hill, 300 feet above FM-9 drill hole, and also 200 feet across the canyon from this hole. The mineralization may be associated either with this quartz porphyry or with the granodiorite, or possibly with the inner-core of quartz monzonite.
5. The diorite on the east side of Fourmile Canyon appears to be another intrusive into the argillites and cherts, and not just a fault block directly off of the granodiorite on the west side of the canyon.

Further mapping will be done, with sampling of outcrops.

October 30, 1967


Edmond F. Lawrence
Mining Geologist
Reno, Nevada

45454

File No. _____

RECORDED AT THE REQUEST OF
Robert L. Redmond


November 1 A.D. 1967

at 45 minutes past 11 A.M.

In-Book 21 of OFFICIAL RECORDS

Page 47-48 Records of

EUREKA COUNTY, NEVADA


Recorder

Fee \$31.50