

AFFIDAVIT OF ANNUAL ASSESSMENT WORK

State of NEVADA)
County of EUREKA) ss:

The Undersigned, Ralph J. Roberts, certifies that at least ONE HUNDRED AND 00/100 DOLLARS (\$100.00) per claim was expended for development, labor and improvement, or equivalent value added, as the annual assessment work for the assessment year ending September 1, 19 90 for the following unpatented mining claim(s) generally located in the following section(s):

Section	Township	Range	Meridian
4	32N	49E	Mt. Diablo Base & Meridian

Name of Claim(s):	BLM Serial No.:
ORION 109-126	NMC-357015-357032
ORION 181-194	NMC-454352-454365
ORION 196	NMC-454367

OWNER or CLAIMANT:

ORION Minerals
P.O. Box 796
Battle Mountain, Nevada 89820-0796

The work consisted of (use additional page if required): Ground magnetic survey (field work, data reduction, and data interpretation) and correlation of geophysical data with geologic data and drill-hole data; and geological field work.

The work described above was performed at the following locations: On the above-listed claims and in the office in Battle Mountain, Nevada and Odessa, Texas.

Said work was performed between July 9, 19 90, and August 31, 19 90. A total of more than THREE THOUSAND THREE HUNDRED 00/100 DOLLARS (\$ 3,300) was expended in performing the work, or equivalent value added. The work was performed by: Donald M. Allen, Jon P. Broderick, C. B. Byington, John. E. Painter, Robert G. Reeves, and Ralph J. Roberts

The work was performed under the direction of Robert G. Reeves whose qualifications to supervise such work include the following experience and education:

B.S. in Mining Engineering, Mackay School of Mines, University of Nevada; M.S. in Geophysics, Stanford University; PhD in Geology, Stanford University. Forty-nine years of experience--as geologist and geophysicist with the U.S. Geological Survey; Professor of Geology in the Colorado School of Mines and The University of Texas of the Permian Basin; and private consultant in the mining and petroleum industries.

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The findings of the above work are as follows:

The geophysical work revealed concealed faults and buried intrusive bodies. Correlation with drill data and geologic mapping and sampling resulted in improved knowledge of the stratigraphy, intrusive bodies, and mineralization.

All of the aforesaid unpatented mining claims are contiguous and work on, or for the benefit of, any one claim or group of claims tends to develop all the claims. The work was performed for the purpose of developing the mineral potential of the claims and to maintain and hold such claims.

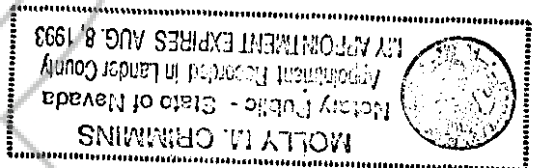
Dated this 25th day of October, 19 90.

BY: Ralph J. Roberts

Ralph J. Roberts
President

Subscribed and sworn to before
me this 25th day of
October, 19 90.

Molly M. Crimmins
NOTARY PUBLIC



Suggested Form - Nevada Department of Minerals
Nevada - Proof of Labor, 30 USC Sec. 28-1, 28-2 -
NRS 517.230

RECORDER'S STAMP

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OFFICIAL RECORDS
RECORDED AT THE REQUEST OF
Orion Minerals
90 OCT 26 AM 11:47

EUREKA COUNTY, NEVADA
M.N. REBALANCE, RECORDER
FILE NO. 134419
FEE \$ 57.75

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