

AFIDAVIT 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	BLM Serial No.:	NMC- NMC- NMC-454178-454231
2	32N	49E	Mt. Diablo Base & Meridian		
10	32N	49E	Mt. Diablo Base & Meridian		

ORION 1-54

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 FIVE THOUSAND FOUR HUNDRED AND 00/100 DOLLARS (\$ 5,400 ) 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.

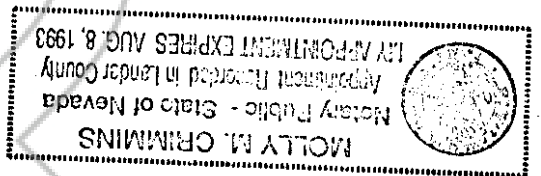
All of the aforesaid unpatented mining claims are contiguous and work on, or for the benefit of, any one claim or group of claims tends to develop all the claims. The work was performed for the purpose of developing the mineral potential of the claims and to maintain and hold such claims.

Dated this 25<sup>th</sup> day of October, 19 90.

BY: Ralph J. Roberts  
Ralph J. Roberts  
President

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

Molly M. Crimmins  
NOTARY PUBLIC



RECORDER'S STAMP

BOOK 216 PAGE 425  
OFFICIAL RECORDS  
RECORDED AT THE REQUEST OF  
Orion Minerals  
90 OCT 26 AM 11:47

EUREKA COUNTY, NEVADA  
M.N. REBAL/ATT. RECORDER  
FILE NO. 134418  
FEES 94.50

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