

WHEN RECORDED RETURN TO:  
 Cortez Mining & Exploration Co., Inc.  
 Box 3446  
 Salt Lake City, Utah 84101

133419

**AFFIDAVIT OF ANNUAL ASSESSMENT WORK**

( PROOF OF LABOR )

STATE OF UTAH )

) ss.

COUNTY OF SALT LAKE )

I, Edward F. Posey, President of Cortez Mining & Exploration Co., Inc., a Utah Corporation, being first duly sworn, state:

I. That, as required and authorized by 30 U.S.C. Sec. 28, C.F.R. Secs. 3833.2-1 (b) and 3833.2-2, labor was performed, improvements were made, or expenditures for labor or improvements were made having a value in excess of Six Thousand Dollars (\$6,000) for the contiguous unpatedented JIG Group of mining claims located Secs. 13 and 14, T 25 N, R 51 E, Bureka County, Nevada, described below, for the assessment year ending September 1, 1990:

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JIG 1-60	192	193-252	537680-537739

II. That such expenditures, work, or improvements were made, in the value of at least One Hundred Dollars per claim at the expense of the owner, Cortez Mining & Exploration Co., Inc., a Utah Corporation, whose current address is P.O. Box 3446, Salt Lake City, Utah.

III. That such labor or improvements were performed by professional geologists and geophysicists of Cortez Mining & Exploration Co., Inc. between the dates of September 30, 1989 and August 25, 1990.

IV. That said labor and improvements consisted of geologic surveying and mapping, geophysical survey analysis, and geochemical surveying, sampling and analysis, the results of which are described in the attached Exhibit A, appended hereto and made a part hereof. Such work was performed on all claims in the group described above for the benefit of all the claims in the group facilitating the development of the claims as a mine and the extraction of economic minerals thereof.

V. That each claim herein described is held and claimed by the owner for valuable minerals contained therein, and the owner intends to continue development of each such claim, and that, as authorized and permitted by 43 U.S.C. Sec. 1744(a) for each mining claim described above, NOTICE OF INTENT TO HOLD THE MINING CLAIM is hereby given, and that, without reference to the performance of labor and making improvements annually or the filing of this Affidavit as evidence thereof, the owner intends to hold and develop each such claim as authorized by the General Mining Law of 1872, as amended, 30 U.S.C. Secs. 22 et. seq.

Edward F. Posey, Director  
 Cortez Mining & Exploration Co., Inc.  
 Box 3446, Salt Lake City, Utah 84101  
 Subscribed and sworn to before me this 28 day of \_\_\_\_\_, 1990.

My commission expires: 6-16-93

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Notary Public



JAMES H. JONES  
 Notary Public  
 My Commission Expires  
 June 16, 1993  
 State of Utah

TO THE ARDAVIT OF ANNUAL ASSESSMENT WORK, for the assessment year ending September 1, 1990, for the JIG claim group held by Cortex Mining & Exploration Co., Inc. For the assessment year ending September 1, 1990.

INTRODUCTION

Assessment work on the JIG claims was performed by Cortex Mining & Exploration Co., Inc. for 1990 consisting of geologic surveying and mapping and geochemical surveying and analysis conducted by personnel of Cortex Mining & Exploration consisting of Mr. Charles W. Smith, professional geologist, and Mr. Edward F. Posey, professional geophysicist.

WORK PERFORMED

The geologic surveying and mapping included identification of rock types and plotting locations and contacts on a surveyed map at a scale of 1"=2000 ft. Rock chip samples and sagebrush samples were located and taken of outcropping mineralization and submitted for geochemical trace analysis for gold, silver, lead, zinc, copper, mercury and arsenic. Aeromagnetic surveying was examined and analyzed.

GEOLOGIC FINDINGS

Paleozoic carbonate rocks have been subjected to hydrothermal alteration, brecciation and silicification. Sagebrush samples analyzed reveal anomalous trace-element values in gold, arsenic and mercury. Aeromagnetic analysis has identified a buried intrusive body underlying the Paleozoic sediments suggesting potential for economic mineralization at depth. Additional work is recommended in the form of detailed mapping, sampling, and geophysical surveying leading to drilling.

COST ANALYSIS

Geophysical and geological surveying and mapping	\$4,000
Geochemical surveying and analysis	2,000
<b>Total</b>	<b>\$6,000</b>

QUALIFICATIONS

Charles W. Smith holds a B.S. degree in geology from Washington State University, Pullman, Washington, and has over 30 years experience in the field of exploration and economic geology. Mr. Edward F. Posey holds a B.S. degree in geophysics from the University of Utah, Salt Lake City, Utah, and has over 20 years experience in mineral exploration and development.

Edward F. Posey, Dir.  
Cortex Mining & Exploration

*Edward F. Posey*

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OFFICIAL RECORDS  
RECORDED AT THE REQUEST OF  
BOOK 213 PAGE 437  
Cortez Mining  
90 SEP 11 P4:40  
EUREKA COUNTY, NEVADA  
M. H. REBALLEAULT, RECORDER  
FILE NO. 105.00  
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