

AFFIDAVIT OF MINING ASSESSMENT WORK DONE

STATE OF UTAH
County of Utah

Robert J. Mackenzie, M.S. Geology and Geophysics, being duly sworn, states that at least Seven Thousand Five Hundred Dollars (\$7,500) worth of work or improvements were performed on the Ziff group of mining claims (See exhibit A, attached hereto), situated in the Unknown mining district, Eureka County, State of Nevada, such expenditure being made by, or at the expense of Front Range Mining and Exploration, Inc, owners of said claims, and by Bear Creek Mining Co. and Homestake Mining Co, agents for the above said owner, for the year ending September 1, 1986, and consisted of geologic mapping and mapping, geochemical sampling and analysis for the purpose of holding said claims. Said expenditures were made between September 1, 1985 and September 1, 1986.

Robert J. Mackenzie

Robert J. Mackenzie, Agent
Front Range Mining and Exploration, Inc.
455 North University, Suite 216
Provo, Utah 84601

Subscribed and sworn before me, this 29 day of October, 1986. My commission expires 7-19, 1990.

Mary S. Anderson, Notary Public.



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EXHIBIT A

Attached to and made a part of the Affidavit of Mining Assessment Work Done for the mining assessment year ending September 1, 1986, on the following groups of unpatented mining claims in the Unknown Mining Districts, Eureka County, Nevada:

| <u>Claim Name</u> | <u>Book and Page</u> | <u>USBLM Serial #</u> |
|-------------------------|----------------------|-----------------------|
| Ziff #1-7,9-25,21A-25A | | NMC 311401-311424 |
| 26-37,41-46,53-75,88,89 | | NMC 313461-313508 |

The above claims are owned by Front Range Mining and Exploration, Inc., 455 North University, Suite 216, Provo, Utah, 84601

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REPORT OF GEOCHEMICAL SURVEY

ZIFF MINING CLAIM GROUP

During the period September 1, 1985 to September 1, 1986, geological mapping, soil and rock sampling, and geochemical analysis was performed on the Ziff #1-7, 9-25, 21A-25A, 26-37, 41-46, 53-75, 88, 89 lode mining claim group, NMC #311401-311424, 313461-313508.

Samples were randomly taken along areas of greatest hydrothermal alteration and were analyzed for Au, Ag, Hg, As, Sb, and Ba. Significant anomalies of the above elements were detected and a program of drilling is scheduled based on the results obtained from the mapping and geochemical surveys.

Cost of the above work was at least \$7,500 and was performed by:

RECORDED AT REQUEST OF
Robert J. Mackenzie
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Front Range Mining and Exploration, Inc.
455 N. University, Provo, Utah, 84601

OFFICIAL RECORD
TO CLERK COUNTY CLERK
SALT LAKE COUNTY, UTAH
FILE NO. 105351
FEE \$ 900.00

Chris N. Johnson, Geologist/Geochemist
B.S. Brigham Young University, 6 years exp.

Robert J. Mackenzie, Geologist/Geophysicist
M.S. University of Wyoming, 8 years exp.

Analytical work was performed by Chemical and Mineralogical Services, 445 West 2700 South, Salt Lake City, Utah 84115.

Robert J. Mackenzie

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