

**AFFIDAVIT OF PERFORMANCE  
OF ANNUAL ASSESSMENT WORK**

STATE OF NEVADA  
COUNTY OF EUREKA

Before me personally appeared Terry K. Koehn, an employee of NL Industries, Inc. whose address is NL Baroid, P. O. Box 2150, Elko, Nevada 89801, who, being first duly sworn, stated that at least SEVEN HUNDRED DOLLARS (\$700.00) worth of work or improvements in the form of a geological survey was performed on or for the benefit of all of the following described lode mining claims situated in the "unknown" Mining District of Eureka County (Sections 17, 20, 21, 28, 32 and 33 in Township 23 North, Range 50 East) for the assessment work year ending September 1, 1984:

| <u>Claim Name</u> | <u>Location Date</u> | <u>Book</u> | <u>Page</u> | <u>BLM Serial Number</u> |
|-------------------|----------------------|-------------|-------------|--------------------------|
| CC#1              | July 30, 1980        | 85          | 37          | NMC 164119               |
| CC#2              | July 30, 1980        | 85          | 38          | NMC 164120               |
| Red Canyon #1     | July 16, 1980        | 84          | 453         | NMC 162063               |
| Red Canyon #2     | July 16, 1980        | 84          | 454         | NMC 162064               |
| Red Canyon #3     | July 16, 1980        | 84          | 455         | NMC 162065               |
| Red Canyon #4     | July 16, 1980        | 84          | 456         | NMC 162066               |
| RM#1              | August 6, 1980       | 85          | 36          | NMC 164118               |

Map File Numbers 75249, 75252, 75414 and 75417

The expenditures referenced above were made by NL Industries, Inc., a New Jersey corporation acting by and through its NL Baroid Division, which is the owner of the said claims. Such expenditures were performed during the period August 13, 1984 and August 23, 1984, and for the purpose of complying with the annual labor requirements set forth in 30 U.S.C. 28, 30 U.S.C. 28.1 and 30 U.S.C. 28.2. If for any reason the expenditures or the type of work performed on or for the benefit of the aforesaid claims fail to qualify as annual assessment work, then this Affidavit has been executed and shall be construed as a notice of the owner's intent to hold the said claims for the assessment work year ending September 1, 1984.

Attached and incorporated in this Affidavit by reference is a copy of the geological survey report required by 30 U.S.C. 28.1.

Dated this 9th day of Oct., 1984.

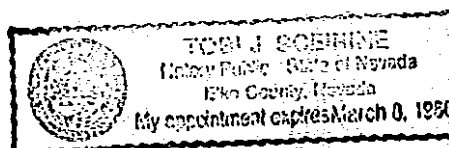
NL INDUSTRIES, INC.

By Terry K. Koehn  
Terry K. Koehn

On this 9th day of October, 1984 personally appeared before me, a Notary Public, TERRY K. KOEHN, who acknowledged that he executed the above affidavit on behalf of NL Industries, Inc., a New Jersey corporation, acting by and through its NL Baroid Division.

Tom J. Soehnne  
Notary Public

My commission expires March 8, 1986



## GEOLOGICAL SURVEY SUMMARY REPORT

This detailed report is filed in compliance with the requirements of 30 U.S.C. 28, 30 U.S.C. 28.1 and 30 U.S.C. 28.2 for the lode mining claims described in the Affidavit to which this report is attached. The work summarized below consisted of a geological survey on the ground using the proper application of the principles and techniques of the science of geology as they relate to the search for, discovery and confirmation of mineral deposits.

The survey included the preparation of topographic maps and geological field mapping over the surface of the claims identified in the Affidavit. The purpose of the survey was to designate and map mineralized zones in relation to the points of discovery and the boundaries of the claims and to assist in the planning of further exploration and development work. Potential mineralized areas indicated by previous work also were investigated.

In preparation for the field work, the location of each claim was plotted on topographic maps and regional geology of the areas was researched on August 13, 1984. Geologic mapping on the ground was conducted during the period August 14, 1984 through August 16, 1984, on the CC#1 and CC#2 claims to determine the structural attitude, width, strike length and continuity of the mineralized zones. The relationship of the mineralized zones with the surrounding geologic environment also was determined. Traverses along the boundaries of the aforesaid claims were conducted parallel to the length of the locations at three hundred foot intervals and location monuments for each claim were intersected. Salary disbursements for this portion of the work were Three Hundred Twenty Dollars (\$320.00).

During the period August 21, 1984 through August 23, 1984, geologic mapping was performed on the RM#1, Red Canyon #1, Red Canyon #2, Red Canyon #3 and Red Canyon #4 claims. Mineralized zones on these claims were identified and the structural attitude, strike length, width and continuity thereof were determined. The general geologic setting including the structure and stratigraphy of these claims with respect to mineralized zones were noted. During this period traverses were conducted at three hundred foot intervals paralleling the length of the claims and along the claim boundaries with location monuments being intersected. Salary disbursements for this portion of the work were Five Hundred Forty Dollars (\$540.00).

The work concluded that mineralization occurs along a regional geologic structure in which twelve mineralized zones were identified, ranging in dimensions from one foot by five feet in length to fifty feet by four hundred fifty feet in length. Rock types identified on the claims are Devonian limestones, Ordovician chert and intrusive rocks. Complex faulting is indicated and further interpretation and examination will be required to determine structural trends.

The work was performed by qualified personnel employed by NL Industries, Inc., acting by and through its NL Baroid Division with a mailing address of P. O. Box 2150, Elko, Nevada 89801. All exploration, survey work and improvements were made for the purpose of complying with the annual labor requirements prescribed by law and to further evaluate the discovery of valuable mineral deposits on each claim.

The geological survey was conducted by two geologists working under the close supervision of an experienced senior geologist. Expenditures in excess of Seven Hundred Dollars (\$700.00) were incurred by NL Industries, Inc., to implement and complete this work.

The names, addresses and professional backgrounds of these individuals who performed the geologic survey are as follows:

Kenneth D. Snyder - Senior Geologist, NL Industries, Inc. Master of Science - Geology, University of Idaho, 1973. Twelve years experience in exploration.

Star C. Thomson - Geologist, NL Industries, Inc. Bachelor of Science - Geology, Fort Lewis College, Colorado, 1979. Three years experience in western United States exploration.

Kent Thomson - Geologist, NL Industries, Inc. Bachelor of Science - Geology, Boise State University, Idaho, 1978. Six years experience in western United States exploration.

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OFFICIAL RECORDS  
EUREKA COUNTY, NEVADA  
M.K. REBALCATH RECORDER  
FILE NO. 96218  
FEE \$ 8.75

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