

AFFIDAVIT OF PERFORMANCE OF
LABOR ON LODE MINING CLAIMSGEOCHEMICAL SURVEY REPORTSTATE OF NEVADA
COUNTY OF EUREKA

Before me, the subscribed, personally appeared Kenneth D. Snyder for NL Industries, Inc./NL Baroid who being duly sworn, says at least TWO HUNDRED DOLLARS (\$200.00) worth of work or improvements were performed or made upon the following described lode mining claims:

<u>Claim Name</u>	<u>Date Located</u>	<u>Book</u>	<u>Page</u>	<u>BLM Serial Number</u>
Red Canyon #1	July 16, 1980	84	453	NMC-162063
Red Canyon #2	July 16, 1980	84	454	NMC-162064

Map File Number 75249

all being lode mining claims located in the "unknown" Mining District, County of Eureka, State of Nevada (Sec. 17 and 20, T23N, R50E) during assessment year ending September 1, 1983 that such expenditure was made by NL Industries, Inc., a New Jersey corporation acting by and through its NL Baroid Division, P.O. Box 1675, Houston, Texas, 77251, owner of said claims for the purpose of holding said claims.

Said work consisted of a geochemical survey permitted by Federal Statutes 30 U.S.C. 28.1, 30 U.S.C. 28.2, and 43 C.F.R. 53851.2 and was performed during the period May 25, 1983 to July 15, 1983.

GEOCHEMICAL SURVEY

The survey consisted of geochemical soil sampling along lines of traverses located on each mining claim. Soil samples were collected on five (5) traverse lines, 1000 to 1500 feet in length, positioned at a distance of 300 feet from each other. A total of twenty-six (26) soil samples were collected at a constant depth of six (6) inches on 250 foot intervals. Collected samples were analyzed for gold, arsenic, and barium utilizing accepted analytical techniques.

The locations and lengths of the five survey traverse lines are as follows:

- Traverse 1: Starting 250 feet north of the southeast corner of the Red Canyon #2 lode claim (750 feet south and 300 feet east of the Location Monument for Red Canyon #2), the traverse extends 1000 feet in a northern direction, bearing north-south.
- Traverse 2: Starting 300 feet west of the southeast corner of the Red Canyon #2 lode claim (750 feet south of the Location Monument for Red Canyon #2), the traverse extends 1500 feet in a northern direction, bearing north-south.
- Traverse 3: Starting 250 feet north of the southeast corner of the Red Canyon #1 lode claim (750 feet south and 300 feet east of the Location Monument for Red Canyon #1), the traverse extends 1000 feet in a northern direction, bearing north-south.
- Traverse 4: Starting 300 feet west of the southeast corner of the Red Canyon #1 lode claim (750 feet south of the Location Monument for Red Canyon #1), the traverse extends 1500 feet in a northern direction, bearing north-south.

Traverse 5: Starting 250 feet north of the southwest corner of the Red Canyon #1 lode claim (750 feet south and 300 feet west of the Location Monument for Red Canyon #1), the traverse extends 1000 feet in a northern direction, bearing north-south.

Results of the sample analysis identify an area with moderately high values for the elements analyzed. This anomalous area correlates with the existing mineralized structure. The survey indicates that an apparent correlation exists between background values for some of the elements analyzed and rock types occurring in the sampled area. Further interpretation and examination will be required to explain other determined anomalous areas.

The survey was performed by qualified personnel employed by NL Industries, Inc./NL Baroid, P.O. Box 2150, Elko, Nevada, 89801, and all geochemical analyses were performed by Skyline Labs, Inc., 12090 West 50th Place, Wheatridge, Colorado, 80033 on behalf of NL Industries, Inc. All exploration and improvements were made for the purpose of actively developing and holding said claims.

The geochemical survey team employed by NL Industries, Inc. consisted of two geochemical samplers/geologists and was directed by the senior geologist. An expenditure of over Two Hundred Dollars (\$388.44) was paid by NL Industries, Inc. to Skyline Labs, Inc. for the geochemical analyses. A report of the survey is on file with NL Industries, Inc./NL Baroid.

Names, Addresses, and Professional Backgrounds:

Kenneth D. Snyder - Senior Geologist, NL Industries, Inc./NL Baroid. Master of Science - Geology, University of Idaho, 1973. Eleven (11) years experience in International exploration.

Terry K. Koehn - Geochemical Sampler/Geologist, NL Industries, Inc./NL Baroid. Bachelor of Science - Geology, University of Wisconsin, 1978. Five (5) years experience in Western United States exploration.

Joseph E. Wyatt - Geochemical Sampler/Geologist, NL Industries, Inc./NL Baroid. Bachelor of Science - Geology, University of Idaho, 1980. Three (3) years experience in Western United States exploration.

Gordon H. VanSickle - Geochemist, Vice President and Laboratory Manager, Skyline Labs, Inc.

NL INDUSTRIES, INC.


N/A
Witness

N/A
Witness

by: [Signature]
Date: 15 August 1983

Subscribed and sworn to before me this 15 day of

August, 1983

 YOB J. SCERINE
Notary Public - State of Nevada
Elko County, Nevada
My Commission Expires March 8, 1986

[Signature]
Notary Public

RECORDED AT REQUEST OF
Terry K. Koehn
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OFFICIAL RECORDS
ELKO COUNTY, NEVADA
MIN. REBATE ATL. RECORDER
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