

AFFIDAVIT OF PERFORMANCE OF
LABOR ON LODE MINING CLAIMS

GEOCHEMICAL SURVEY REPORT

STATE 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 ONE HUNDRED DOLLARS (\$100.00) worth of work or improvements were performed or made upon the following described lode mining claim:

<u>Claim Name</u>	<u>Date Located</u>	<u>Book</u>	<u>Page</u>	<u>BLM Serial Number</u>
RM 1	August 6, 1980	85	36	NMC-164118

Map File Number 75414

this being a lode mining claim located in the "unknown" Mining District, County of Eureka, State of Nevada (Sec. 28, 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. S3851.2 and was performed during the period June 21, 1983 to July 15, 1983.

GEOCHEMICAL SURVEY

The survey consisted of geochemical soil sampling along lines of traverses located on the mining claim. Soil samples were collected on five (5) traverse lines, varying in length, positioned at a distance of 300 feet from each other. A total of twenty (20) soil samples were collected at a constant depth of six (6) inches on 375 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 300 feet N40°E of the northeast corner of the RM 1 lode claim (20 feet N50°W and 600 feet N40°E of the Location Monument for RM 1), the traverse extends 1500 feet in a southeastern direction, bearing S50°E.
- Traverse 2: Starting 375 feet S50°E of the northeast corner of the RM 1 lode claim (355 feet S50°E and 300 feet N40°E of the Location Monument for RM 1), the traverse extends 750 feet in a southeastern direction, bearing S50°E.
- Traverse 3: Starting 375 feet S50°E and 300 feet S40°W of the northeast corner of the RM 1 lode claim (355 feet S50°E of the Location Monument for RM 1), the traverse extends 1125 feet in a southeastern direction, bearing S50°E.
- Traverse 4: Starting 375 feet S50°E of the northwest corner of the RM 1 lode claim (355 feet S50°E and 300 feet S40°W of the Location Monument for RM 1), the traverse extends 750 feet in a southeastern direction, bearing S50°E.
- Traverse 5: Starting 300 feet S40°E of the northwest corner of the RM 1 lode claim (20 feet N50°W and 600 feet S40°W of the Location Monument for RM 1), the traverse extends 1500 feet in a southeastern direction, bearing S50°E.

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 One Hundred Dollars (\$298.80) 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

by: *Kenneth D. Snyder*

Date: 15 August 1983

N/A
Witness

Subscribed and sworn to before me this 15th day of

August 1983.



Toby J. Sceirine
Notary Public

My Commission Expires March 8, 1986

RECORDED AT REQUEST OF
Terry K. Koehn
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OFFICIAL RECORDS
EUREKA COUNTY, NEVADA
M.N. REBALEATI RECORDER
FILE NO. 88710
FFE \$ 1.25