

AFFIDAVIT OF PERFORMANCE OF
LABOR ON LODE MINING CLAIMS

GEOCHEMICAL SURVEY REPORT

STATE OF NEVADA
COUNTY OF EUREKA

Before me, the subscribed, personally appeared Terry K. Koehn for NL Industries, Inc./NL Baroid who being duly sworn, says at least FOURTEEN HUNDRED DOLLARS (\$1400.00) 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>
R-1	July 29, 1981	85	41	NMC-164123
R-2	July 29, 1981	85	42	NMC-164124
R-3	July 29, 1981	85	43	NMC-164125
R-4	July 29, 1981	85	44	NMC-164126
R-5	July 29, 1981	85	45	NMC-164127
R-6	July 29, 1981	85	46	NMC-164128
R-7	July 29, 1981	85	47	NMC-164129
R-8	July 29, 1981	85	48	NMC-164130
R-9	July 29, 1981	85	49	NMC-164131
R-10	July 29, 1981	85	50	NMC-164132
R-11	July 29, 1981	85	51	NMC-164133
R-12	July 29, 1981	85	52	NMC-164134
R-13	July 29, 1981	85	53	NMC-164135
R-14	July 29, 1981	85	54	NMC-164136

Map File Number 75435

all being lode mining claims situated in the "unknown" Mining District, County of Eureka, State of Nevada (Sec.5,32, T22N, R50E) during assessment year ending September 1, 1981 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, 77001, 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 July 13, 1981 to July 29, 1981.

GEOCHEMICAL SURVEY

The survey consisted of geochemical soil and rock chip sampling along lines of traverse located on each mining claim. Rock chip and soil samples were collected on nine (9) traverse lines of varying lengths positioned at a distance of 750 feet from each other. A total of 81 soil samples were collected at a constant depth of six (6) inches on 300 foot intervals with an additional eighteen (18) rock chip samples being taken. Collected samples were analyzed for arsenic, antimony, barium, copper, gold, silver, and zinc utilizing accepted analytical techniques.

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

Traverse 1: Starting at the SW corner of the R-1 lode claim (1530 feet in a N81W direction from the R-1 location monument) the traverse extends 1200 feet in a N20E direction.

Traverse 2: Starting at the south side center of the R-1 lode claim (810 feet in a S88W direction from the R-1 location monument) the traverse extends 1200 feet in a N20E direction.

Traverse 3: Starting at the SE corner of the R-1 lode claim (300 feet in a S20W direction from the R-1 location monument) the traverse extends 3600 feet in a N20E direction.

- Traverse 4: Starting at the south side center of the R-2 lode claim (810 feet in a S48E direction from the R-2 location monument) the traverse extends 3600 feet in a N20E direction.
- Traverse 5: Starting at the SE corner of the R-2 lode claim (1530 feet in a S59E direction from the R-2 location monument) the traverse extends 3600 feet in a N20E direction.
- Traverse 6: Starting at the south side center of the R-12 lode claim (810 feet in a S88W direction from the R-12 location monument) the traverse extends 3600 feet in a N20E direction.
- Traverse 7: Starting at the SW corner of the R-14 lode claim (300 feet in a S20W direction from the R-14 location monument) the traverse extends 4200 feet in a N20E direction.
- Traverse 8: Starting at the south side center of the R-14 lode claim (810 feet in a S48E direction from the R-14 location monument) the traverse extends 1200 feet in a N20E direction.
- Traverse 9: Starting at the SE corner of the R-14 lode claim (1530 feet in a S59E direction from the R-14 location monument) the traverse extends 1200 feet in a N20E direction.

Results of the sample analysis identify areas with moderately high values for the elements analyzed. These anomalous areas correlate with the existing mineralized structures and indicate 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 215, 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 three geochemical samplers/geologists and was directed by a staff geologist. An expenditure of over FOURTEEN HUNDRED DOLLARS (\$1487.02) was paid by NL Industries, Inc. to Skyline Labs, Inc. for the geochemical analysis. A report of the survey is on file with NL Industries, Inc./NL Baroid.

Names, Addresses, and Professional Backgrounds:

- Terry K. Koehn - Staff Geologist, NL Industries, Inc./NL Baroid.
Bachelor of Science - Geology, University of Wisconsin, 1978.
Experience (3 years) in Western United States Geochemistry.
- Star Downs - Geochemical Sampler/Geologist, NL Industries, Inc./NL Baroid. Bachelor of Science - Geology, Fort Lewis College, Colorado, 1979.
- Diane Groody - Geochemical Sampler/Geologist, NL Industries, Inc./NL Baroid. Bachelor of Science - Geology, Fort Lewis College, Colorado, 1979.
- Mary Beth Kitz - Geochemical Sampler/Geologist, NL Industries, Inc./NL Baroid. Bachelor of Science - Geology, University of Wisconsin, 1981.
- Gordon H. VanSickle - Geochemist, Vice President and Laboratory Manager, Skyline Labs, Inc.

NL INDUSTRIES, INC.

Star Downs
Witness

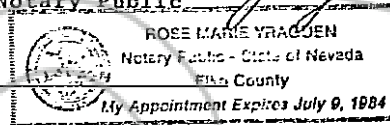
by Terry K. Koehn
Terry K. Koehn

Rent Thoman
Witness

Subscribed and sworn to before me this 25th day
of August 1981.

Rose Marie Yraguen
Notary Public

My Commission Expires 7-9-84



RECORDED AT REQUEST OF
NL Baroid
BOOK 97 PAGE 563

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OFFICIAL RECORDS
EUREKA COUNTY, NEVADA
WILLIS A. DEPAOLI - RECORDER
FILE NO. 81920
FEE \$ 7.00