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AFFIDAVIT OF PERFORMANCE OF
LABOR ON LODE MINING CLAIMS

GEOCHEMICAL SURVEY REPORT

STATE OF NEVADA
COUNTY OF EUREKA

Before me, the subscribed, personally appeared THOMAS F. JENKINS NL Industries, Inc./NL Bariod 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:

CLAIM NAME	DATE LOCATED	BOOK	PAGE	BLM SERIAL NUMBER
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 Bariod 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 September 15, 1983 to October 24, 1983.

GEOCHEMICAL SURVEY

survey
The consisted of geochemical soil and rock chip sampling along lines of traverse located on each mining claim. Soil samples were collected on eight (8) traverse lines of varying lengths positioned at a distance of 600 feet from each other. A total of 95 soil samples were collected at a constant depth of six (6) inches on 750 foot intervals. Collected samples were analyzed for arsenic, antimony, barium, and gold 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 R-14 (1500 feet in a S63E direction from the location monument for R-14) the traverse extens 6000 feet in a N80W direction.

Traverse 2: Starting 375 feet N80W of the SE corner of R-13 (1100 feet in a S60E direction from the location monument for R-13) the traverse extends 6000 feet in a N80W direction.

Traverse 3: Starting 375 feet N80E of the NE corner of R-13 (1130 feet in a N88E direction from the location monument for R-13) the traverse extends 5250 feet in a N80W direction.

Traverse 4: Starting 2625 feet S80E of the NE corner of R-4 (4100 feet in a S79E direction from the location monument for R-4) the traverse extends 6000 feet in a N80W direction.

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Traverse 5: Starting 1125 feet S80E of the SE corner of R-9 (2600 feet in a S68E direction from the location monument for R-9) the traverse extends 6000 feet in a N80W direction.

Traverse 6: Starting 1125 feet S80E of the SE corner of R-10 (2600 feet in a S68E direction from the location monument for R-10) the traverse extends 6000 feet in a N80W direction.

Traverse 7: Starting 1125 feet S80E of the SE corner of R-11 (2600 feet in a S68E direction from the location monument for R-10) the traverse extends 6000 feet in a N80W direction.

Traverse 8: Starting 1500 feet S80E of the NE corner of R-11 (2960 feet in S79E direction from the location monument for R-10) the traverse extends 6000 feet in a N80W 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 occuring 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 Bariod, 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 a staff geologist. An expenditure of over FOURTEEN HUNDRED DOLLARS ($1400.00) 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 Bariod.

Names, Addresses, and Professional Backgrounds:

Kenneth D. Snyder-Senior Geologist, NL Industries, Inc./NL Bariod. 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 Bariod. Bachelor of Science-Geology, University of Wisconsin, 1978. Five (5) years experience in Western United States exploration.

Joseph E. Wyatt-Geochemical Sampler/Geologists, NL Industries, Inc./NL Bariod. 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.

by _____
THOMAS F. JENKINS

_____
Witness

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Witness

Subscribed and sworn to before me this 21st day of November 1983.

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Notary, Public

My Commission Expires September 29, 1985

SHIRLEY ALLISON
Notary Public - State of Nevada
Appointment Recorded in Eureka County
MY APPOINTMENT EXPIRES SEPT. 29, 1985

RECORDED AT REQUEST OF
Thomas F. Jenkins
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OFFICIAL RECORDS
EUREKA COUNTY, NEVADA
H.N. REBALEATI, RECORDER
FILE NO. 91000
FEE $ 17.50