

AFFIDAVIT OF PERFORMANCE OF
LABOR ON LODE MINING CLAIMSGEOCHEMICAL SURVEY REPORTSTATE 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 TWO HUNDRED DOLLARS (\$200.00) worth of work or improvements were performed or made upon the following described unpatented lode mining claims:

<u>CLAIM NAME</u>	<u>DATE LOCATED</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

Map File Number 75417

all being lode mining claims situated in the "unknown" Mining District, County of Eureka, State of Nevada (T23N, R50E, Sec. 32-33?) 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 12, 1981 to July 29, 1981.

GEOCHEMICAL SURVEY

The survey consisted of geochemical soil and rock chip sampling over both of the claims. Soil samples were collected on three east-west traverses, 750 feet apart. A total of eleven (11) soil samples were collected at a constant depth of six (6) inches with an additional five (5) rock chip samples taken. Samples were analyzed for arsenic, barium, copper, gold, silver, antimony, and zinc utilizing accepted analytical techniques.

The locations and extent of each of the three (3) survey traverses are as follows:

Traverse 1: Starting at the north-west corner of CC#1 (750 feet north and 300 feet west of the location monument) the traverse extends 1200 feet in an easterly direction.

Traverse 2: Starting at the west side center of CC#1 (300 feet west of the location monument) the traverse extends 1200 feet to the east.

Traverse 3: Starting at the south-west corner of CC#1 (750 feet south and 300 feet west of the location monument) the traverse extends 1200 feet in an easterly direction.

Results of the sample analysis suggest that some of the elements analyzed may be concentrated in certain areas on the claims. Further examination is necessary to determine the extent of the concentrations.

The survey was performed by qualified personnel employed by NL Industries, Inc./NL Baroid, P.O. Box 2150, Elko, Nevada, 89801; and all the 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 crew employed by NL Industries, Inc. consisted of three geochemical samplers/geologists and was directed by a staff geologist. An expenditure of over TWO HUNDRED DOLLARS (\$227.07) 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:

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,
Durango, Colorado, 1979.

Diane Groody - Geochemical Sampler/Geologist, NL Industries Inc./
NL Baroid. Bachelor of Science - Geology, Fort Lewis College,
Durango, Colorado, 1979.

Mary Beth Kitz - Geochemical Sampler/Geologist, NL Industries, Inc./
NL Baroid. Bachelor of Science - Geology, University of
Wisconsin, Oshkosh, 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

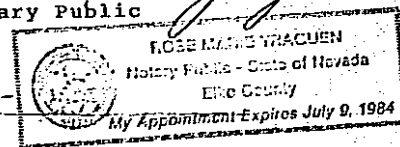
Kent Johnson

Witness

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

Rose Marie Tracuen
Notary Public

My Commission Expires 7-9-84



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NL Baroid
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OFFICIAL RECORDS
EUREKA COUNTY, NEVADA
WILLIS A. DEPAOLI - RECORDER
FILE NO. 81919
FEE \$ 1.00