

AFFIDAVIT OF ANNUAL ASSESSMENT WORK  
(PROOF OF LABOR)STATE OF NEVADA )  
: ss.COUNTY OF Eureka

Roger W. Kolvoord being first duly sworn deposes and says that he is the President of Diversified Exploration Services, Inc., the owner and claimant of the below-described mining claims, and as such is acting in behalf of said owner or claimant, and that said owner or claimant has performed labor or made improvements and/or caused labor to be performed or improvements to be made in good faith on or for the benefit of the WOP number 1 through 112 (BLM serial number N MC 201041-201152), located in sections, 5, 6, 7, T17N, R52E, sections 1 and 12, T17N, R51E, sections 30-31, T16N, R52E, and sections 35-36, T16N, R51E mining claims situated in unnamed mining district, Eureka County, Nevada, during the Assessment Year ending 12:00 noon, September 1, 1982, for the purpose of holding said claims.

Expenditures, labor or improvement on (dates) August 31 and other days, consisting of geological and geophysical surveys having a value of or costing \$ more than \$16,500.00, being more than \$100.00 per claim.

Said labor was performed or improvements made by Connors Drilling Company, Cooney Construction, and Diversified Exploration Services, Inc.

The claim map showing said claim(s) is filed in the Eureka County records.

The above-named unpatented mining claims comprise a contiguous group of claims, all of which are owned or held in common by Diversified Exploration Services, Inc., First Exploration Co., and Long Lac Exploration Co.

Said labor was performed and such improvements were made on the Pan Numbers 20, 23-34, 76-79, 83-85, 96, 118-120, 123, 124, 126-132, 142, 143 147-149 claims for the benefit of all of the above-named claims as part of a common plan of improvement and development for all of the above-named claims, and said labor and improvements tend to improve and develop all of the above-named mining claims.

DATED this 23rd day of Sept., 1982.

Roger W. Kolvoord  
(Name of Subscriber)

SM W. Ringham  
(Witness)

Wallace J. Westman  
(Witness)

SUBSCRIBED and sworn to before me this 23rd day of Sept., 1982.

J. P. Laidley  
NOTARY PUBLIC  
Residing at: 1200 W. 1st St., Lakeview, Co. Nev.

My Commission Expires:

Sept. 13, 1986



SUMMARY OF GEOLOGICAL AND GEOPHYSICAL WORK  
PERFORMED FOR ANNUAL ASSESSMENT  
WOP NUMBER 1 THROUGH 112 CLAIMS

Annual assessment work was begun on the WOP number 1 through 112 claims on August 31, 1982 and continued without interruption until September 10, 1982. Geological work was conducted by M. D. Bingham, an employee of Diversified Exploration Services, Inc., and geophysical surveys were conducted by a field crew employed by DESI and supervised by William Craychee.

Technical Qualifications.

Mr. Bingham holds a B.S. degree in mineralogy from the University of Utah. He has more than 15 years of experience in responsible technical positions as an exploration geologist with Phelps Dodge Corporation, Ranchers Exploration and Development Corporation, Noranda, and Diversified Exploration Services, Inc.

Mr. Craychee has a B.S. in geology and has been employed as an induced polarization party chief by Zonge Engineering and Research Organization and by Diversified Exploration Services. He has approximately two years responsible service as a party chief.

Work Performed and Results.

Geological The entire claim block was mapped geologically. A large body of mostly unaltered equigranular granite or quartz monzonite is exposed on the eastern side of the WOP claims. A NE trending dike, or dikes, of gray to tan quartz porphyry constitutes the western border phase of the intrusive. Along the south edge of the claim block, Ordovician (?) limestones are in fault contact with the intrusives. The stratigraphic position of these rocks is uncertain, but they may correlate with the Antelope Valley formation. These rocks strike N-S to about N150 E; dips range from steep east to steep west. A few outcrops of silicified limestone are exposed, adjacent to the quartz porphyry dike, across the claim block. Bedrock is concealed by thin (?) alluvium across most of the claims.

Geophysical. Resistivity-induced polarization surveys performed on the claims included a gradient array survey, two dipole-dipole 7-spread profiles, and a bipole-bipole reconnaissance survey. For the gradient array survey, a 7,920-foot transmitter dipole was built along the claim end line that includes the WOP 2-29 end line. Receiver lines were run on a N61E trend on claim end lines and side center lines. Three receiver lines were run at 750-foot intervals south of the transmitter line, and three receiver lines were run at 750-foot intervals north of the transmitter. A receiver dipole length of 200 feet was used, and data was recorded for 3,000 to 3,600 feet along each receiver line. Conductive, IP anomalous zone(s) were detected on each receiver line. These zones were studied in greater detail on the line 750 feet north of the transmitter by resurveying using 100-foot receiver dipoles, and by making two seven-spread, dipole-dipole surveys. These studies suggest that in places the IP responsive zone comes to within about 100 feet of the surface. A bipole-bipole reconnaissance survey conducted on the northern part of the claim block indicates that the main zone of the response continues into the NE part of the claims. The reconnaissance survey and a pole-dipole survey indicates that a second responsive zone is present on the NW part of the claims. The indicated strike length of the main IP response is at least 9,000 feet.

Diversified Exploration Services, Inc.

By Roger W. Kolvoord  
Roger W. Kolvoord, President

Worn before me this 23rd day of September, 1982

Jo E. Lidinsky  
NOTARY PUBLIC  
Residing at 12010 W. Center Ave., Lakeview, CO

80228



My Commission Expires:  
Sept. 13, 1986

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Diversified Exploration Services  
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SUBSCRIBED  
82 SEP 27 ALL 11:33  
OFFICIAL RECORDS  
UTAH COUNTY CLERK  
WILLIS A. BEADOLI-RECORDER  
FILE NO. 85-472  
FEE \$56.00