

130451

AFFIDAVIT OF ANNUAL ASSESSMENT WORK
FOR
GROUP OF LODE MINING CLAIMS

STATE OF MONTANA)
ss.
County of Yellowstone)

The undersigned, Patrick C. Cavanaugh, certifies that at least \$62,300 (\$100 per claim) was expended for labor, improvements, and development, including drilling, and geochemical and geophysical surveys, as the annual assessment work for the 623 Nessa and KV lode mining claims listed in the attached Exhibit.

The claims are situated in Township 21 North, Ranges 49, 50, and 51 East, and Township 22 North, Range 50 East, M.D.M., Eureka County, Nevada.

The claimant is ECH, Inc., P.O. Box 3493, Billings, MT 59103.

Said work was performed by or at the expense of Molycorp, Inc., P.O. Box 37, Louviers, Colorado 80131 for the claimant.

The work consisted of 1892 feet of rotary drilling located on claims KV 605, Nessa 57 and Nessa 67, at an expense of \$27,318, and geochemical and geophysical surveys over the claim block at an expense exceeding \$48,382.

A Summary Report, as required by Title 30, United States Code, Section 28-1, for geochemical and geophysical work performed, is attached to this Affidavit.

All of the lode mining claims listed in the attached Exhibit are contiguous, and all the aforesaid work was performed to benefit all the claims. The work was done for the purpose of developing the mineral potential of the claims and to maintain and hold such claims during the annual assessment year ending at noon, September 1, 1989.

DATED: September 12, 1989

By: Patrick C. Cavanaugh
Patrick C. Cavanaugh

STATE OF MONTANA)
:ss
County of Yellowstone)

On this 12th day of September, 1989, before me, Keith K. Kolstad, a Notary Public for the State of Montana, personally appeared Patrick C. Cavanaugh, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.



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Keith K. Kolstad
Notary for the State of Montana,
residing at Billings, Montana.
My commission expires: January 30, 1992

SUMMARY REPORT
GEOCHEMICAL AND GEOPHYSICAL WORK

September 12, 1989

This detailed report is filed in compliance with the requirements of Title 30, United States Code, Section 28-1, for the Messa and KV lode mining claims listed in the attached Exhibit, a contiguous group of 623 claims situated in Townships 21 North, Ranges 49, 50 and 51 East, and Township 22 North, Range 50 East, N.D.M., Eureka County, Nevada.


The work consisted of biogeochemistry and soil gas geochemistry surveys, and induced polarization and resistivity geophysical surveys conducted over the claim group for the purpose of developing the mineral potential of the claims. The work was performed between September 12, 1988 and February 15, 1989, by or under the direct supervision of Ray W. Hammitt, Molycorp, Inc., P.O. Box 37, Louviers, Colorado 80131, a geologist with 15 years of experience in minerals exploration with a Master of Science Degree in Geology from the University of Oregon in 1972. The cost of the geochemical and geophysical surveys exceeded \$48,382, and was paid for by Molycorp, Inc., former lessees of the subject mining claims.

The biogeochemistry survey was conducted over the entire claim group. Results of the survey indicated that mineralization may occur at depth on the claim group.

The soil gas geochemistry survey was conducted over the northeast and northwest corners of the claim group. Results of the survey indicate several mineralized structures may project onto the claim group from the north and may be present at depth on the claim group.

The induced polarization and resistivity geophysical surveys were conducted over the northeast and northwest corners of the claim group. Results of these survey indicated that a mineralized system with low sulfide content may be present on the claim group.

All results of these geological and geochemical surveys are in the possession of ECM, Inc., P.O. Box 3493, Billings, Montana 59103, the owner of the subject mining claims.


Patrick C. Cavanaugh
Senior Geologist
ECM, Inc.
P.O. Box 3493
Billings, MT 59103

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Exhibit to that Assessment Affidavit for the Nessa and KV
contiguous lode mining claims situated in Township 21
North, Ranges 49, 50 and 51 East, and Township 22 North,
Range 50 East, H.D.M., Eureka County, Nevada

Claim Names	BLM Serial Numbers	County Recordation	
		Book	Pages
Nessa 1 to 117 (incl) amended	NMC 519279 to 519395 (incl)	187 191	484 to 600 (incl) 017 to 023 (incl)
Nessa 118 to 241 (incl) amended	NMC 519396 to 519519 (incl)	188 191	1 to 124 (incl) 017 to 023 (incl)
Nessa 332 to 347 (incl) amended	NMC 519520 to 519535 (incl)	188 191	125 to 140 (incl) 017 to 023 (incl)
Nessa 376 to 381 (incl) amended	NMC 519536 to 519541 (incl)	188 191	141 to 146 (incl) 017 to 023 (incl)
Nessa 383 amended	NMC 519542	188 191	147 017 to 023 (incl)
Nessa 385 to 387 (incl) amended	NMC 519543 to 519545 (incl)	188 191	148 to 150 (incl) 017 to 023 (incl)
Nessa 387A amended	NMC 519546	188 191	151 017 to 023 (incl)
Nessa 388 to 389 amended	NMC 519547 to 519548	188 191	152 to 153 017 to 023 (incl)
Nessa 389A amended	NMC 519549	188 191	154 017 to 023 (incl)
Nessa 415 to 422 (incl) amended	NMC 519550 to 519557 (incl)	188 191	155 to 162 (incl) 017 to 023 (incl)
Nessa 509 amended	NMC 519558	188 191	163 017 to 023 (incl)
Nessa 511 amended	NMC 519559	188 191	164 017 to 023 (incl)
Nessa 513 amended	NMC 519560	188 191	165 017 to 023 (incl)
Nessa 515 amended	NMC 519561	188 191	166 017 to 023 (incl)
Nessa 517 amended	NMC 519562	188 191	167 017 to 023 (incl)

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<u>Claim Names</u>	<u>BLM Serial Numbers</u>	<u>County Recordation</u>	
		<u>Book</u>	<u>Pages</u>
Nessa 519 amended	NMC 519563	188 191	168 017 to 023 (incl)
Nessa 521 amended	NMC 519564	188 191	169 017 to 023 (incl)
Nessa 523 amended	NMC 519565	188 191	170 017 to 023 (incl)

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<u>Claim Names</u>	<u>BLM NMC Serial Numbers</u>	<u>County Recordation Book</u>	<u>Pages</u>
KV 1-72 (inclusive)	516079-516150 (inclusive)	185	139-210 (inclusive)
KV 100-132 (inclusive)	516615-516197 (inclusive)	185	225-257 (inclusive)
KV 200-216 (inclusive)	516201-516217 (inclusive)	185	261-277 (inclusive)
KV 217 (amended)	516218	185 191	278 026-027
KV 218-230 (inclusive)	516219-516231 (inclusive)	185	279-291 (inclusive)
KV 231	516232	185	293
KV 410-416 (inclusive- amended)	516239-516245 (inclusive)	185 191	299-305 (inclusive) 013-014
KV 417A (amended)	516246	185 191	307 013-014
KV 417B (amended)	516247	185 191	307 013-014
KV 418-464 (inclusive- amended)	516248-516294 (inclusive)	185 191	308-354 (inclusive) 013-014
KV 600 (amended)	516335	185 191	396 013-014
KV 600A (amended)	516336	185 191	395 013-014
KV 601 (amended)	516337	185 191	398 013-014
KV 601A (amended)	516338	185 191	397 013-014
KV 602-629 (inclusive- amended)	516339-516366 (inclusive)	185 191	399-426 (inclusive) 013-014
KV 631 (amended)	516368	185 191	428 013-014

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<u>Claim Names</u>	<u>BLM NMC Serial Numbers</u>	<u>County Recordation Book</u>	<u>Pages</u>
KV 633 (amended)	516370	185 191	430 013-014
KV 635 (amended)	516372	185 191	432 013-014
KV 810-829 (inclusive- amended- amended)	516435-516454 (inclusive)	185 191 191	495-514 (inclusive) 013-014 024-025
KV 830 (amended)	516455	185 191	516 013-014
KV 830A (amended)	516456	185 191	515 013-014
KV 831 (amended)	516457	185 191	518 013-014
KV 831A (amended)	516458	185 191	517 013-014
KV 832-849 (inclusive- amended)	516459-516476 (inclusive)	185 191	519-536 (inclusive) 013-014
KV 1014-1019 (inclusive- amended)	516535-516540 (inclusive)	185 191	595-600 (inclusive) 013-014
KV 1020-1079 (inclusive- amended)	516541-516600 (inclusive)	186 191	001-060 (inclusive) 013-104

170-157

RECORDED AT THE REQUEST OF
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Ecm Inc
OCT 23 1990

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OFFICIAL RECORDS
EUREKA COUNTY, NEVADA
P.M. REBAL LAM, RECORDER
FILE NO. FCC 1090 25