



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
3550 N. Central Ave, 2nd floor  
Phoenix, AZ, 85012  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

The following file is part of the Grover Heinrichs Mining Collection

#### **ACCESS STATEMENT**

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

#### **CONSTRAINTS STATEMENT**

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

#### **QUALITY STATEMENT**

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

a v o

TO Howard Lanier LOCATION Ft. Wayne, Ind.  
 FROM Don P. Bellum LOCATION Tucson, Ariz.  
 SUBJ. Squaw Peak Ore Reserves DATE March 1, 1974

C  
O P. Eimon  
P Y L. Lichty  
T  
O

As part of the evaluation of Squaw Peak a preliminary mining plan has been developed and mining ore reserves have been calculated. These reserves are developed on the basis of a 0.30% Cu cut-off and include all the sample data on drilling completed to date. The cut-off grade is based on the expected production costs which will be verified during the evaluation. The configuration of the orebody makes it possible to mine a higher grade ore in the initial years of production and the mining has been planned in two phases.

Squaw Peak Ore Reserves

<u>Phase</u>	<u>Ore Tons</u>	<u>% Cu</u>	<u>% Mo</u>	<u>Waste Tons</u>	<u>Strip Ratio</u>
1	8,486,000	0.44	0.21	5,013,000	0.59/1
2	3,172,000	0.36	0.21	4,001,000	1.26/1
Total	11,658,000	0.42	0.21	9,014,000	0.77/1

The molybdenum content is the average of drill holes SP-1, SP-2, SP-4, and SP-6 only. The gold and silver content of 0.002 oz. per ton and 0.026 oz. per ton, respectively, will have little affect on the value of the ore. The laboratory test work has been completed on 20 samples comprising the above drill holes and it is estimated that average recovery of 82% for copper, 55% for molybdenum, and 50% for the gold and silver can be expected.

DPB:td

DPB

Howard Lanier

Ft. Wayne, Ind.

Paul Eimon

Tucson, Arizona

Squaw Peak Copper Project

Aug. 17, 1973

Attached are:

1. RFA #335-47 for the Squaw Peak Mining Project
2. Unsigned copies of Option Agreement and Memorandum of Option Agreement for the Squaw Peak copper project
3. A summary report on the Squaw Peak Mine with attached location, geology, and claim map.

Through contacts made by Bud Temple, Lyall Lichty, and Grover Heinrichs, Essex has obtained an opportunity to option the Squaw Peak Mine and surrounding ground from the basic owners under the terms in the attached Option Agreement.

This unique exploration opportunity came about when Phillips Petroleum decided to abruptly discontinue most of their mineral exploration program in the U.S. because of corporate budgetary demands in the petroleum and natural gas part of Phillips Petroleum. They actually made a \$10,000 option payment to the owners and three weeks later wrote to the owners requesting that they return the \$10,000. In any event, our contact with the owners, initiated by Bud Temple, met the owners at the time they were frustrated in being able to do the assessment work that had to be started by Aug. 31, 1973. We have therefore negotiated the agreement attached, telling them that if they can have it signed almost immediately and forwarded to Ft. Wayne we feel there is a chance that Essex will sign the agreement and initiate the exploration work that will protect the ownership of the unpatented claims.

For this reason and because of the attractiveness of both the property and the agreement, I would like to request almost immediate action on this RFA and agreement if they are acceptable to Essex. Squaw Peak has value on its own merits and additional value if we are successful with the Hassayampa exploration. Squaw Peak might become a property that we "sit on" as back-up reserves to Hassayampa.

I have not forwarded any cash flow studies on Squaw Peak because of time factors, but suggest you refer to previous cash flow studies by Lyall Lichty on the Hassayampa deposit with the understanding that the ore at Squaw Peak is at the surface for initial production, all will be sulfides recoverable by flotation methods, and there will be no royalty or minimum payments.

The initial six months \$17,650 expenditure will produce cash flow studies and metallurgic tests on the ore. Some metallurgical work has been completed by Phillips and has been reviewed by Lyall Lichty, and it appears competently done. This data will be reviewed in detail prior to Essex' tests on samples obtained from Essex drilling and Phillips' and other core that we will obtain as part of the agreement.

Ken Jones is in the Camp Verde area today for field checking of the property and he will attempt to have the agreement signed by Squaw Peak Copper Mining Company today or tomorrow and will mail the signed document directly to Ft. Wayne. If and when the agreement is signed by Squaw Peak Copper Mining Company I would like to have, as soon as possible, an answer on this RFA #335-47 and the acceptability of the agreement by Essex. When we get a telephone message from you that both the RFA and the agreement will be approved, we will immediately initiate steps necessary to get the drilling going. We still lack the signed copies from Earth-Day on the Hassayampa agreement but assume that they will be returned shortly. If they are, the Squaw Peak drilling will be done cooperatively with the Hassayampa drilling.

If the Hassayampa agreement is not completed we will start the Camp Verde project drilling as soon as we obtain approval.

Paul I. Eimon

PIE:td  
Aug. 17, 1973

August 27, 1973

*Gale*  
Mr. ~~H.O.~~ Wingfield, President  
Squaw Peak Copper Mining Company  
P.O. Box 6  
Camp Verde, Arizona 86321

Dear Mr. Wingfield:

Attached is the signed executed agreement between Squaw Peak Copper Mining Company and Essex International, Inc., a copy of the Memorandum of Option Agreement, and a check for \$2,000.

We will record the Memorandum of Agreement.

Very truly yours,

Paul I. Eimon  
Manager of Exploration

ESSEX INTERNATIONAL, INC.

PIE:td  
attachments

cc: H. Lanier  
Ft. Wayne, Ind.  
Verity & Smith  
Tucson, Arizona

**In December 2002 additional files were obtained from the Estate of Grover Heinrich. Included in that data was a Squaw Peak summary report, drill hole logs and assays, and other data.**

**Please see box labeled Squaw Peak in G Heinrichs file cabinet 3 drawer 6.**

**Thank you.  
Nyal Niemuth**

**January 15, 2003**