



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
416 W. Congress St., Suite 100  
Tucson, Arizona 85701  
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

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EGH

Clem C

# MINERALS AND CHEMICALS CORP.

2706 LaFayette Avenue  
Richmond, Virginia 23228

P.O. Box 456  
Cuba, New Mexico 87013

P.O. Box 2185  
Agana, Guam 96910

EXAM  
MAR 8 1971  
RECEIVED

March 5, 1971

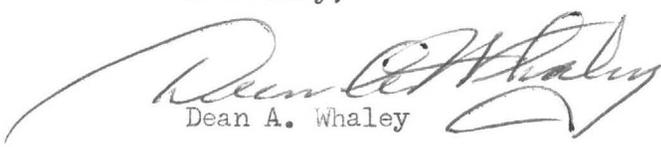
Essex International, Inc.  
1704 West Grant Road  
Tucson, Arizona - 85705

Attention: Mr. Heinrichs

Dear Sir:

As per your request you will find enclosed the data sheets on the two mineral deposits discussed at our recent meeting at your office in Tucson. These are far from being complete as we would like, but the best we can do at the present time. You will find also enclosed analysis on our mineral samples as performed by Hawley and Hawley of Tucson.

Sincerely,

  
Dean A. Whaley

DAW/ww

*Clem for your info please return EGH*

OKC

|   |   |                      |  |         |
|---|---|----------------------|--|---------|
| COUNTY:<br>Sandoval   | COUNTRY: <del>REPUBLIC</del><br>United States | STATE:<br>New Mexico | NAME OF PROPERTY:<br>H. C. Lasater Claim Number 1 and 2<br>Dean A. Whaley Claim Number 1 and 2<br>Minerals and Chemicals Claim # 1 - 6                   |         |
| DISTRICT OR AREA:<br>Penas Negras   | METALS:<br>Copper<br>Silver<br>Selenium       | ACCOUNT NUMBER:      |  | NUMBER: |
| GENERAL DESCRIPTION:<br>Section 4, Township 20 North, Range 2 East,<br>Sandoval County, New Mexico  |   |                      | EXAMINED BY:   |         |
|   |   |                      | DATE:  |         |
|   |   |                      | BRIEFED BY:  |         |
|   |   |                      | DATE:  |         |
|   |   |                      | STATUS:  |         |
| TYPE OF DEPOSIT:<br>Malachite and Native Selenium   |   |                      |  |         |
| GEOLOGY<br><br>Cretaceous or Early Cenozoic   |   |                      | LOCATION:  |         |
|   |   |                      | ELEVATION: 8,400 feet  |         |
|   |   |                      | LAT: 35° 59'      LONG: 106° 44'   |         |
|   |   |                      | ACCESS:  |         |
|   |   |                      | DEVELOPMENT:<br>OPEN Pit Mining in Progress  |         |
| MINERALIZATION:<br><br>Coarse granular quartzite with the<br>predominately cementing material being<br>clayed malachite with some chalporite<br><i>Chalocite?</i> |   |                      | PROPERTY & OWNERSHIP:<br><br>United States Forest Service<br>Land claimed by H. C. Lasater,<br>Dean A. Whaley, and Minerals and<br>Chemicals Corporation |         |
| GEOPHYSICS:   |   |                      | AERIAL PHOTOGRAPHS:  |         |
| GEOCHEMISTRY:   |   |                      | TOPOGRAPHIC MAPS:  |         |
| MAPS & REPORTS:   |   |                      |  |         |

**MINERAL PROSPECT**

**DEPOSIT DATA SHEET**

**ESSEX INTERNATIONAL, INC.**

1704 WEST GRANT RD., TUCSON, ARIZONA 85705  
PHONE (602) 624-7421

BY:

DATE:

|                   |         |
|-------------------|---------|
| NAME OF PROPERTY: | NUMBER: |
|-------------------|---------|

REFERENCES:

PRODUCTION & RESERVES

SAMPLES:

METALLURGY:

ENGINEERING:

FACILITIES:

EXPLORATION POSSIBILITIES:

ADDITIONAL INFORMATION OR SKETCH MAP:

# HAWLEY & HAWLEY

ASSAYERS AND CHEMISTS, INC.

1700 W. GRANT RD. • BOX 50106 • 622-4836

TUCSON, ARIZONA 85703

SX  
BRANCHES

DOUGLAS, ARIZONA  
HAYDEN, ARIZONA  
EL PASO, TEXAS  
ST. LOUIS, MO.

MAR 8 1971

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| IDENTIFICATION | GOLD<br>OPT   | SILVER<br>OPT | LEAD<br>% | COPPER<br>% | ZINC<br>% | MO.<br>% | IRON<br>% |  |  |
|----------------|---------------|---------------|-----------|-------------|-----------|----------|-----------|--|--|
| 0.20<br>0.310  | 0.30<br>0.310 | 0.95<br>0.95  |           | 1.21        |           |          |           |  |  |

Question  
this. OKC

CC:  
ADD:  
CITY:  
DD:  
CITY:

REMARKS:

ANALYSIS CERT. BY

ACC:

DATE SPL. RECEIVED

DATE COMPL

PREPARATION \$  
ANALYSIS \$  
\$



|                             |                                  |                             |  |
|-----------------------------|----------------------------------|-----------------------------|--|
| <b>COUNTRY:</b><br>Sandoval | <b>COUNTRY:</b><br>United States | <b>STATE:</b><br>New Mexico | <b>NAME OF PROPERTY:</b><br>Shoyer property leased by Minerals and Chemicals Corporation |
|-----------------------------|----------------------------------|-----------------------------|--|

|  |                          |                        |                |
|--|--------------------------|------------------------|----------------|
| <b>DISTRICT OR AREA:</b><br>Penas Negras | <b>METALS:</b><br>Copper | <b>ACCOUNT NUMBER:</b> | <b>NUMBER:</b> |
|--|--------------------------|------------------------|----------------|

|  |                     |
|--|---------------------|
| <b>GENERAL DESCRIPTION:</b><br>Section 3, Township 20 North, Range 2 East, Sandoval County, New Mexico | <b>EXAMINED BY:</b> |
|  | <b>DATE:</b>        |
|  | <b>BRIEFED BY:</b>  |
|  | <b>DATE:</b>        |
|  | <b>STATUS:</b>      |

|  |
|--|
| <b>TYPE OF DEPOSIT:</b><br>Malachite and Native Selenium |
|--|

|  |  |
|--|--|
| <b>GEOLOGY</b><br><br>Cretaceous or Early Cenozoic | <b>LOCATION:</b>                                   |
|  | <b>ELEVATION:</b> 8400 feet                        |
|  | <b>LAT:</b> 35° 59' <b>LONG:</b> 106° 43'          |
|  | <b>ACCESS:</b>                                     |
|  | <b>DEVELOPMENT:</b><br>Open pit mining in progress |

|   |  |
|---|--|
| <b>MINERALIZATION:</b><br>Coarse granular quartzite with the predominately cementing material being clayed malachite with some chalporite<br><i>Chalocite ?</i> | <b>PROPERTY &amp; OWNERSHIP:</b><br>Leased by Minerals and Chemicals Corporation - Owned by Shoyer |
|---|--|

|                    |                            |
|--------------------|----------------------------|
| <b>GEOPHYSICS:</b> | <b>AERIAL PHOTOGRAPHS:</b> |
|--------------------|----------------------------|

|                      |                          |
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| <b>GEOCHEMISTRY:</b> | <b>TOPOGRAPHIC MAPS:</b> |
|----------------------|--------------------------|

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| <b>MAPS &amp; REPORTS:</b> |
|----------------------------|

|  |                           |
|--|---------------------------|
| <b>MINERAL PROSPECT</b>  | <b>DEPOSIT DATA SHEET</b> |
| <b>ESSEX INTERNATIONAL, INC.</b><br>1704 WEST GRANT RD., TUCSON, ARIZONA 85705<br>PHONE (602) 624-7421 | <b>BY:</b>                |
|  | <b>DATE:</b>              |
|  |                           |

NAME OF PROPERTY:

NUMBER:

REFERENCES:

PRODUCTION & RESERVES

SAMPLES:

METALLURGY:

ENGINEERING:

FACILITIES:

EXPLORATION POSSIBILITIES:

ADDITIONAL INFORMATION OR SKETCH MAP: