



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources 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.

PRINTED: 02/20/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: GERONIMO NORTH & SOUTH

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 290

LOCATION: TOWNSHIP 3 S RANGE 23 W SECTION 34 QUARTER SE
LATITUDE: N 33DEG 06MIN 58SEC LONGITUDE: W 114DEG 36MIN 46SEC
TOPO MAP NAME: PICACHO - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD OXIDE
ZINC OXIDE
SILVER
IRON
MOLYBDENUM SULFIDE
VANADIUM
FLUORINE FLUORSPAR

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 176
ADMMR GERONIMO NORTH & SOUTH FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE
ERNEST W. MC
COLORADO RIVER

114°37'30"
33°07'30"

2 500 000 FEET (CALIF.)

35'

GERONIMO N+S

350 000 FEET
(CALIF.)

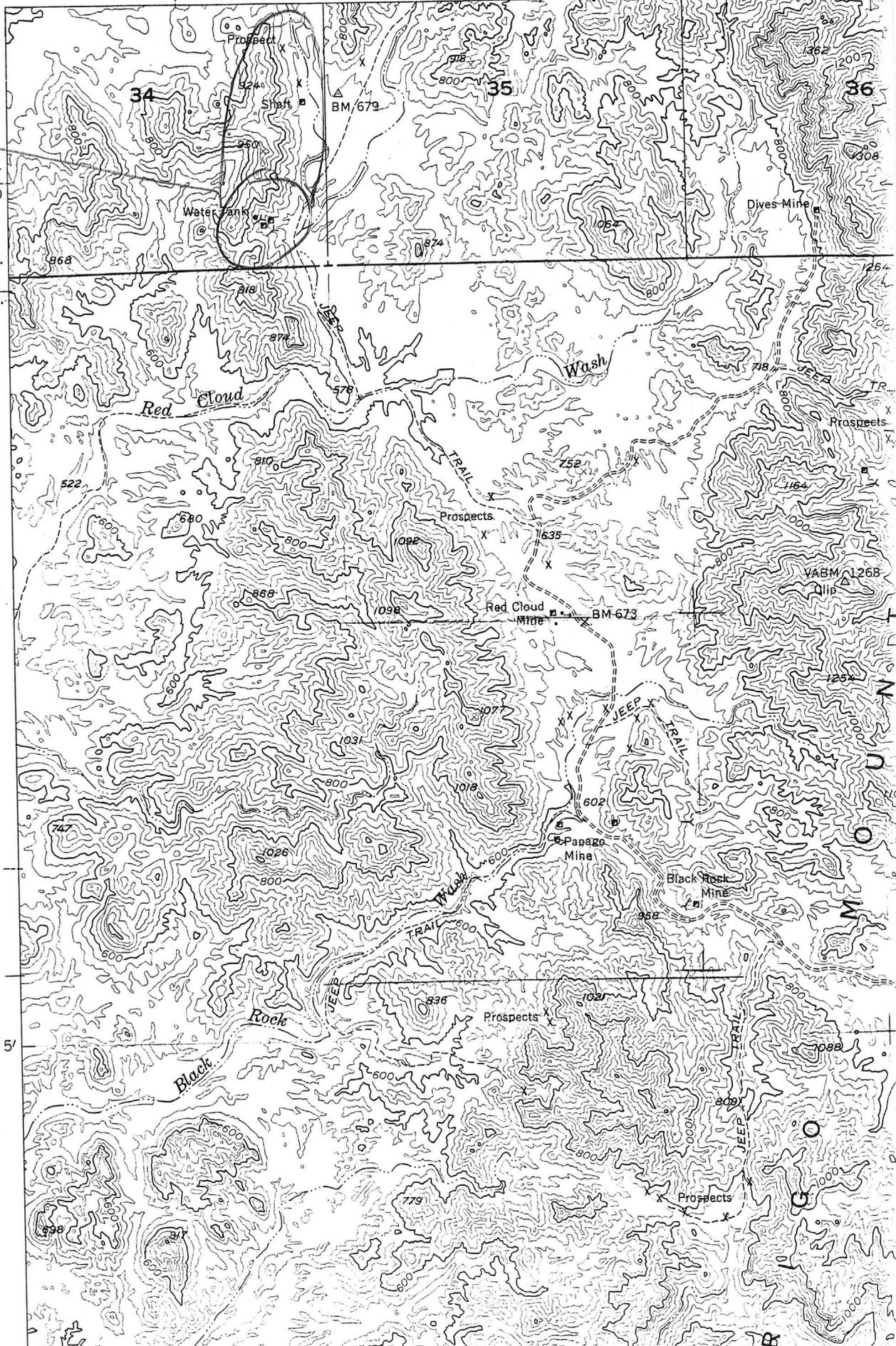
T. 3 S.

T. 4 S.

PIACHO 7.5

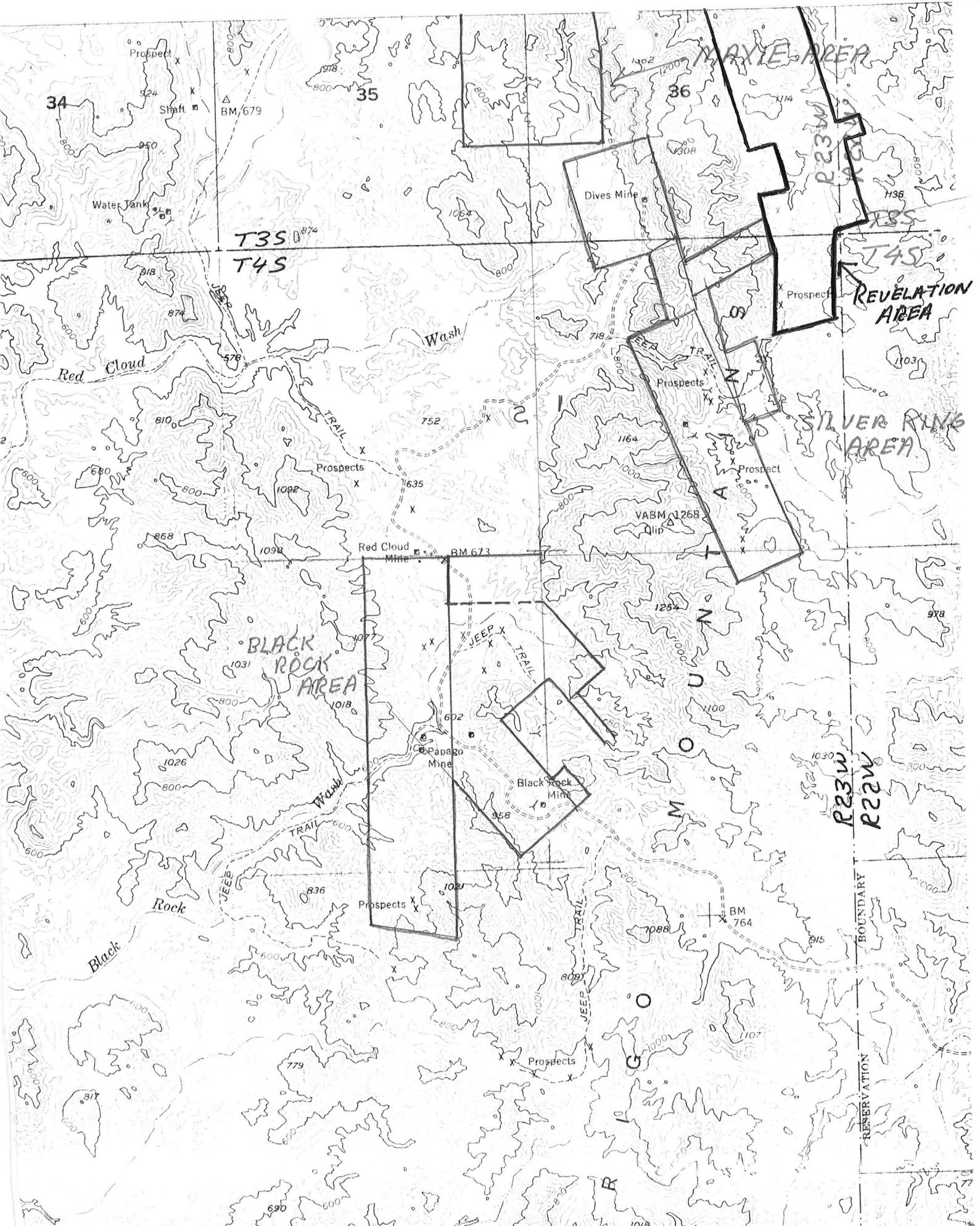
T3S, R23W

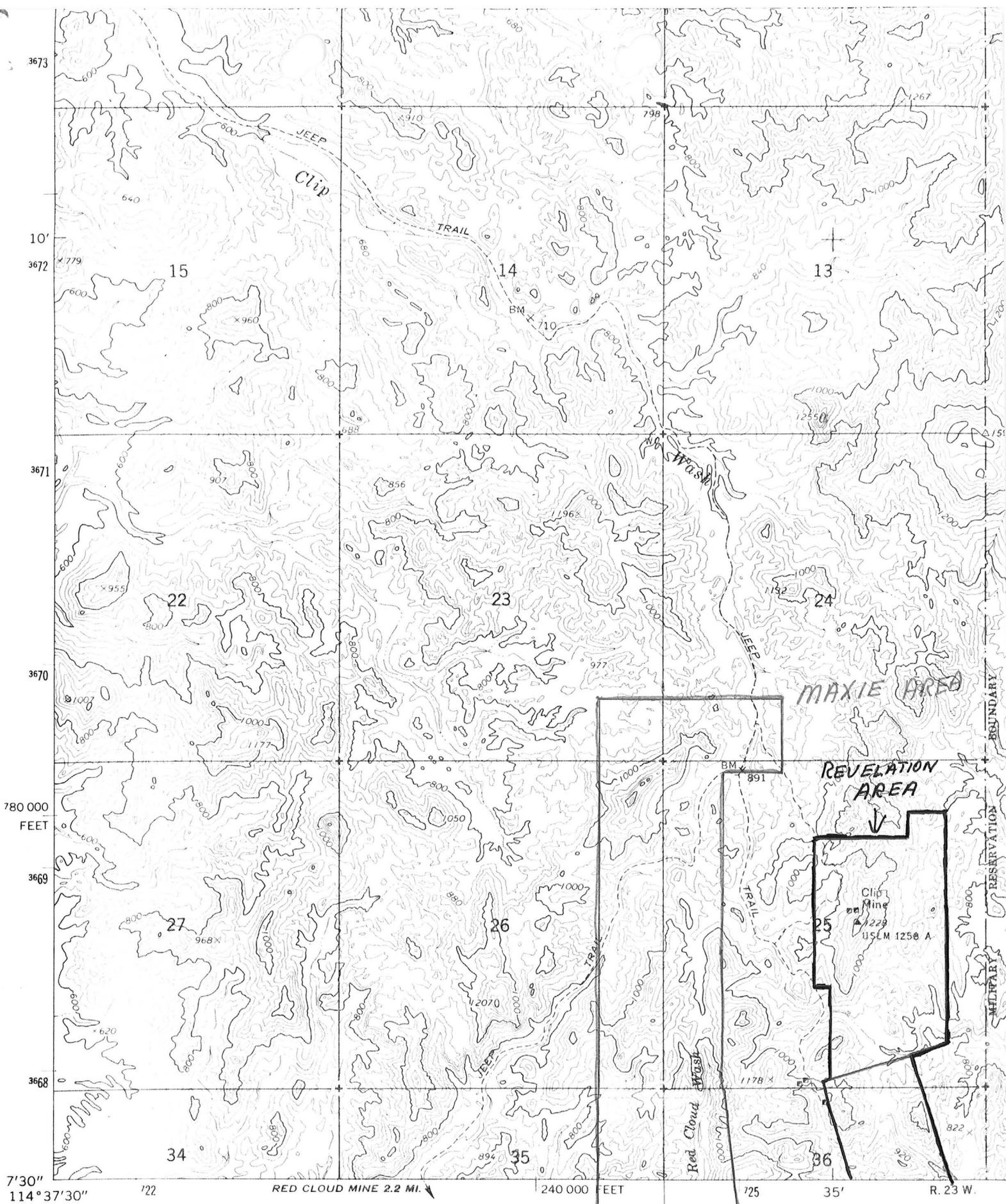
Sec 34



5'

R





Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1962. Field checked 1965

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks



Date Printed: 10/01/96

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION SUMMARY

Information from: **P. E. Fox, President and CEO**
Company: **Silverspar Minerals, Inc.**
Address: **409 Granville Street, Suite 1409**
Vancouver, BC CANADA V6C 1T8
Phone: **604-669-5737**

MINE FILE: **Geronimo North & South**
County: **La Paz**
AzMILS Number: **290**

SUMMARY

I called the number for Silverspar Minerals in the Canadian Mines Handbook to obtain current information from the company on their interest in the Eureka (Silver) District of La Paz County. The phone was answered by Mr. P.E. Fox, listed as President and CEO of Silverspar Minerals. He did not identify the company over the phone until I asked if I had reached Silverspar Minerals, to which he answered yes. He explained the current status of the properties as having received recent "exciting inquiries regarding silver and continued interest in fluorspar". Further he is "expecting some venture funding soon"... on the project. No work was done on the Arizona properties last year except review and analysis. This comment has been abstracted to the following ADMMR mine files: Blaine, Black Rock, Dives, Geronimo North & South, Hamburg, Mendevil, New Jersey Zinc company file, Papago, and State

Ken A. Phillips, Chief Engineer Date: September 13, 1996

Date Printed: 02/23/95

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

Information from: Wendell Wilson

Company: Mineralogical Record Magazine

Address:

City, State ZIP: Tucson, Arizona

Phone:

MINE: Geronimo

ADMMR Mine File: Geronimo North and South

County: La Paz

AzMILS Number: 290

SUMMARY

Wendel Wilson, Editor and Publisher of the Mineralogical Record requested information on the Geronimo Mine in the Eureka (Silver) District of La Paz County. He is preparing an article for a future issue of the magazine on the vanadanite specimens from the property.

Ken A. Phillips, Chief Engineer Date: February 23, 1995

Jerónimo Márquez
South

Silver Glance Resources Inc.

1409 - 409 Granville Street
Vancouver, B.C. Canada V6C 1T8
Telephone (604) 669-2428

LETTER TO SHAREHOLDERS

Erosion of the Ozone layer by chlorine-bearing fluorocarbons has sparked new restrictions on the use of chlorofluorocarbons (CFC's) and has accelerated phase-out deadlines. This is good news for shareholders of Silver Glance Resources Inc. Two years ago the Company decided to exploit its reserves of fluorite-bearing rock in its Silver District property near Yuma, Arizona to take advantage of increasing environmental concerns regarding CFC's. The cry over CFC's and the depletion of the Ozone layer has now reached the crisis stage. The Company's decision to switch to fluorite is proving to be a good one. The stock has moved to the \$3.50 to \$4.00 range and interest in the Company continues to grow.

The Significance of Fluorite

Fluorite is the chief feedstock for the new Ozone benign products, hydrofluorocarbons (HFC'S) and hydrochlorofluorocarbons (HCFC's). A three-fold demand for fluorite and its immediate product hydrofluoric acid is anticipated with the shift from CFC-based products to HFC's. In addition, some two tons of acidspar is required to produce one ton of hydrofluoric acid. There is thus a five-fold multiplier in effect on acidspar production. The Company's Silver District property near Yuma, Arizona is the only open-pit acidspar deposit in the United States and is potentially the only domestic producer to supply fluorite to consumers on the U.S. market. Deposits in the Silver District Mining District have the potential to be low cost producers because of their low mining and processing costs, nearby transportation and proximity to end-users.

Reserves

Current reserves are four million tons grading five ounces per ton silver which include 1.8 million tons of acidspar quality rock grading 14% fluorite. Recent work has resulted in an increase in over-all grade and quality along with the discovery of a new zone in which early drill results returned 14% fluorite over a true width of thirty feet. This zone, accessible by open pit mining, is open along strike and to depth and could add a significant component to the reserve base. On-going work will exploit this reserve and develop final processing requirements to produce 50,000 tons of acidspar and one million ounces silver per year.

Recent Developments

The United States recently passed a measure to accelerate the elimination of CFC's in refrigerants, solvents, insulating processes and other applications. Production of CFC's had been slated for extinction by the year 2000. The U.S. is now considering moving that date five years closer. DuPont Co. and Allied-Signal Inc., two of the largest CFC producers, have spent about \$600 million to develop and produce CFC alternatives. DuPont has authorized construction of the world's largest facility to produce non-ozone-depleting HFC's. The Company said that the \$100 million worldscale plant at Corpus Christi, Texas, will have an annual capacity of about 70 million pounds to produce HFC-134A and HCFC-124. Coupled with an existing facility at the same site and a plant under construction in Chiba, Japan, DuPont said that by 1993 it will have capacity to produce up to 75 million pounds annually of HFC-134a and 50 million pounds of HCFC-124. Design is under way for a fourth facility in Dordrecht, the Netherlands, which is projected for completion by 1994.

HFC-134a is now targeted to replace all CFC products in new automobile air conditioning systems, commercial and industrial refrigeration equipment and home refrigerators. HCFC-124 will be a component of DuPont's products for servicing existing and new systems in home refrigerators, automobiles, refrigerated transport and some supermarket applications.

Outlook

All in all, the Company is well-positioned to capitalize on the accelerating demand for new, environment-friendly fluorocarbon products. Our growing resource base coupled with low production costs, by-product credits, access to the U.S. market and proximity to transportation all enhance the future potential of the Silver District project.



Philip J. Rogers

President

February 11, 1992

Schedule B: Supplementary Information - Silver Glance Resources Inc.

Securities Issued during the Second Quarter Ended January 31, 1992

| Date | Type of Security | Type of Issue | Number | Price | Total Proceeds | Type of Consideration | Commission |
|---------------|------------------|-----------------|--------|-------|----------------|-----------------------|------------|
| Nov. 22, 1991 | Common | Shares for Debt | 9,200 | 2.50 | \$ 23,000 | Royalties | 0 |
| Dec. 12, 1991 | Common | Options | 50,000 | 1.10 | \$ 55,000 | Cash | 0 |
| Dec. 12, 1991 | Common | Options | 45,000 | 1.60 | \$ 72,000 | Cash | 0 |
| Jan. 31, 1992 | Common | Options | 10,000 | 1.60 | \$ 16,000 | Cash | 0 |

Options Granted During the Second Quarter Ended January 31, 1992

| Security | Number or Amount | Exercise or Convertible Price | Expiry Date |
|----------|------------------|-------------------------------|-------------------|
| Option | 160,000 | \$ 3.60 | December 12, 1993 |

Authorized and Issued Share Capital at as January 31, 1992

| Class | Par Value | Authorized Number | Issued Number | Issued Amount |
|--------|-----------|-------------------|---------------|---------------|
| Common | N.P.V. | 20,000,000 | 1,621,848 | 11,176,615 |

Options, Warrants and Convertible Securities Outstanding as at January 31, 1992

| Security | Number or Amount | Exercise or Convertible Price | Expiry Date |
|----------|------------------|-------------------------------|-------------------|
| Options | 160,000 | \$ 3.60 | December 12, 1993 |
| Warrants | 125,000 | \$ 1.50 | July 17, 1992 |

There are no flow-through shares or shares in escrow or subject to pooling as at January 31, 1992.

Schedule C: Management Discussion

PROPERTIES

The second quarter was highlighted by the announcement of a new fluorite discovery on the Silver District Property near Yuma, Arizona. The 1991 drill program produced significant fluorite assays from the Princess area, a vein system mined for silver in the 1870's. Three of the eight reverse circulation holes (#287, 288 and 290 at the extreme north end) returned assays averaging 5.6% fluorite over 10 feet, 14.9% fluorite over 30 feet and 14% fluorite over 30 feet respectively. The zone remains untested for a further 1,000 feet north as far as the Old Hamburg Mine. The Company believes considerable tonnage could be added to the over-all fluorite inventory between the Old Hamburg Mine and holes 288 and 290.

Subsequent to the quarter-end, the 1992 drill program was commenced on the Silver District. The program will consist of approximately 8,000 feet of reverse circulation drilling in over 30 holes and has three objectives - (1) define the Princess zone; (2) firm-up reserves on the Black Rock deposit; and (3) test possible extensions of the Silver King, Maxie #2 and Padre Keno zones all of which are currently open.

With the completion of the 1992 program, the Company will have fulfilled the \$500,000 expenditure requirement to earn a 100% interest in the Silver District Property, subject to a 1.5% net smelter return.

FINANCING

The Company received \$143,000 from the exercise options for 105,000 common shares by two directors and two employees. Regulatory authorities approved the issue of 9,200 common shares to settle 1990 property payments totalling \$20,000 U.S. on certain claims within the Silver District.

Subsequent to the quarter end, the Company has received \$426,800 from the exercise of options for an additional 118,000 common shares by three directors and three employees.

OUTLOOK

The Company received invaluable assistance in January when the earth's Ozone Layer attracted worldwide headlines. The U.S. National Aeronautics and Space Administration announced startling findings from atmospheric studies which showed record-high concentrations of chlorine monoxide over the skies of the Northern Hemisphere. Chlorine monoxide is a chemical by-product of the chlorofluorocarbons (CFC's) known to be the chief agents of Ozone destruction. This announcement has motivated governments in developed countries to review the timetable for the total phase-out of the production of CFC's. Total phase-out which was scheduled for the year 2000 is now being considered for the mid 1990's. Germany has announced total phase-out by the end of 1993.

The shift from CFC's to Ozone-benign products, hydrofluorocarbons (HFC's) and hydrochlorofluorocarbons (HCFC's), is expected to at least double the worldwide demand for acid grade fluorite (acid spar) the chief feedstock of HFC's and HCFC's.

The Company's Silver District Property is the only open-pit acid spar deposit in the United States and is potentially the only domestic producer to supply fluorite to consumers in the U.S. market.

Upon the completion of the 1992 drill program, the Company is planning to proceed with a development process that will result in a feasibility report by January, 1993. The financing for this development process will be indirectly assisted by the worldwide concerns about Ozone depletion.



Philip J. Rogers, CA
President
March 31, 1992

Directors of the Company

Philip J. Rogers
North Vancouver, B.C.
President/Director

President of the Company; Self-employed
Chartered Accountant (1983 to present).

Peter E. Fox
Vancouver, B.C.
Director

Consulting geologist, Fox Geological
Consultants Ltd. (a non-reporting British
Columbia company) 1971 to date.

John W. Fisher
Delta, B.C.
Director

Chemical Engineer, Metallurgist; Rea
Gold Corporation.

Jan Van Der Weij
North Vancouver, B.C.
Director

Businessman.



INSTRUCTIONS

This report is to be filed by Exchange Issuers within 60 days of the end of their first, second and third fiscal quarters and within 140 days of the end of their fourth fiscal quarter. Three schedules (typed) are to be attached to this report as follows:

SCHEDULE A: FINANCIAL INFORMATION

Financial information prepared in accordance with generally accepted accounting principles for the fiscal year-to-date, with comparative information for the corresponding period of the preceding fiscal year. This financial information should consist of the following:

For the first, second and third fiscal quarters:

An interim financial report presented in accordance with Section 1750 of the C.I.C.A. Handbook. This should include a summary income statement (or a statement of deferred costs) and a statement of changes in financial position. A summary balance sheet is also to be provided.

For the fourth fiscal quarter (year end):

Annual audited financial statements.

SCHEDULE B: SUPPLEMENTARY INFORMATION

The supplementary information set out below is to be provided when not included in Schedule A.

1. For the current fiscal year-to-date:

Breakdown, by major category, of those expenditures and costs which are included in the deferred costs, exploration and development expenses, cost of sales or general and administrative expenses set out in Schedule A. State the aggregate amount of expenditures made to parties not at arm's length from the issuer.

2. For the quarter under review:

- (a) Summary of securities issued during the period, including date of issue, type of security (common shares, convertible debentures, etc.), type of issue (private placement, public offering, exercise of warrants, etc.) number, price, total proceeds, type of consideration (cash, property, etc.) and commission paid.
(b) Summary of options granted, including date, number, name of optionee, exercise price and expiry date.

3. As at the end of the quarter:

- (a) Particulars of authorized capital and summary of shares issued and outstanding.
(b) Summary of options, warrants and convertible securities outstanding, including number or amount, exercise or conversion price and expiry dates.
(c) Total number of shares in escrow or subject to a pooling agreement.
(d) List of directors.

SCHEDULE C: MANAGEMENT DISCUSSION

Review of operations in the quarter under review and up to the date of this report, including brief details of any significant event or transaction which occurred during the period. The following list can be used as a guide but is not exhaustive:

Acquisition or abandonment of resource properties, acquisition of fixed assets, financings and use of proceeds, management changes, material contracts, transactions with related parties, legal proceedings, contingent liabilities, default under debt or other contractual obligations, special resolutions passed by shareholders.

ISSUER DETAILS table with fields: NAME OF ISSUER (SILVER GLANCE RESOURCES INC.), ISSUER TELEPHONE NO. (669-2428), FOR QUARTER ENDED (January 31, 1992), DATE OF REPORT (92 03 31), ISSUER'S ADDRESS (1409 - 409 Granville Street, Vancouver, B.C.), PROVINCE, POSTAL CODE (V6C1T8), CONTACT PERSON (Philip Rogers), CONTACT'S POSITION (President), CONTACT TELEPHONE NO. (980-8604)

CERTIFICATE

The three schedules required to complete this Quarterly Report are attached and the disclosure contained therein has been approved by the Board of Directors. A copy of this Quarterly Report will be provided to any shareholder who requests it.

DIRECTOR'S SIGNATURE table with fields: DIRECTOR'S SIGNATURE, PRINT FULL NAME (Philip J. Rogers, Peter E. Fox), DATE SIGNED (92 03 31)

43990
129408

VERITY, SMITH & CLARK, P. C.
ATTORNEYS AT LAW
902 TRANSAMERICA BUILDING
177 NORTH CHURCH AVENUE
TUCSON, ARIZONA 85701

TELEPHONE
(602) 623-6961

VICTOR H. VERITY
LEO N. SMITH
LARRY D. CLARK
PATRICIA G. MUNGER

Heronimo (file) bju

October 27, 1983

Arizona State Office
Bureau of Land Management
United States Department
of the Interior
2400 Valley Bank Center
Phoenix, Arizona 85073

Re: Pop #5-A Claim
A MC No. 129408

Gentlemen:

Enclosed for filing is a copy of the official record of an Affidavit of Labor Performed and Improvements Made for the assessment year ending September 1, 1983 and pertaining to the above-referenced claim. This Affidavit is filed on behalf of the owner of the claim, The New Jersey Zinc Exploration Company, and the lessee, Orbex Resources, Inc., pursuant to Subpart 3833, 43 C.F.R. Please file a copy of the enclosed Affidavit in the appropriate BLM Serial Number file.

Please note in your records that the current address of the owner, The New Jersey Zinc Exploration Company, is as follows:

The New Jersey Zinc Exploration Company
One Commerce Place
Nashville, Tennessee 37239
Attn: Dr. W.T. Hill, President

and that the address of the lessee, Orbex Resources, Inc., is as follows:

Orbex Resources, Inc.
410-675 W. Hastings Street
Vancouver, British Columbia
CANADA V6B 1N2.

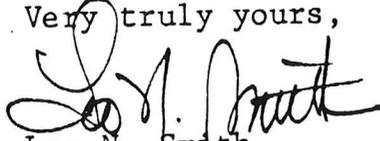
RECEIVED
B.L.M. AZ STATE OFFICE
OCT 31 1983
07.45 A.M.
PHOENIX, ARIZONA

Bureau of Land Management
October 27, 1983
Page 2

It would be appreciated if copies of all notices concerning this claim were forwarded to both the owner and the lessee at the above addresses.

Thank you for your assistance.

Very truly yours,



Leo N. Smith

LNS:lp
Enclosure

CERTIFIED MAIL NO. 8585768
RETURN RECEIPT REQUESTED

RECEIVED
B.L.M. AZ STATE OFFICE

OCT 31 1983

07.45 A.M.
PHOENIX, ARIZONA

RECEIVED
B.L.M. AZ STATE OFFICE

DEC 17 1982

07.45 A.M.
PHOENIX, ARIZONA

BLACK ROCK AREA
SILVER DISTRICT
YUMA COUNTY, ARIZONA

The Black Rock area claims are located in the western one-half of Section 12 and the eastern one-half of Section 11, Township 4 South, Range 23 West in the southern Trigo Mountains of Yuma County, Arizona. Access is gained to this area by driving north for 14.8 miles on the unimproved Red Cloud road from Martinez Lake, Arizona.

Assessment work for 1982 was accomplished by geologic mapping on the claim groups as follows:

Ruth 1, 3, 5, 7 - 17

Plata 1, 4, 5 and 6

Pop 33, 34, 36, 37, 37A, 38 - 44

The attached map shows this work. The work was performed during the months January through September, 1982. In addition to field work, some petrographic and fluid inclusions were done.

The rocks in the Black Rock area include mid-Mesozoic (?) metasediments, late Cretaceous granodiorite, mid-Tertiary volcanics, and Quaternary alluvium. Veining in the area is of a probable late Miocene age and occurs in structural zones. Structural z

in the area include two main structural events. The first is low angle faulting resulting in granodiorite overlying metamorphics. This was probably a mid-Tertiary event. The fault zone is expressed by a fairly thick zone of brecciation, chloritization and veining. The zone may or may not be silicified and quartz-calcite veining is common. Veining becomes less intense to the north, probably due to the fact that the faulting is not as intense.

The second structural event is the high angle normal faults of the late Miocene Basin and Range faulting. These faults caused the block uplifts, thus exposing the older low angle fault zone. Multiple fault planes within the high angle veins indicate that veining was probably synchronous to faulting. Veining occurred at this time in both the high and low angle fault zones.

The veins of the area are composed of mainly quartz, calcite, and fluorite. However, minor barite does occur. Veins in the low angle fault zone show some open space filling textures and multiple "ribbon" veining. Veins within the high angle faults are generally brecciated and do not show good "ribbon" veining.

RECEIVED
B.L.M. AZ STATE OFFICE
DEC 17 1982

07.45 A.M.
PHOENIX, ARIZONA



David Pietenpol



David Pietenpol
2841 A East Loretta
Tucson, Arizona 85716

Professional background: B. S. in Geology, Dennison University; M. S. Candidate, University of Arizona, with two years as a Field Exploration Geologist.

John E. Teet
2621 East 4th Street
Tucson, Arizona 85716

Professional background: B. S. in Geology, Michigan State University, with 30 years experience in minerals exploration.

RECEIVED
B.L.M. AZ STATE OFFICE
DEC 17 1982
07.45 A.M.
PHOENIX, ARIZONA

RUTH 1

RUTH 3

RUTH 5

RUTH 7

RUTH 9

RUTH 11

RUTH 12

RUTH 14

RUTH 15

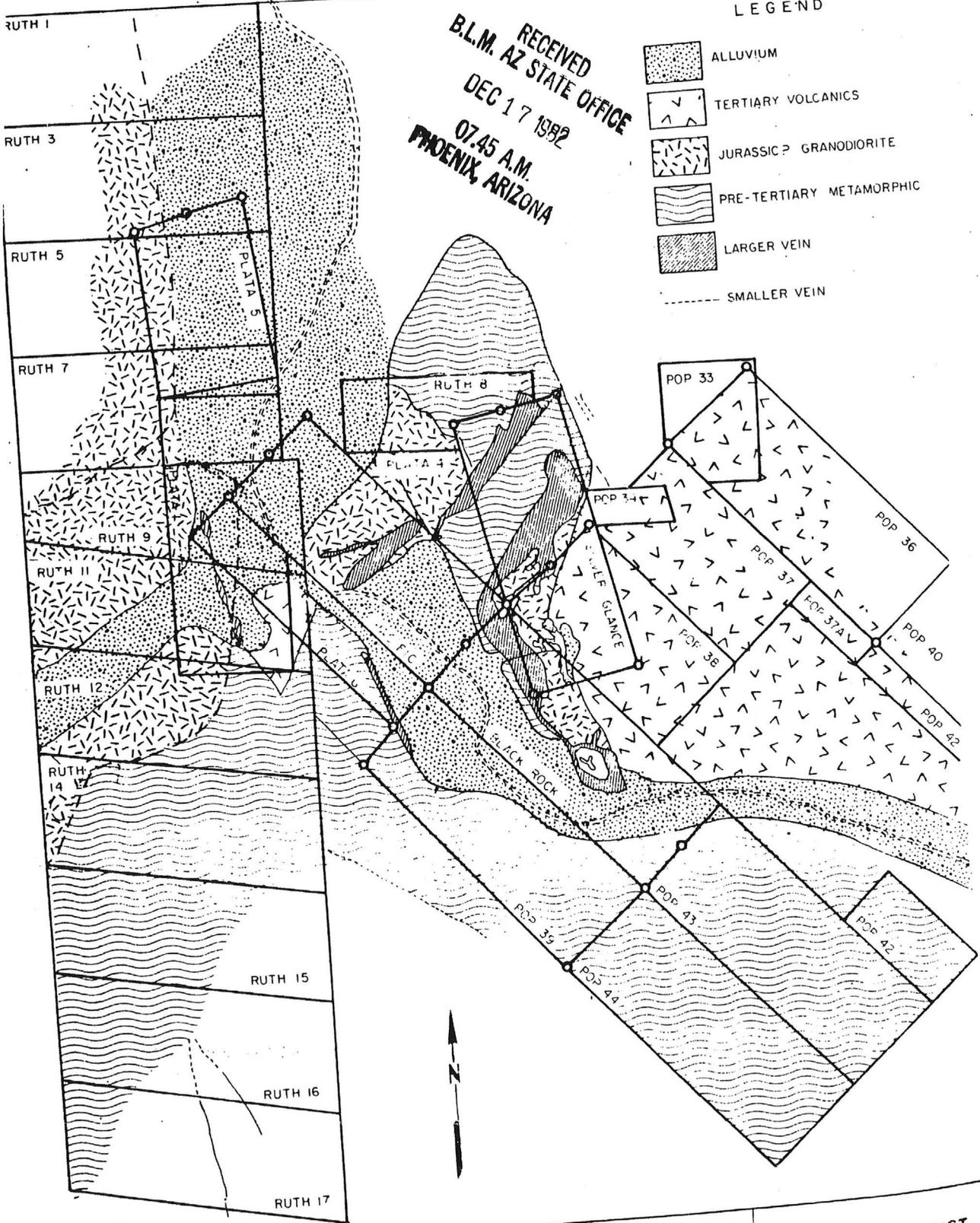
RUTH 16

RUTH 17

RECEIVED
B.L.M. AZ STATE OFFICE
DEC 17 1982
07:45 A.M.
PHOENIX, ARIZONA

LEGEND

-  ALLUVIUM
-  TERTIARY VOLCANICS
-  JURASSIC? GRANODIORITE
-  PRE-TERTIARY METAMORPHIC
-  LARGER VEIN
-  SMALLER VEIN



Map 4

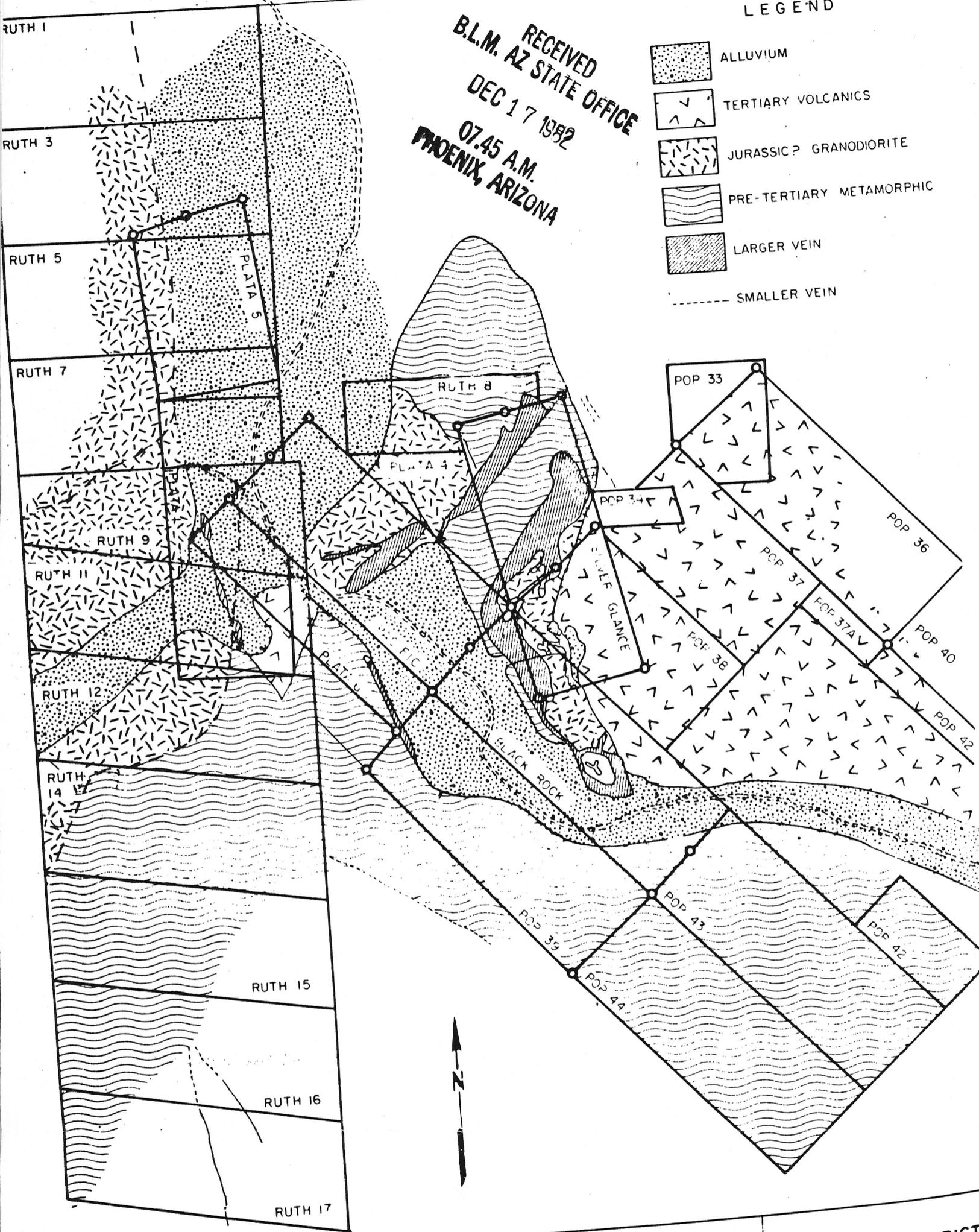
| | | |
|--|-----------|---------|
| THE NEW JERSEY ZINC COMPANY TUCSON, ARIZONA | | |
| DATE | SCALE | DRAFTER |
| 10/82 | 1" = 600' | C.S. |

SILVER DISTRICT
THE BLACK ROCK AREA

RECEIVED
B.L.M. AZ STATE OFFICE
DEC 17 1982
07:45 A.M.
PHOENIX, ARIZONA

LEGEND

-  ALLUVIUM
-  TERTIARY VOLCANICS
-  JURASSIC GRANODIORITE
-  PRE-TERTIARY METAMORPHIC
-  LARGER VEIN
-  SMALLER VEIN



| | | |
|--|-----------|---------|
| THE NEW JERSEY ZINC COMPANY TUCSON, ARIZONA | | |
| DATE | SCALE | DRAFTER |
| 10/82 | 1" = 600' | C.S. |

SILVER DISTRICT
THE BLACK ROCK AREA

Map 4