MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/6/68	RMSmith	120
8/6/68	Kirkham	120
"	Johnson	110
		220

August 6, 1968

MEMORANDUM

To: The File

From: Roscoe M. Smith

Subject: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

Justification for Denial of Application

The purpose of the proposed project is to find a vein or mineralized shear zone similar to others in the district by drilling, but preliminary prospecting has not indicated any locations worth drilling. The OME Field Examiner could find no evidence of mineralization other than pyrite in the areas where the Applicant proposed to explore.

A possible target area on the property near the Applicant's camp site is indicated by a few boulders of float containing zinc, lead, copper, silver and gold, but the source of the float has not been investigated and is not an objective of the proposed project.

As the proposed drilling has no specific targets it is premature, and the property is still in the prospecting stage. The project is not eligible for OME assistance and the Applicant does not wish to consider an alternative project. The Field Officer and I concur in the Examiner's recommendation that the application be denied.

R. M. Smith
Roscoe M. Smith

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
~~XXXXXX~~
Mr. Smith

RMSmith/bsl 8/6/68

MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. 6675

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [ ] Application and Attachments

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)
- All other material filed in chronological order including the following reports if checked:
- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam. Report (Tab) 7/9/68
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports
- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

44 Mines Corp.
2045 N. E Cleawland
Gresham, Oregon 97030

U.S. Dept. of Int
Geological Survey
Washington D.C.
Office of Minerals Exploration
Frank E Johnsen
Sir:

COPY
130
120 m
110
120 S

475

R.E. O.M.E. Silver Gold Copper
44 Mines Inc.
44 Prospect
Linn County, Oregon

We are inclosing our most recent spectrographs and assays reports. also Brochure on drill rigs.

It must be assumed from these reports and those of the Hidegut. That considerable more exploratory work should be done. Before any large Expenditure of money be commited.

Please note change of address from P.O. Box 193 Troutdale Ore. To 2045 N.E. Cleawland, Gresham, Ore. 97030

We thank you for your patience

Very truly yours
Vane C. Metz

Mariposa Spectrographic Laboratory

Mariposa, California 95338

WOodland 6-2591

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

May 6th, 1968 PM

Samples marked: #1, 2, 3, 4, 5, 6.

Fire assay report: Gold-Silver. Prepaid, $45.00(includes (6) spectrographic analyses)

Sample mark	Gold Amount ounces per ton 2000 lbs	Gold Value @ $35.00	Silver Amount ounces per ton 2000 lbs	Silver Value @ $2.07
# 1	0.02	$0.70	0.08	$0.1656
# 2	.005	$0.175	0.06	$0.1242
# 3	0.015	$0.525	0.26	$0.5382
# 4	0.01	$0.35	3.08	$6.3756
# 5	.005	$0.175	0.04	$0.0828
# 6	0.025	$0.875	2.48	$5.1336

Note: Due to a very heavy work load in our spectrographic department, we will be quite late with the analysis reports of these samples Mr. Metz. Our apologies for this inconvenience to you.
Your numbers 4 and 6 samples are certainly dandy Silver bearing ores Mr. Metz.

Thank you kindly

mmh;grg/msl

1cc

Mariposa Spectrographic Laboratory

Mariposa, California 95338 WOodland 6-2591

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

May 26th, 1968

Dear Mr. Metz:

Enclosed, find spectrographic analyses reports #11546, 11547, 11548, 11549, 11550 and 11551, covering the analyses of your submitted mineral samples as marked.

It would appear to us that your samples marked #4 and #6 are the better mineralized of this entire group Mr. Metz. These two samples are quite similar in mineralization and in general character, both containing identical minerals, but in slightly varying amounts. Both samples appear to be from an area that should be carefully investigated for extensive mineralization.

The other four samples only contain very minor amounts of potentially valuable elements Mr. Metz. None appear to be mineralized to the extent that they could be considered "prospects".

Our sincere thanks to you Mr. Metz and our best wishes in your mining.

Sincerely,

George R. Graves

George R. Graves

1cc

LABORATORY REPORT

Mariposa Spectrographic Laboratory

Star Route, Mariposa, California 95338
Telephone WOodland 6-2591

CHARGES: $7.50(includes Au-Ag assay)
LAB NO. 11546
SUBMITTED BY:

Date 5/26/68

Qualitative Spectrographic Analysis

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

1

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	5.0	15.0	Lithium			Thallium		
Antimony			Magnesium	.007	0.03	Thorium		
Arsenic			Manganese	.0006	.002	Tin		
Barium	0.03	0.10	Mercury			Titanium	.001	.006
Beryllium			Molybdenum	.0005	.001	Tungsten		
Bismuth			Nickel	.0007	.003	Uranium		
Boron			Osmium			Vanadium	.0007	.003
Calcium	1.0	2.5	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium	Trace	----
Cesium			Platinum Not detected in sample			RARE EARTHS:		
Chromium	.0008	.004	Potassium	1.0	2.5	Cerium		
Cobalt	.0005	.001	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	.006	0 .02	Rubidium			Europium		
Gallium	.005	0.01	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Below detection limit			Silicon (as Si02)	40.0	60.0	Lanthanum		
Hafnium			Silver	.00008	.0004	Neodymium		
Indium			Sodium	2.0	4.0	Praseodymium		
Iridium			Strontium	.0008	.004	Samarium		
Iron	0.30	0.80	Tantalum			Ytterbium		
Lead	0.01	0.03	Tellurium			Yttrium		

Remarks: This sample is essentially composed of Plagioclase and some Orthoclase feldspar. Quartz is also present, along with minor Iron-disulphide(Pyrite) disseminated throughout the rock. The rock is of aplitic texture and origin.

Respectfully Submitted

George D. Gravel (Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

Star Route, Mariposa, California 95338
Telephone WOodland 6-2591

CHARGES: $7.50(includes Au-Ag assay)

LAB NO. 11547

Date 5/26/68

SUBMITTED BY:

Qualitative Spectrographic Analysis

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

2

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	3.0	10.0	Lithium			Thallium		
Antimony			Magnesium	0.5	1.5	Thorium		
Arsenic			Manganese	.001	.006	Tin	0.02	0.08
Barium			Mercury			Titanium	0.04	0.12
Beryllium			Molybdenum	.0004	.0008	Tungsten		
Bismuth			Nickel	.002	.007	Uranium		
Boron			Osmium			Vanadium	.001	.006
Calcium	0.20	0.40	Palladium			Zinc		
Cadmium			Phosphorus	0.01	0.06	Zirconium	.0008	.004
Cesium			Platinum Not detected in sample			RARE EARTHS:		
Chromium	.006	0.02	Potassium	1.0	3.0	Cerium		
Cobalt	.0008	.004	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.02	0.07	Rubidium			Europium		
Gallium	.002	.008	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Below detection limit			Silicon (as Si02)	45.0	65.0	Lanthanum		
Hafnium			Silver	.00008	.0003	Neodymium		
Indium			Sodium	1.5	4.0	Praseodymium		
Iridium			Strontium	.0007	.003	Samarium		
Iron	2.0	5.0	Tantalum			Ytterbium		
Lead	0.02	0.06	Tellurium			Yttrium		

Remarks: This rock is an andesite rock of igneous origin. Some Iron-disulphide is present.

Respectfully Submitted

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

Star Route, Mariposa, California 95338
Telephone WOodland 6-2591

CHARGES: $7.50(includes Au-Ag assay)

LAB NO. 11548

Date 5/26/68

SUBMITTED BY:

Qualitative Spectrographic Analysis

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

3

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	3.0	10.0	Lithium			Thallium		
Antimony			Magnesium	0.5	1.5	Thorium		
Arsenic			Manganese	.001	.006	Tin	0.01	0.05
Barium	.008	0.04	Mercury			Titanium	0.03	0.10
Beryllium			Molybdenum	.0004	.0008	Tungsten		
Bismuth			Nickel	.002	.007	Uranium		
Boron			Osmium			Vanadium	.001	.006
Calcium	0.30	0.80	Palladium			Zinc		
Cadmium			Phosphorus	0.02	0.08	Zirconium	.0008	.004
Cesium			Platinum Not detected in sample			RARE EARTHS:		
Chromium	.008	0.04	Potassium	1.0	3.0	Cerium		
Cobalt	.0007	.003	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.02	0.07	Rubidium			Europium		
Gallium	.002	.008	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Below detection limit			Silicon (as Si02)	40.0	60.0	Lanthanum		
Hafnium			Silver	.0005	.001	Neodymium		
Indium			Sodium	1.5	4.0	Praseodymium		
Iridium			Strontium	.0008	.004	Samarium		
Iron	3.0	7.0	Tantalum			Ytterbium		
Lead	0.03	0.10	Tellurium			Yttrium		

Remarks: This is an andesite rock that has been subjected to some dynamic compression and alteration. The greenish color is due to some hydrous Iron that is present.

Respectfully Submitted

George D. Gross (Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

Star Route, Mariposa, California 95338
Telephone WOodland 6-2591

CHARGES: $7.50(includes Au-Ag assay)

LAB NO. 11549

Date 5/26/68

SUBMITTED BY:

Qualitative Spectrographic Analysis

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

4

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	0.20	0.40	Lithium			Thallium		
Antimony	0.04	0.12	Magnesium	0.02	0.08	Thorium		
Arsenic	0.01	0.06	Manganese	.008	0.04	Tin	.002	.007
Barium	.0004	.0009	Mercury	0.01	0.06	Titanium	0.01	0.06
Beryllium			Molybdenum	.002	.008	Tungsten	0.01	0.05
Bismuth	0.02	0.08	Nickel	.001	.006	Uranium		
Boron			Osmium			Vanadium	.003	.009
Calcium	.006	0.02	Palladium			Zinc	3.0	7.0
Cadmium	0.05	0.15	Phosphorus			Zirconium		
Cesium			Platinum Not detected in sample			RARE EARTHS:		
Chromium	.007	0.03	Potassium	0.03	0.10	Cerium		
Cobalt	.008	0.04	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.5	1.5	Rubidium			Europium		
Gallium			Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Below detection limit			Silicon (as Si02)	50.0	70.0	Lanthanum		
Hafnium			Silver	.006	0.02	Neodymium		
Indium			Sodium	0.03	0.10	Praseodymium		
Iridium			Strontium			Samarium		
Iron	3.0	7.0	Tantalum			Ytterbium		
Lead	2.0	5.0	Tellurium			Yttrium		

Remarks: This rock is a hydrothermally developed high silica vein containing excellent mineralization in Lead, Zinc, Silver, along with many minor elements as shown. Note Tungsten.

Respectfully Submitted

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

Star Route, Mariposa, California 95338
Telephone WOodland 6-2591

CHARGES: $7.50(includes Au-Ag assay)
LAB NO. 11550
SUBMITTED BY:

Date 5/26/68

Qualitative Spectrographic Analysis

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

5

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	4.0	12.0	Lithium			Thallium		
Antimony			Magnesium MgO	1.0	2.5	Thorium		
Arsenic			Manganese	.001	.006	Tin	.002	.008
Barium	0.03	0.10	Mercury			Titanium	.008	0.04
Beryllium			Molybdenum			Tungsten		
Bismuth			Nickel	.0007	.003	Uranium		
Boron			Osmium			Vanadium	.001	.006
Calcium as CaO	1.5	4.0	Palladium			Zinc		
Cadmium			Phosphorus	0.02	0.08	Zirconium	.0008	.003
Cesium			Platinum Not detected in sample			RARE EARTHS:		
Chromium	.007	0.03	Potassium	1.0	3.0	Cerium		
Cobalt	.0006	.001	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	.007	0.03	Rubidium			Europium		
Gallium	.005	0.01	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Below detection limit			Silicon (as SiO2)	35.0	55.0	Lanthanum		
Hafnium			Silver	.00008	.0002	Neodymium		
Indium			Sodium	1.5	4.0	Praseodymium		
Iridium			Strontium	.002	.007	Samarium		
Iron	2.0	6.0	Tantalum			Ytterbium		
Lead	0.01	0.03	Tellurium			Yttrium		

Remarks: Percentages not shown on this report to equal 100% are largely due to carbon-dioxide, since this altered andesitic rock contains considerable secondary dolomitic limestone.

Respectfully Submitted

George D. Flowers (Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

Star Route, Mariposa, California 95338
Telephone WOodland 6-2591

CHARGES: $7.50(includes Au-Ag assay)

LAB NO. 11551

Date 5/26/68

SUBMITTED BY:

Qualitative Spectrographic Analysis

Mr. Vanc C. Metz
2045 N.E. Cleveland
Gresham, Oregon 97030

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

6

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum	0.20	0.40	Lithium			Thallium		
Antimony	0.02	0.08	Magnesium	0.02	0.08	Thorium		
Arsenic	0.01	0.06	Manganese	.007	0.03	Tin	.002	.007
Barium	.0005	.001	Mercury	.008	0.02	Titanium	0.01	0.06
Beryllium			Molybdenum	.002	.008	Tungsten	0.01	0.06
Bismuth	.008	0.04	Nickel	.0008	.004	Uranium		
Boron			Osmium			Vanadium	.002	.008
Calcium	.007	0.03	Palladium			Zinc	1.5	4.0
Cadmium	0.03	0.10	Phosphorus			Zirconium		
Cesium			Platinum Not detected in sample			RARE EARTHS:		
Chromium	.007	0.03	Potassium	0.02	0.08	Cerium		
Cobalt	.007	0.03	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.10	0.35	Rubidium			Europium		
Gallium			Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold Below detection limit			Silicon (as Si02)	55.0	75.0	Lanthanum		
Hafnium			Silver	.002	.008	Neodymium		
Indium			Sodium	0.02	0.08	Praseodymium		
Iridium			Strontium			Samarium		
Iron	4.0	8.0	Tantalum			Ytterbium		
Lead	1.0	2.5	Tellurium			Yttrium		

Remarks: This rock is a hydrothermally developed high silica vein containing good mineralization in Lead, Zinc, Silver, along with many minor elements as shown. Note Tungsten.

Respectfully Submitted

George D. Jones (Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
December 7, 1967

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 12 1967
INITIALS | CODE

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Transmittal of Application for Assistance
Forty-Four Mines, Inc. (Silver-Gold-Lead-Copper)
Forty-Four Claim Group
Linn County, Oregon

Except for the applicant's letter dated December 1, 1967, and the MME Form 40 with a sheet distributing $112,000.00 into three Phases attached, none of the other documents forwarded herewith were submitted in duplicate. Should the application be referred to the Field, kindly return Exhibits 1 and 8.

The assay reports are not very encouraging and the sites from which their respective samples came is not indicated on the maps with Exhibit 1 and Exhibit 8. Of 8 assays run for silver, 3 were Nil, 1 was Tr, and 4 were 0.20 ounce per ton. Of 7 run for gold, 6 were Nil and 1 was Tr. Of 3 samples run for lead, 1 was Nil and 2 were 0.50 percent. One run for mercury was Nil and 1 run for copper was Tr.

In Exhibit 1 the applicant's geologist is not very convincing nor at times is he too enthusiastic about the property. Exhibit 8 indicates semidisc-like areas along the road which are numbered from 1 to 11, but it is not clear whether they are road cuts or outcrops of the dacite intrusion mentioned in the report. No specific targets for the proposed drilling is indicated nor, in view of the consistently Nil to very low grade of the assays, does there appear to be even one.

My impression is that most of the "prospecting" so far accomplished has probably been limited to sampling a few of the exposures in cuts along the Forest Service road and that the proposed drilling is still in the category of prospecting.

Unless the applicant can give more specific and better evidence of a potential target for exploration, it is recommended that the application be denied. Perhaps, if he put in a few test pits or trenches so he could trace and sample a mineralized structure, he might be able to make a more convincing case.

D. R. MacLaren

D. R. MacLaren

Enclosure

FORTY-FOUR MINES, INC.

[illegible]

TRUTDALE, OREGON

[illegible]

U. S. Department of the Interior
Geological Survey
Office of Minerals Exploration
South 157 Howard Street
Spokane, Washington [illegible]

Gentlemen:

We submit the following for the purpose of obtaining a Mineral Exploration Assistance Loan for "Forty-Four Mines, Inc." a corporation registered in the State of Oregon. The present holdings consist of five unpatented claims. Staked, recorded and development work done. They were compared, indexed and recorded by Stella E. Hoover, County Recorder of Linn County, Oregon, and numbered as follows

Claim 1 - No. 273492
Claim 2 - No. 273493
Claim 3 - No. 274362
Claim 4 - No. 274361
Claim 5 - No. 274538

The founders, owners and officers of the corporation are Troy L. Pruit, President, Stanley L. Metz, Treasurer and Janet [illegible] Metz Secretary.

After considerable prospecting in this area over a period of five years we believe that we have discovered the key to a valuable ore deposit.

This past summer the Forestry Service built a road along the steep side of the mountain for the purpose of logging an area on the other side. In so doing they exposed the tops of a number of cupolas, intrusions and shoots, which until then were not known to exist. These cupolas have everything required for the making of a valuable ore deposit and are so extensive that they can not be ignored, plus the fact that all assays show traces of silver, gold, lead, and copper. Prior to this we had found numerous small kidneys and veins of richer materials, but they did not appear to be going

anywhere or to have a back, which followed the findings of previous prospectors and geologists reports. Because of this pattern the inaccessibility and the cost, this area has not been developed.

Now we intend, with your help, to prove that when the Government set this aside as a mining district they knew exactly what they were doing.

First we propose the drilling of 6,000 feet of exploratory holes, the number and depth to be determined by the value and depth of the ore making bodies. These bodies will be determined by assay.

Cost:	Phase one -	
	Drilling @ $4 per foot - 6,000 feet	$ 24,000
	Assay @ $1 per foot - 6,000 feet	6,000
	Cat Rental for Wood Clearing,	6,000
	TOTAL	$ 36,000

We believe that upon completion of this phase private capital will be abundant to continue the operation. Should it not, however, and it being agreed by the corporation and the government that further exploration is warranted, we propose to continue drilling to the extent of 6,000 more feet, an additional cost of $36,000.00. Then upon further agreement that exploratory work is necessary, we propose to cross cut with two drifts of 4,000 feet at a cost not to exceed $40,000.00. Total cost of exploration to be limited to $112,000.00.

We propose to contribute our share in time, effort and money. Blood if required. If a loan is granted, we will start work at once, weather permitting.

My experience dates back to 1928 in the Old Michigan, Cooper and Sunrise iron mines of Wyoming. I have set up and operated small 72 ton coal coke blast furnaces built by Mace Smelter Company out of Denver, Colorado and have prospected in most of the Western States. I know a few rocks when I see them but I have been blessed with two geologist friends who know all about everything. They will be available to the corporation.

We have made every effort to interest private capital in this operation, but because we cannot suck gold up on top of the ground and cannot guarantee $4.00 back tomorrow for $1.00 today, we have been unsuccessful.

We are enclosing some of the refusals along with other required information, hoping we have left nothing out.

The Forty-Four Mines claims are reached by Forest Access Road No. 11[illegible] along Salem Creek in the Quartzville mining district, Linn County, Oregon.

The claims are located in Range 4 East Township 11 South [illegible] of Section 28 from Quartzville Creek South into N. W. [illegible] 34 and West into N. E. [illegible] of Section 33 along Salem Creek N[illegible] corner crossing Savage Creek. The general strike being N[illegible] and coincides with the general strike of Paymaster vein elevation 1500 to approximately 3500 feet. Area of 5 claims is 10[illegible] acres.

Development consists largely of exploratory holes on lower levels and preparation for building a headquarters.

Geology: The country rock is granite with sheets of andesites containing galena, chalcopyrite and also rhyolite with disseminated pyrite. Top levels show sulfide iron pyrite. All cupolas show traces of silver and some traces of gold, copper, lead and [illegible]. No samples were taken in vein material. There are 19 separate cupolas in an exposed area of approximately 3,[illegible]50 feet. These cupolas vary in width from 50 to 350 feet. The depth is undetermined as no drilling has been done in the Quartzville mining district.

We believe that drilling will reveal a huge deposit of commercial silver with a possibility of lead or copper and bottom out with some very good gold. This should make a good pit mining operation. We therefore have every intention of holding these claims.

Any help in anyway that you can give us will be more than welcome and greatly appreciated. Should the loan be approved or any assisstance be offered, please contact me.

Sincerely,

/s/ Vane C. Metz

Vane C. Metz, Secretary
Forty-Four Mines Inc.
P. O. Box 193
Troutdale, Oregon
phone - 665-2437

VCM:lm
enclosures - Application form
Exhibits 1 thru 14

Form 40
Jan. 65

RECEIVED
DEC 7 1967
M. E.

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85–701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

FORTY-FOUR MINES, INC.
P. O. Box 193
Troutdale, Oregon 97060

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6675
DATE RECEIVED: 12-12-67
REGION: I
DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [ ]
- CORPORATION [X]
- PARTNERSHIP [ ]
- OTHER *(Specify)* [ ]

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Troy L. Pruitt, aka, Troy Leon Pruit	1115 N. E. 201st Ave., Troutdale, Ore.	President
Stanley L. Metz	Route 2, Box 60, Troutdale, Oregon	Treasurer
Vane C. Metz	Route 2, Box 60, Troutdale, Oregon	Secretary

STATE IN WHICH FIRM IS ORGANIZED: Oregon

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Silver, gold, lead, copper, & related minerals

ESTIMATED COST OF PROJECT: $ 112,000*

PROPERTY NAME	LOCATION COUNTY	STATE
Forty-Four Mines	Linn County	Oregon

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington 25, D. C. or the nearest OME Field Office~~ Washington, D. C., 20242, or with the nearest OME Field Office.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

DATED

Vane C. Metz
BY *(Signature)*

Secretary
TITLE

*see attached Exhibit A

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

INT.-DUP. SEC., WASH., D.C

Exhibit A

FORTY-FOUR MINES, INC.

POST OFFICE BOX 193

TROUTDALE, OREGON

PROJECT TO BE COMPLETED IN PHASES:

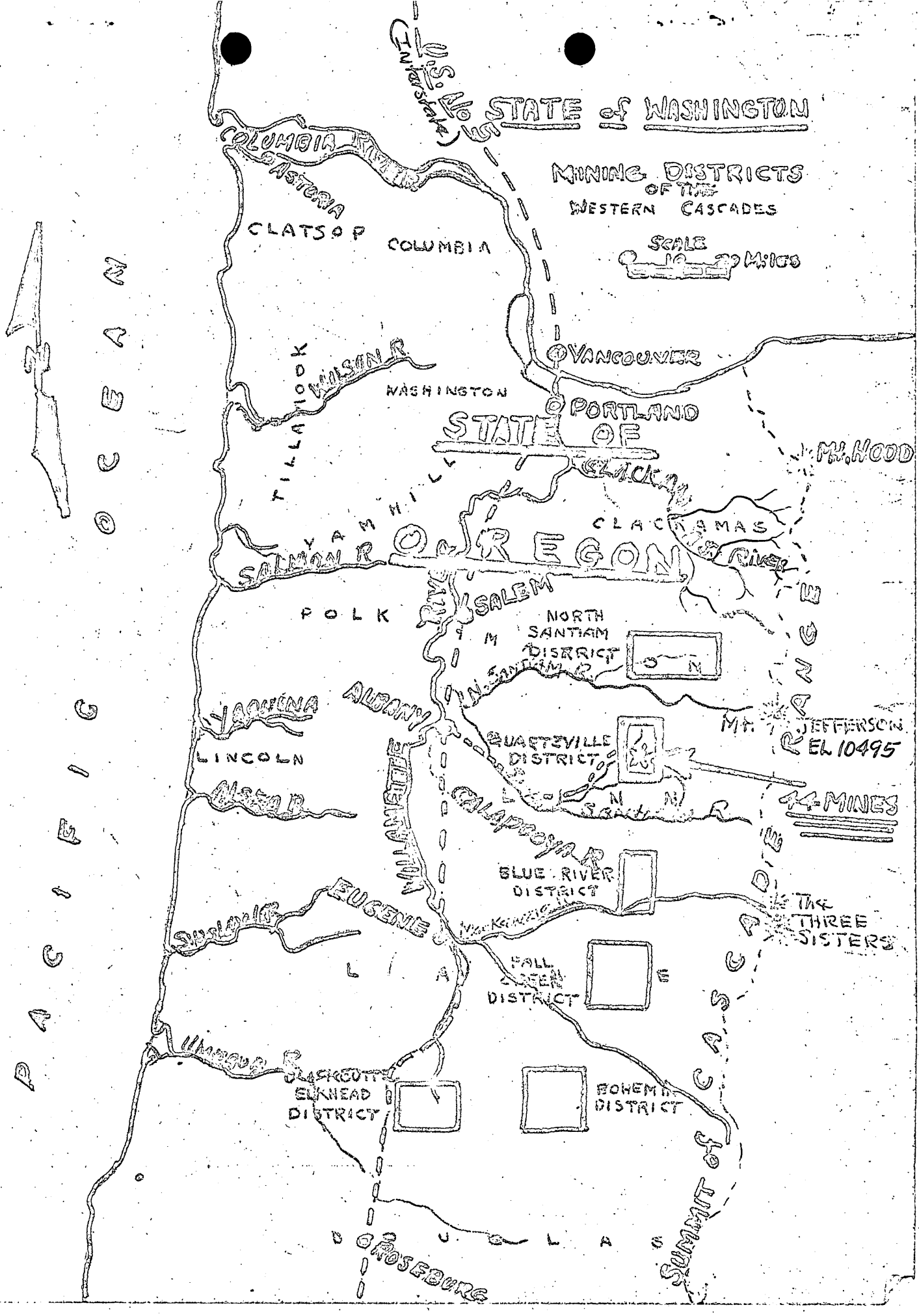
Phase one - $36,000.00

Phase two - 36,000.00

Phase three- 40,000.00

TOTAL $112,000.00

EXHIBIT 1


STATE of WASHINGTON
MINING DISTRICTS OF THE WESTERN CASCADES
SCALE
MILES
COLUMBIA RIVER
ASTORIA
CLATSOP
COLUMBIA
VANCOUVER
WILSON R.
TILLAMOOK
WASHINGTON
PORTLAND
STATE OF
OREGON
MT. HOOD
CLACKAMAS
SALMON R.
POLK
SALEM
NORTH SANTIAM DISTRICT
YAMHILL
YAQUINA
ALBANY
LINCOLN
ALSEA R.
QUARTZVILLE DISTRICT
MT. JEFFERSON
EL 10495
44 MINES
CALAPOOIA R.
BLUE RIVER DISTRICT
EUGENE
THE THREE SISTERS
FALL CREEK DISTRICT
UMPQUA R.
CLACKAMAS
ELKHEAD DISTRICT
BOHEMIA DISTRICT
SUMMIT
ROSEBURG
PACIFIC OCEAN

Report On 44 Mines Corp. Props. In The Quartzville District

Ownership:

The Present Holdings Consist of Five (5) Unpatented Lode Mining Claims of Approximately Twenty (20) Acres Each Situated In The Quartzville Mining District In Linn County, Oregon. Claims Were Staked, Discovery, Assessment, & Developement Work Was Done By The Present Owners; Mr. and Mr. Vance C. Metz of Rt. 2 Troutdale, Oregon

Location:

Claims Are Located Directly South of Quartzville Creek On A High Ridge Separating Savage and Galena Creeks, All of Which Are Tributaries (Directly or Indirectly) To The Middle Fork of The Santiam River, In Linn County Oregon. They Staked On The Public Domain, In The Quartzville Organized Mining District, On Lands Administered By The Willamette National Forest Division of The U.S. Forest Service. They Are Approximately 40 Miles Due East of The Town of Albany, Oregon Which Is The Closest Town of Any Size, & Also Where You Leave U.S. Interstate Hwy #5 To Take U.S. Hwy #20 To Proceed To Property. To Reach The Property From Portland, Oregon You Proceed South 71 Miles On Interstate Hwy #5 to Junction With U.S.

Location (Cont.):

Hwy #20, Proceed Thence Approx. 3.5 Miles East Thru The Towns of Sweethome & Foster To The Foster Equalizing Reservoir of The U.S. Army Engineers, Proceed Thence 15 Miles On Forest Service Access Road In A Northeasterly Direction Past Green Peter Dam To The Junction of Quartzville Creek With The Middle Fork of The Santiam, Proceed Thence 15 Miles In An Easterly Direction On Forest Service Access Road #1177 Up Quartzville Creek to Galena Creek, Proceed Thence 1 Mile South On Forest Service Access Road #1177A Up Galena Creek To The Claims Where You Will See Claim Boundary Plainly Marked With Red Paint On Rock Cuts Along Roadway

By Legal Subdivision These Claims Lay In The South 1/2 of Sections 27 & 28 & The North 1/2 of Sections 33 & 34 of Township 11 South Range 4 East of The Willamett Meridian. (Some Additional Claims Will Be Staked On My Recommendation Upon Completion of This Report.)

History:

The Areas In Oregon Which Were First To Be Settled By The Early Pioneers Were Portland (Because of Sea Navigation), Salem (Because of Farming), Albany, Eugene, Grants Pass, Medford (For Mining)

History: (Cont) This Has Been An Active Mining District For More Than 100 years, Athough Actual Production Has Been Relatively Small. The Town of Quartzville Was Established In 1864, But Little In The Way of Production Resulted From These Discoveries Untill The Hamler Mine Started Production In The 1890's. As Mills of That Period Were Only ~~Equipped~~ Equipped To Recover Free Milling Gold, And Most of The Ores In This District Were Complex Sulfides, Operations Were Intermittent From 1910 to 1930. After The Increase In The Price of Gold In The Early 1930's A Small Annual Gold Silver Production Was Maintained Untill Terminated By War Conditions In 1942.

Climate: The Climate Is Humid With Considerable Rainfall At The Lower Elevations, Which Becomes Snowfall During Winter At The Higher Elevations. (Drilling Could Progress The Year Around By Working Low Down During January & February.)

Transportation: Excellent Forest Access Roads Are Available To Most Parts of These Claims And It Is Approximately 35 Miles By Excellent Hard Surfaced Roads To The Railhead At Sweethome, Oregon.

Topography: The Region Has Steep, Heavily Timbered, Mountainous Slopes With Elevations Ranging From 1500 Feet On Quartzville Creek to 3500 Feet On Ridge Tops. Galena Mtn 2 1/4 Miles Southeast of These Claims Rises to 5000 Feet, The Highest In This Area.

Geology & Mineral Deposits: As In Other Cascade Mining Districts, Rocks In The Area Are Made Up of Andesite & Rhyolite Flows & Interbedded Tuffs & Breccias In About Equal Amounts. There Are Scattered Dikes & Plugs of Dacite Porphyry & Dioritic Intrusives which Are Probably Upper Miocene And Are No Doubt Genetically Related To The Era of Mineral Deposition In The Western Cascades & This Area. Specifically, Vein Systems Are Markedly Uniform In Strike, (Averaging N40°W) With Steep Dips In Either Direction. Although The Individual Ore Shoots Are of Rather Small Dimensions, The Shear Zones which They Occupy Are Generally Traceable Without Much Effort For Thousand of Feet & Have Widths of 50 Feet And More.

Granite

Quartz veins & stringers

As Much of The Underground Workings of The Previous Operations Are Now Inaccessible, And Those That Are Open Are In The Upper Weathered Portion of The Veins, Knowledge of The Sulphide Zone Is Very Slight. Depth of Oxidation No Doubt Varies Greatly As You Find Some Sulphides In Unaltered Rock At The Surface.

Geology & Min. Deposits (Cont.)

Most of The Veins Contain Mixed Sulphides With Sphalerite & Pyrite Extremely Common. Concentration of Free Milling Gold Near The Surface Has Been The Incentive For Most of The Prospecting, So Developement Work Has Been Mainly Done Following The Small Ore Shoots. No Systematic Crosscutting Which Would Delineate The Potentialities of The Larger Shear Zones Has Ever Been Done.

I Have Spent Considerably More Time & Money In The Western Cascades of Oregon During The Past 35 Years Than I Ever Intended, As It Seems That Friends & Clients of Mine Seem To Keep Getting Involved There. In The Course of The Years I Have Realized That There Definitely Is A Real Possibility That Some Commercial Ore Deposits Could Be Developed Here, & That If Someone Was To Drill Out A Few of These Large Shear Zones They Might Well Succeed Where Wise Men Are Too Chicken Hearted To Try. I Have Never Been Sold On This Area, But I Must Admit All The Necessary Ingredients Are Present For Major Ore Deposition, And Someone Should Try To Determine The Answers Soon. I Have Seen Some Shears With Values Across Considerable Distance (Not of Commercial Grade At Surface) But Perhaps They Might Be At 500 - 1000 Feet of Depth, Or Perhaps They Might Be

Geology & Min. Deposits (Cont.)

Increasing In Values & Lateral Extent In Shallow Enough Depth To Open Pit Using Bench Mining Methods.

EXPLORATION & DEVELOPMENT: To Properly Develope This Property I Would (IN Light of Considerable Experience In The Immediate Vicinity) Urgently Recommend That You Stake, or Lease, As The Case May Apply The Following Properties: (1) The Vandalia (2 Claims), The Golden West (5 Claims) Known In Recent Years As The Savage Group, In Secs. 34 & 35 Twn 11 South Range 4 E W M, (2) The Paymaster & The W. Fork of Mc Quade Creek Adjacent Thereto, In Secs. 1 & 2 Twn 12 South Range 4 E W M, (3) The Persons Mine At The Mouth of Mc Quade Crk In Secs. 25 & 36 Twn 11 South R 4 E W M, And (4) The Vein With Gosson & Cinnabar Approx. 1/2 Mile East of Mc Quade (Crossing FAR #1177 Approx. N & S.). On Properties Listed By Numbers I Would Drill The Following Footage of Hole: # (1) = 2000' = 2 @ 1000', # (2) = 2500' = 5 @ 500', # (3) = 2000' = 4 @ 500' # (4) = 2500' = 2 @ 800' + 1 @ 900', Also 7000' On 44 Mines Original Props. On FAR #1177A = 8 @ 500' & 3 @ 1000'

This Makes A Total of 16,000' of Hole @ $4.00 L.F. = $64,000.00

Assays @ $1.00/L.F. = $16,000.00, D-7 Cat Fueled & Operated = $150.00/Day + Powder Man & Drill = $15,000.00 = $95,000.00

Govt. Share @ 75% (OME) → = $71,250.00

Pvt. Share @ 25% → = $23,750.00

EXPLORATION & DEVELOPMENT (Cont.)

With This Amount of Drilling It Would Be Almost Mathematically Impossible To Not Bring In Some Ore Bodies. The Only Question Then Would Be As To Whether The Grade & Quantities of Ore Indicated Would Be Adequate. If These Holes Failed Then I Would Recommend Abandoning The Area. If These Holes Show Good In Entirety, or In Part, Then I Would Do Further Exploration With An Expanded Govt Aided Research Program, Probably In The Range of $500,000.00, or More, If The Results Were That optimistic. From Phase 1 of The Drilling Program, Phase II I Would Suggest Have Included Airborne Magnetometer & Induced Polarization (Ground) Surveys, With Approx. 100,000 Feet of Deep Drilling. At This Point A Complete Re-appraisal of The Findings Would Be Necessary Before Proceeding Further.

Sincerely,

Edward A. Leonard
Mining Geologist
10325 N.E. Hancock St., Apt. #2, Portland, Oregon 97220

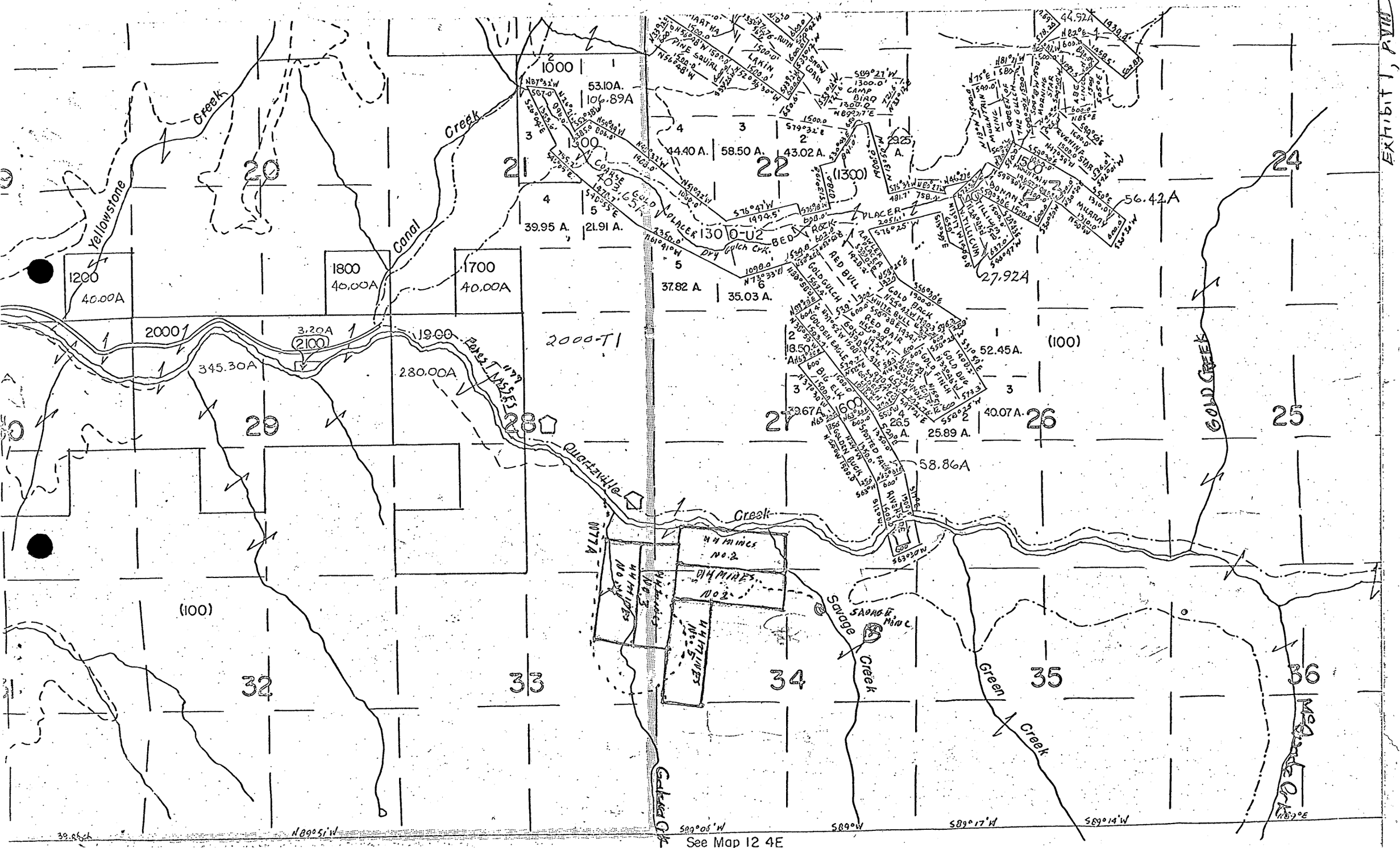


EXHIBIT I, PVIII

EXHIBIT 2

Oct 20 67

First State Bank of Oregon
A. Redenbaugh
Asst Vice President

Sir:

Please consider my request for a delevopment loan. In the amount of 36,000.00.

I hope your inthusasm shown at our interview. will be a good indication that the loan will be approved.

Please submit your reply in writing at your earlest convence

Very truly
Vane C Maly

EXHIBIT 3

GRESHAM OFFICE

FIRST STATE BANK OF OREGON

PHONE: 665-4101

234 N. MAIN STREET, GRESHAM, OREGON 97030

October 25, 1967

Vane C. Metz
Route 2, Box 60
Troutdale, Oregon 97060

Dear Sir:

We have considered your request for funds to develop a 44 Mines Area in Linn County, Oregon. Our bank has not shown any interest in the past in exploration and development of mining property, and we feel at this time there is no likelihood that we could consider this request.

Very truly yours,

A. Redenbaugh

A. Redenbaugh
Asst. Vice-President

AR/pjb

ADMINISTRATIVE OFFICE : 1036 MAIN STREET, MILWAUKIE, OREGON

EXHIBIT 4

Oct 20 1967

First National Bank of Oregon
Gresham Branch
C. H. Graf Manager
Dear Sir

Please consider my request for a development loan in the amount of $36,000.00. For the 4C/ Mine corporation. ~~As soon a possabel.~~ along the lines we discussed in detail at a previous appointment.

If further information is necessary or personal examination of this property is desirabel please contact me as soon as possabel.

Should the loan be denied Please do so in writing

Very truly your
Vane C Maly

EXHIBIT 5

FIRST NATIONAL BANK OF OREGON

GRESHAM BRANCH, 110 N. E. ROBERTS AVENUE, GRESHAM, OREGON 97030

October 25, 1967

Mr. Vane C. Metz
Route 2, Box 60
Troutdale, Oregon

Dear Mr. Metz:

We have given consideration to your application for mine development of "44 mines" in Linn County, Oregon.

We appreciate your application, but because we have no program for this type of exploratory operation, we must decline to grant such loan.

Yours truly,

C. F. Graf
Manager

CFG:bc

EXHIBIT 6

Oct 20 -67

United States National
Bank of Oregon
J. P. Cirlen
Asst Manager

Sir:

Please consider my request for a development loan along the lines we discussed in the amount of $36,000.00 for the 44 mines and early reply will be appreciated

Very truly yours
Rt 2 Box 60
Troutdale Ore.

EXHIBIT 7

UNITED STATES NATIONAL BANK OF OREGON

Oct 25,1967

Vane C Metz
Rt 2 Box 60
Troutdale, Oregon

Re: Loan Request for development
of 44 Mines,Linn County,Ore.

Dear Sir,

Your request for a loan has been declined by this office. At the present time we are not able to assist you because we do not have any type of program for this development.loan.

Very truly yours,

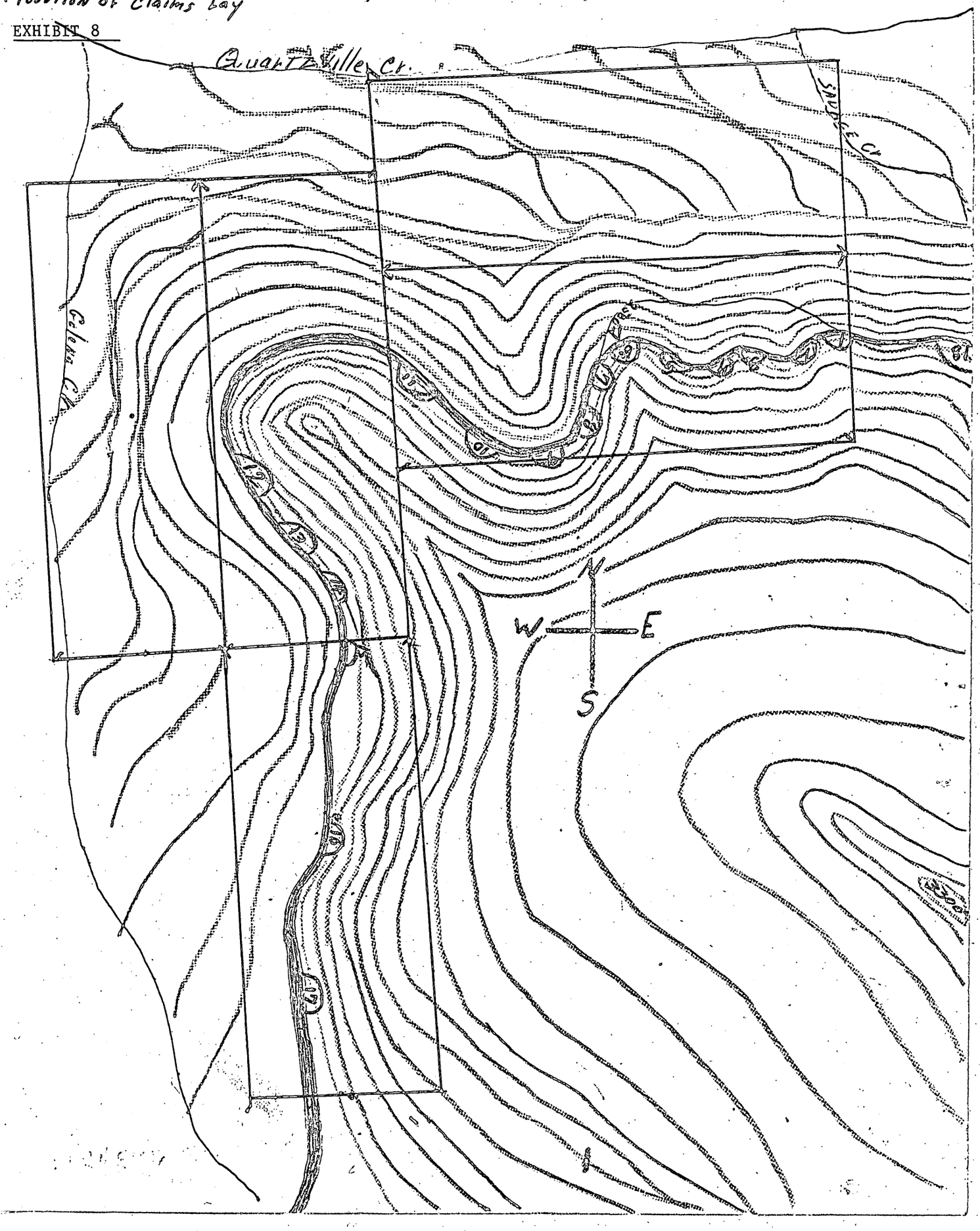
J P Curtis
Asst Mgr

GRESHAM BRANCH
247 EAST POWELL STREET
P.O. BOX 586, GRESHAM, OREGON 97030
HEAD OFFICE — PORTLAND

General Contour
+ Approximate Locations of intrusion
+ Position of Claims Lay

T. 11. S.
R. 4. E
Sec. 27. 33. 34.

EXHIBIT 8



PHONE 644-2176 DAY OR NIGHT

EXHIBIT 9

A. M. JANNSEN DRILLING CO.

21075 S. W. Tualatin Valley Highway
ALOHA, OREGON

November 9, 1967

Vane C. Metz
44 Mines
Rt. 2, Box 60
Troutdale, Ore.

Dear Mr. Metz:

This will confirm my verbal quotation of $4.00 per foot. The drilling is to be accomplished with a rotary rig, either air or fluid, at the sites along Forest Road 1177A which we observed. The above price is predicated on your estimate of 10-12 800 feet deep test holes. It is understood your firm will have a man to take samples. Your firm will have a dozer with the rig to keep the road clear of rocks and provide any help necessary to expedite the work.

The payment for this work will be from your Government Development loan and will be paid monthly. We will invoice you on the first of each month for the work accomplished during the previous month.

Yours truly,

A. M. JANNSEN DRILLING CO.

Edward M. Jannsen

Edward M. Jannsen

emj/mvb

EXHIBIT 10

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building - Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information requested completely, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

VANE METZ
Rt 2 c/o Edgefield Cent.
Troutdale, Ore
Please print your name and address in space above

Date sample is sent: 6/30/67

Name of claim sampled:

Name of property owners

Are you hiring labor? No Are you milling or shipping ore? No

Location of property or source of sample. (If legal description is not known, give location with reference to known geographical point.)

County LINN Mining district Quartville

Township 11S Range 4E Section 34 Quarter section

How far from passable road and name of road

	Channel (length)	Grab	Assay for	Description
Sample No. 1			Au, Ag	
Sample No. 2				

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) x Vane Metz

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Description Rhyolite with pyrite

Sample Number	GOLD oz./T.	GOLD Value	SILVER oz./T.	SILVER Value				
P-31951	Trace	- -	Trace	- -	- -	- -	- -	- -

Report mailed 7-14-67

EXHIBIT 11

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building - Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information requested completely, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Vane Metz
Rt 2
c/o Edgefield Center
Troutdale, Oreg
Please print your name and address in space above

Date sample is sent: 6-30-67

Name of claim sampled: —

Name of property owners Vane C Metz

Are you hiring labor? no Are you milling or shipping ore? no

Location of property or source of sample. (If legal description is not known, give location with reference to known geographical point.)

County Linn Mining district Quartzville

Township 11-S Range 4E Section Sec 33 Quarter section

How far from passable road and name of road

	Channel (length)	Grab	Assay for	Description
Sample No. 1			CU, A.G, AU, Pb	
Sample No. 2				

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed)

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Description #1 Andesite with galena and chalcopyrite
~~#2 Rhyolite with disseminated pyrite~~

Sample Number	GOLD oz./T.	GOLD Value	SILVER oz./T.	SILVER Value	COPPER Cu	LEAD Pb		
P-31950	Nil	- -	Nil	- -	Trace	0.50%	- -	- -

Report mailed 7-14-67

EXHIBIT 12

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building - Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information requested completely, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Vane Metz
Route 2 Box 60
Troutdale, Ore.
Please print your name and address in space above

Date sample is sent: 9 Oct 1967

Name of claim sampled:

Name of property owners

Are you hiring labor? Are you milling or shipping ore?

Location of property or source of sample. (If legal description is not known, give location with reference to known geographical point.)

County Lane County Mining district 44 Miles Quartzville

Township 11 S Range 4 E Section 27 + 34 Quarter section

How far from passable road and name of road

	Channel (length)	Grab	Assay for	Description
Sample No. 1		✓	Ag + Hg	Dark rock
Sample No. 2		✓	Au + Ag	Brown rock

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) Vane C. Metz

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Description (1) Weathered volcanic with manganese stains.

(2) Pyrite in breccia.

Sample Number	GOLD oz./T.	GOLD Value	SILVER oz./T.	SILVER Value	MERCURY Hg			
P-32259 No. 1	- -	- -	Nil	- -	Nil	- -	- -	- -
P-32260 No. 2	Nil	- -	0.20	- -	- -	- -	- -	- -

Report mailed 10-13-67

EXHIBIT 13

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building - Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information requested completely, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Vane C. Metz
Rt 2, Box 60
Trout dale, Ore
Please print your name and address in space above

Date sample is sent: 10-26-

Name of claim sampled: 44 Mine

Name of property owners Vane C. Metz

Are you hiring labor? No Are you milling or shipping ore? No

Location of property or source of sample. (If legal description is not known, give location with reference to known geographical point.)

County Linn Mining district

Township 11 S Range 4 E Section 33, 34, 27 Quarter section

How far from passable road and name of road

	Channel (length)	Grab	Assay for	Description
Sample No. 1			Au, Ag, Pb.	DK. gy. vol.
Sample No. 2			Au, Ag, Pb	Lt. gy. vol.

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) Vane C. Metz

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Description Both samples are altered volcanics (prob andesite) w/ dissem. pyrite.

Sample Number	GOLD oz./T.	GOLD Value	SILVER oz./T.	SILVER XXXXXX	LEAD Pb			
P-32347 No. 1	Nil	- -	Nil	- -	0.5%	- -	- -	- -
P-32348 No. 2	Nil	- -	0.2	- -	Nil	- -	- -	- -

Report mailed 11-10-67

EXHIBIT 14

NORTHWEST TESTING LABORATORIES

4115 N. MISSISSIPPI AVENUE
PORTLAND 17, OREGON

MATERIALS INSPECTION
CONSTRUCTION INSPECTION
PHYSICAL TESTING
CHEMICAL ANALYSIS

WELDING CERTIFICATION
ASSAYING
SOIL TESTING
BACTERIOLOGY

September 17, 1967

44 Mines
Route 2, Box 60
Troutdale, Oregon

Gentlemen:

We wish to report the following results on two samples of ore submitted to us:

Sample No. 1

Gold as Au..... Nil

Silver as Ag..... 0.20 oz/ton $0.26/ton

Sample No. 2

Gold as Au..... Nil

Silver as Ag..... 0.20 oz/ton $0.26/ton

Respectfully submitted,

NORTHWEST TESTING LABORATORIES

Charles R. Lane

Charles R. Lane, Manager

Cert. No. 86011

44 Mines Corporation
2045 N.E. Cleavland
Gresham, Oregon 97030
August 21, 1968

OFFICIAL
COPY
N. E.
RECEIVED
AUG 26 1968
INITIALS | CODE
130
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on leave 110
120 S
220

U.S. Department of Interior
Geological Survey
Washington, D.C. 20242

Frank E. Johnson
Cheif, Office of Minerals Exploration

Re: O.M.E. 6675

Sir:

This letter is to thank you and your staff for the time, effort and patience shown us in processing our application for a mineral assistance loan.

Although the loan was denied, we feel the time and effort was well spent; because of the realistic observations of your field man Mr. Willard Puffet.

We have uncovered two very good prospects; one, a shoot of galena sphalerite that opens from a crack to an 8 inch stringer this, and other near by stringers, give every appearance that they will lead us to a very good deposit. Assays show the vein material to contain 400 pounds of lead, 400 pounds of zink, 8 pounds of silver, 20 pounds of copper and a trace of gold per ton. Our second prospect is a chalcopyrite, which shows a larger surface minerlization and indicates that at depth it will change into galena. Further exploration must be done on this to be sure. Present surface assays of a rather distinct vein material show copper 1.48%, silver .70%, gold .003% per ton.

Prior to the visit of your field man we were spending most of our time trying to trace some float to its source. As of yet, we have not been successful in this endeavor, the best of this float assayed 3 oz. of silver and 20 lbs. of lead per ton. We are now abandoning this search, and devoting our efforts on our two good prospects.

Allow us to suggest from our own experience that you and your department channel more of your time, money and effort in an advisory capacity instead of direct financial aid. Allow us also to call to your attention that with in the last year a tremendous intrest has been generated in mining in the state of Oregon and we must assume that this is also true of other areas; therefore, private capital should be more readily available providing you can show a reasonable good prospect.

In other words, if it would be acceptable to the government one should have no trouble obtaining private capital. Therefore, we believe that you can do a far greater service to many more prospectors over a greater area in a advisory capacity rather than a financial one.

Permit us again to say thank-you.

Very truly yours,

Vane C. Metz

Vane C. Metz

Troy L Pruit

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/6/68	RMSmith	120
"	Johnson	120
8/9	Smith	110
		220

9

AIRMAIL

Forty-Four Mines, Inc.
2045 N. E. Cleavland
Gresham, Oregon 97030

Re: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

Gentlemen:

Careful study of your application for financial assistance in exploring the captioned property and of other information available to us indicates that the probability of discovering significant reserves of silver-gold-copper ore on the property is not sufficiently promising to justify Government participation in the proposed exploration. Accordingly, we regret to inform you that your application for exploration assistance is denied.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Mr. Smith
Region I
130

RMSmith/bsl 8/6/68

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, OME	8/2/68	
2. Re: OME-6675 (Silver-Gold-Copper) Forty-Four Mines, Inc.		
3. Forty-Four Prospect Linn County, Oregon		
4. D R MacLaren		
5. D. R. MacLaren		
FROM: Fld. Officer, Reg. I		

FOR: Check items for action desired

X Action ____ Reply for signature of ____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS: Transmittal of on-site exam. report recommending denial of application. I concur with the recommendation.

INT.-DUP. SEC., WASH., D.C. M56300-62

OME

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
August 1, 1968

AUG 2 1968 (Dispatched)

OFFICIAL COPY
M. E.
RECEIVED
AUG 5 1968

INITIALS	CODE
gla	130
gla	120 M
[illegible]	110
	120 S

Memorandum

To: Field Officer, OME, Region I

From: Willard P. Puffett, Geologist WPP

Subject: On-site Examination Report
OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

On-site Exam

INTRODUCTION

The applicant proposes to explore for silver-gold-copper ore on five unpatented claims in the Quartzville Mining District by diamond drilling from the surface. He contends that exposures in a new access road constructed by the U. S. Forest Service show promise of a large ore deposit that is associated with intrusions of andesite and rhyolite into granite.

I examined the five claims of Forty-Four Mines, Inc., on Tuesday, July 9, 1968. Mr. Troy L. Pruitt, President, and Mr. Vane C. Metz, Secretary, Forty-Four Mines, Inc., were present and furnished transportation from their camp near Galena Creek to exposures of interest on their several claims. In addition to the claims listed in their application, we visited another of their claims on McQuade Creek where some shallow surface work had been done on a mineralized shear zone. I arrived at the property about 8:30 a. m. and completed the examination by 4:00 p. m.

RECOMMENDATION, SUMMARY, AND CONCLUSIONS

It is recommended that the application be denied. The exposures in the access road are of coarse agglomerate or volcanic breccia and a dark gray, medium- to fine-grained andesite. The agglomerate is generally light gray to white, contains scattered pyrite, and locally is stained brown with limonite. The contact between the andesite and agglomerate is sharp and steeply dipping. The access road has exposed the contact in several places and possibly these exposures are the cupolas or intrusions mentioned in the application. No mineralized shear zone or other evidence of ore was seen along the access road.

Near the applicant's trailer, on the east side of Galena Creek, there were several boulders containing sphalerite, galena, and chalcopyrite. The applicant believes these are part of the overburden under which is a vein of similar material; however, he had not attempted to expose the vein by bulldozing or other surface excavations. Selected specimens of the mineralized boulders contain 0.08 ounce per ton gold, 2.5 ounce per ton silver, 1.9 percent lead, 2.9 percent zinc, and 0.29 percent copper. The gold, silver, and copper content are too low for ore unless the deposit is very large.

There is no evidence that the exploration work proposed by the applicant will be successful in finding a significant ore body.

PROPERTY AND ACCESSIBILITY

The applicant's property consists of five unpatented claims, Nos. 1, 2, 3, 4, and 5, that have been staked along the north, east, and west slopes of the hill between Galena Creek and Savage Creek, in the N½ sec. 34, T. 11 S., R. 4 E. W.M., Linn County, Oregon. These are included in the Forty-Four prospect, the name originating from the fact that Mr. Metz, secretary of the applicant corporation, carries a 44 magnum revolver.

The area in which the claims are staked is deeply dissected by tributaries of Quartzville Creek and the hillslopes are steep and heavily forested. According to the Quartzville, Oregon 15 minute quadrangle sheet, the creek levels are 1,600 to 2,000 feet below the crest of the ridgetops in the claim area, but much greater topographic relief is in the hills to the south.

The property is about 34 miles by road from Foster, Oregon. To reach the property, one follows a surfaced road, about a mile east of Foster, north to Green Peter dam, and continues along the north side of Quartzville Creek to the Quartzville Guard Station. From the guard station, a gravelled, logging road, Forest Service Access Road No. 1177A, extends upward and along the west side of Galena Creek, crosses the creek and turns back to the north along the east side of Galena Creek. This access road extends upward and around the nose of the hill between Galena Creek and Savage Creek and crosses the area in which the applicant's claims are staked. The access road is traversible by jeep or other 4-wheel drive vehicle, but the grade is probably too steep for ordinary passenger vehicles.

The applicant's camp is a small house trailer that is parked near the base of a steep slope on the east side of Galena Creek. The area at the campsite is heavily forested with large fir trees, most of which are diseased, according to applicant. There are no permanent buildings nor underground workings on the property.

GEOLOGY

The geology of the Quartzville district, in which the applicant's claims are, has been described by Callaghan and Buddington (1938, p. 99-113). Volcanic rocks are the predominant bedrock in the area although dikes and possibly some plugs of dacite porphyry are scattered throughout the district. Flows of normal andesite occur along Quartzville Creek. Rhyolite occurs above the andesite and tuff or volcanic breccia is above the rhyolite. Thick flows of vesicular gray olivine basalt are on the higher hills and ridges.

According to Taylor (in Dole, 1968, p. 3) the volcanic rocks in the Quartzville district are probably part of the Western Cascade volcanic belt (5 to 40 million years old). The basalt flows on the higher mountains are probably part of the much younger High Cascade volcanic belt.

The wall rock of the Savage mine, about half a mile southeast of the applicant's property, is tuff or volcanic breccia (Callaghan and Buddington, 1938, p. 100 and 110). It seems probable that the tuff and breccia at the Savage mine is a continuation of the same rock type exposed in the Forest Service access road on the applicant's property. These volcanic rocks have been described (Callaghan and Buddington, 1938, p. 14) as being "consolidated masses of fragments of volcanic rocks largely ejected from volcanic vents * * * They are present in all the mineralized areas and many of the mines and prospects lie within them. They are generally designated tuff, though the fragments range in diameter from several feet to 4 millimeters or less * * * Probably most of this material would be properly designated volcanic breccia or tuff breccia."

Two main rock types are exposed in the roadcuts along Forest Service Access Road No. 1117 A. One type is nearly white and contains round and angular blocks of similar material and occasional large blocks of dark gray-green andesite. The white rock is altered in part to fine-grained argillaceous material. Small crystals of pyrite are scattered throughout it. Limonite stain is somewhat pervasive on the weathered surface and the volcanic breccia can be recognized along strike on distant hills because of the brown stain. Fragmental material ranges from a fraction of an inch to several feet in diameter. Some large blocks of gray-green andesite as much as 10 feet across appear to be incorporated within the breccia, but possibly they are blocks that have slumped from adjacent higher areas.

The other main rock type is dense, medium- to fine-grained, greenish-gray andesite that is somewhat glassy but contains scattered dark crystals that might be pyroxene. Locally, the texture of this rock is similar to that of a well-indurated tuff. Limonite stain is not common in the andesite.

The contact between the tuff and the andesite is nearly vertical and strikes about N. 45° W.; the andesite is on the south of this contact. There are several alternations of breccia and andesite, but the fragmental rock is the predominant type. Possibly, flows of andesite were intermittent with eruptive volcanic activity that produced the breccia.

All the exposures along the access road on the applicant's property were examined carefully for copper minerals and for possible shear zones that might be targets for exploration. None were found. It is possible that mineralized shear zones occur in some areas where bedrock is not exposed, but the applicant did not know of any. There seems to be no place along the access road that contains evidence of ore or of ore potential. Mr. Metz obviously is aware of this for he stated near the end of the examination that "I'm satisfied there must be something in these hills for there's just too much of nothing."

A road had been bulldozed to near the applicant's trailer that was parked near Galena Creek on the No. 4 claim. In the loose road material adjacent to the trailer were several boulders of yellowish brown volcanic rock that contain galena, sphalerite, and chalcopyrite. Some of the boulders were well mineralized. The applicant believes that these boulders were surface indications of a vein at depth; however, he had not attempted to expose the vein, either by more bulldozing or by trenching with hand tools. I collected some of the boulders for assay and results were 0.08 ounce per ton gold, 2.5 ounces per ton silver, 1.9 percent lead, 2.9 percent zinc and 0.29 percent copper. The gold and silver content is too low to suggest a possible precious metal deposit.

I examined a mineralized shear zone on the west fork of McQuade Creek in the NW$\frac{1}{4}$ sec. 1, T. 12 S., R. 4 E., that is about 2 miles east of the property described in the application. The shear zone is exposed in a shallow prospect pit excavated by the applicant who had staked his No. 6 claim to include the exposure. (The No. 6 claim is not part of the application.) The zone, about 18 inches thick, trends northwesterly, roughly parallel to veins elsewhere in the Quartzville district. Galena, sphalerite, chalcopyrite, and pyrite or arsenopyrite are common. A sample across an 18 inch width assayed Tr. gold, 2.4 ounces per ton silver, 4.8 percent lead, 8.8 percent zinc, and 1.25 percent copper. A well-mineralized specimen assayed 0.02 ounce per ton gold, 5.9 ounces per ton silver, 11.4 percent lead, 28.6 percent zinc, and 1.57 percent copper. The sample was taken primarily to determine the silver and gold content of the vein.

I suggested to the applicant that possibly the vein on his No. 6 claim would be a* target for exploration than the one he had proposed in his application. He replied that he wanted to complete his originally proposed work first.

*better

APPLICANT'S PROPOSAL

The applicant has proposed to explore his property by drilling about 6,000 feet of churn drill hole from the surface. He had obtained a bid from a contractor to do the drilling with a rotary rig for $4.00 per foot. He has modified his original proposal by indicating that he would acquire a small portable core drill and a geochemical kit. With these items, he would test for favorable areas and then drill those showing the strongest indication of mineral deposits.

The originally proposed program was estimated to cost about $36,000. There was no estimation of costs with the modified proposal. Both the original and the modified proposal seem to be more in the nature of prospecting than in exploring a well-defined target. The applicant has not shown, except in the most general way, where he wants to concentrate his exploration efforts.

CONCLUSIONS

In former years there has been production of gold-bearing ore from veins containing sulfides in the Quartzville district. The applicant's property is in the Quartzville district and possibly might contain a mineralized shear zone or vein similar to those developed elsewhere in the district. The applicant is not able to show where such a vein does exist or to show indications where one might exist. It appears therefore that his proposed exploration program is more in the nature of prospecting to find a vein. There seems little likelihood that his proposed exploration will be successful in finding a significant ore body. It is recommended that the application be denied.

Distribution:
- OME
- USGS(SRO)
- Docket
- Puffett

REFERENCES CITED

Callaghan, Eugene, and Buddington, A. F., 1938, Metalliferous mineral deposits of the Cascade range in Oregon: U. S. Geol. Survey Bull. 893, 141 p.

Dole, H. M., Editor, 1968, Andesite Conference Guidebook: Bull. 62, Oregon Department of Geol. and Mineral Ind., 107 p.

MME FORM 6 REFERENCE SLIP
REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, OME	7/29/68	
Re: OME-6675 (Silver-Gold-Copper)		
2. Forty-Four Mines, Inc.		
Forty-Four Mines		
3. Linn County, Oregon		
4.		
5. D. R. MacLaren		
FROM: Fld. Officer, Reg. I		

FOR: Check items for action desired

____ Action	____ Reply for signature	____ Surname
____ Approval	____ Investigate	____ Signature
____ Comment	____ Recommendations	____ File
____ Conference	____ Rewrite	
____ Instructions	X Your information	

REMARKS:

OFFICIAL COPY

INITIALS	CODE
	430
	120
	512
	120

INT.-DUP. SEC., WASH., D.C. M56300-62

44 Mines Inc
2045 N.E. Cleveland
Gresham, Oregon 97030
July 25 - 68

Willard P. Puffett
U.S. Geological Survey
Room 656 US Court House
W. 920 Riverside Ave
Spokane Washington 99201

RE. O.M.E. Silver Gold Copper
44 Mines Inc.
44 Prospect
Linn County Oregon

Sir.
We have taken additional spectrographic analysis. Also fire assays. Which we thought might interest you.
Especially of the area in which you pointed out the ~~copper sulfides. Along the upper~~ portion of McCluade Creek.
After you left we carefully examined this area. Both lower and upper portions and were so pleased with our findings that we filled an additional Claim. Which is now recorded as Claim 8-44 Mines Inc 1 & 2 Township 12 S. Range 4 E. An assay taken on this Claim Gold T. Silver 1.60 Copper 1437.

This assay was taken from the side of the place, where you had dug a small opening. We also have a Spectrographic of the vein material of Claims 6 + 7 Sec. 1 + 2 Township 12 S. Range 4 E. This showed Lead 5% Copper 1% Silver 0.1% Gold 2 oz per ton.

Examination of Claim 7 at its lowest level along McCrade Creek, at a distance of 300 feet South of Claim 8 showed Copper Barium of 1% at creek level This showed signs of radio activity.

On our Claim 4 Sec. 34 Township 11 S. R. 4 E. Where the trailer is located along Galena Creek. assays showed Gold T. Silver 0.60 Lead 1.93%

~~We were well pleased,~~ let the your courtesy and intrest shown us and wish to take this opportunity to thank you.

Very truly yours
Vance C. Metz
Troy & Peist

RECEIVED
JUL 29 1966
O.M.E.

MME FORM 6 REFERENCE SLIP

REV. 2 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, OME	7/16/68	
Re: OME-6675 (Silver-Gold-Copper)		
2. Forty-Four Mines, Inc.		
Forty-Four Mines		
3. Linn County, Oregon		
4.		
5. D. R. MacLaren		
FROM: Fld. Officer, Reg. I		

D R MacLaren

OFFICIAL COPY O. M. E. RECEIVED JUL 18 1968 INITIALS CODE

FOR: Check items for action desired

____ Action	____ Reply for signature of	
____ Approval	____ Investigate	____ Surname
____ Comment	____ Recommendations	____ Signature
____ Conference	____ Rewrite	____ File
____ Instructions	X Your information	~~130~~

REMARKS:

lsl 120 M
~~JJ~~ 110
RS 120S

INT.-DUP. SEC., WASH., D.C. M56300-62

*7-14-68

44 Mines Inc.
2045 N.E. Cleveland
Gresham Oregon 97030

Willard P. Pillott
U.S. Geological Survey
Room 656 U.S. Court House
W. 920 Riverside Ave
Spokane Washington 99201

Re. O.M.E. Silver Gold Copper
44 Mines Inc
44 Prospect
Linn County, Ore.

Sir: We are enclosing letter from Bureau of land management Roseburg Oregon, Concerning Geocmical sparmination of our area As requested by you. At your recent sparmination of our prospect. Any additional information required by you. We will be happy to furnish.

Very truly yours
Vane C. Mathews
Sec. 44 Mines Inc.

RECEIVED
JUL 16 1968
O.M.E.
SPOKANE, WASH.

* Date

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR

3000

BUREAU OF LAND MANAGEMENT

District Office
P.O. Box 1045
Roseburg, Oregon 97470

MAY 10 1968

44 Mines Corporation
2045 N. E. Clevland
Gresham, Oregon 97030

Gentlemen:

I took the liberty of recording your request to be notified when T. 11 S., R. 4 E., Sec. 27, 33, 34 is advertised under PL 167. Please notice the filing fee was $1.50 which would normally be paid by the claimant. Please remit $1.50 payable to the undersigned.

Sincerely yours,

/s/ Joseph F. Rudys

Joseph F. Rudys
Mining Engineer

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/6/68	[illegible]	120
6/6/68	[illegible]	120
		110
6/6	[illegible]	220
		120M

JUN 6 1968

Forty-Four Mines, Inc.
2045 N. E. Cleavland
Gresham, Oregon 97030

Re: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

Gentlemen:

Thank you for your letter which we received June 3, 1968, transmitting reports of six spectrographic analyses and brochures on drill rigs.

Your application has now been referred to Mr. D. R. MacLaren, Office of Minerals Exploration, U. S. Geological Survey, Room 656, U. S. Courthouse, West 920 Riverside Avenue, Spokane, Washington 99201.

Mr. MacLaren will notify you if additional information is needed or to arrange an on-site examination if necessary.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
OME Region I
Mr. Smith

RMSmith/gla 6-5-68

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/6/68	[illegible]	120
6/6/68	[illegible]	120
		110
		220
		120M

JUN 6 1968

AIRMAIL

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

The application is referred to you for review, a field examination, and recommendations. A copy of the Applicant's letter received June 3 and enclosures are enclosed.

It appears to us that further attempts to obtain supporting data from the Applicant would be unduly time-consuming, and that a field examination is warranted by the information at hand.

Although the Applicant has not furnished convincing evidence of a worthwhile target, the results of samples #4 and #6 (locations unspecified) indicate a quartz vein (width unspecified) containing "Lead, zinc, silver, tungsten," copper, and gold, which may in fact constitute a valid target.

If you recommend a contract, a logical project and a detailed cost estimate should be worked out with the Applicant, and reliable assurance that qualified technical services will be provided should be obtained.

FRANK E. JOHNSON

Frank E. Johnson

Enclosures

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
Mr. Smith
130

RMSmith/gla 6-5-68

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/22/68	[illegible]	120
4/22/68	Kirkemo	120
		110
		220
		120M

APR 22 1968

AIRMAIL

Forty-Four Mines, Inc.
P. O. Box 193
Troutdale, Oregon 97060

Re: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

Gentlemen:

Thank you for your letter of recent date transmitting a geological report on the property and indicating that additional information will be furnished as soon as it is available. We shall continue to hold your application in our active file pending its receipt.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

See letter read. 6/3/68
+ enclosures
left-hand side.

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
Mr. Smith
Region I-w/cy of incoming ltr.

RMSmith/bsl 4/22/68

44 Mines Inc.
P.O. Box 193.
Troutdale, Ore. 97060

U.S. Department of the Interior.
Geological Survey.
Washington D.C. 20242.

R.E.
O.M.C. 6675. Silver Gold & Copper.
44 Mines Inc.
Quartzvill Mining Dist.
Linn County, Oregon.

Sir:

In reply to your letter of April 10/1968 Please refer to your letter of Jan 29/1968 in which you agreed to extend our time until spring, or weather conditions permited us to obtain aditional information nessary to complete our application.

While we were waiting to obtain the services of a licence Geological, we have accomplished, the following

Taking numerous samples for assay, and further explored the area noteing additional deposits and veins

We have just received the Geological report which we are enclosing a copy of. Also we have spectograpke and assay in process.

These will be sent on to You as soon as we receive them. This usually take from two to three weeks.

The Geological report falls short of what we had hoped for. But has not shaken our belief that we are on the right track, since considerable time and expense were involved to acquire this man's service, we feel that his recomendations should be followed. This being that more exploration is necessary before a major capital investment is made.

We now perpose to aquire a small portable core drill capable of drilling a minium of 300 feet depth and a Geochemical kit. Then to drill and test the area showing strong indication of mineral deposits These areas will be assayed and plotted.

A copy will be furnished to You

providing of course that assestance in defraying the cost of such an undertaking is available from your department

Please advise us as to your decision of our proposal.

Very Truly Yours
44 Mines Inc.
P.O. Box 193.
Troutdale, Ore.
97060.

Jane C. Metz

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

APR 10 1968

AIRMAIL

Forty-Four Mines, Inc.
P. O. Box 193
Troutdale, Oregon 97060

Re: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Lima County, Oregon

Gentlemen:

We have not had a reply to our letter of January 29, 1968. Will you please inform us of your plans regarding the application. If you have decided not to pursue it further, will you please so inform us.

Sincerely yours,

Harold Kirkham

for Frank E. Johnson
Chief, Office of
Minerals Exploration

OFFICIAL COPY
O. M. E.
RECEIVED
APR 19 1968
INITIALS | CODE
GOF | 130
FD | 120
| 110
Kmd | 130

4027 S.W. Garden Home Road
Portland, Oregon 97219
8 April 68

44 Mines Corporation
c/o Mr. Troy Pruit, President.
Route 1, Box 428A
Eagle Creek, Oregon 97022

Gentlemen:

On March 31, 1968 I examined the mining claim properties of the 44 Mines Corporation in sections 27, 33, and 34, T 11 S, R 4 E, near Sweet Home, Oregon in Linn County. The purpose of the visit was to recommend to the corporation the most feasible course of action in developing these claims, based upon a cursory examination.

The mining claims are located in the Quartzville Mining District where small mines have operated intermittently for years extracting primarily gold on a low profit margin. Sulphide mineralization is prevalent in the district, but no extensive sulphide ore deposits have been discovered as yet.

The andesite, basalt, breccia, and tuff rocks exposed in the road cuts through the 44 Mines Corp. claims and adjacent areas contain scattered pyrites (iron sulphide) with minor amounts of galens (lead sulphide), sphalerite (zinc sulphide), and cinnabar (mercury sulphide). Assays of the rocks have revealed traces of

gold and silver. The claims are crossed by several shear zones consisting of weathered and decomposed feldspars (Kaolinite and saussurite) with abundant oxidized and hydrated alteration products such as limonite, a hydrous iron oxide formed from the breakdown of iron sulphides.

Because the odds against making a profitable return on your exploration dollar in this region are so great, it is my opinion that the 44 Mines Corp. should not commit any large sum of money attempting to locate an ore deposit on these claims. However, because of your interest and desire to explore in your spare time, I do recommend that the claims be retained for further limited investigations. I suggest that the corporation seek government financial assistance through the mineral exploration aid program for the purchase of a small core drilling rig, and possibly some geochemical exploration equipment. The geochemical equipment can be used to test the water runoff in the area for indications of mineral content which can then be systematically traced to its source.

If you are fortunate enough to acquire core drilling equipment, the most likely place to start subsurface investigations would be in the shear zones. Zones of oxidation such as those found in these shear zones often overly many types of mineral deposits in which case the zone of oxidation could be considered a gossan. If no substantial mineralization is found in the shear zones, the next logical place for coring would be any area where you have found concentrations or veins of sulphides.

Although you may not locate an extensive ore body, you might find isolated pockets of mineralization that could prove profitable to work on a part-time basis. Also, you may find that you can develope a combination surface-subsurface technique for locating additional mineral pockets in the area.

If you do start such an exploration program, be sure to keep accurate records of locations and results. Even if you are unable to locate some reasonably profitable ore, your records may indicate an areal deposit of low-grade ore which might become economical in the future as market conditions change and extraction and recovery methods improve.

I certainly wish you the best of luck in your venture. If I can be of any further service, or if you need clarification of any of my statements, please give me a call.

Very Truly Yours,

Wendell E. Cloepfil

Wendell E. Cloepfil
Geologist

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/8/68	RMSmith	120
		120
		110
4/10	cal	220
		120M

APR 10 1968

AIRMAIL

Forty-Four Mines, Inc.
P. O. Box 193
Troutdale, Oregon 97060

Re: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Lima County, Oregon

Gentlemen:

We have not had a reply to our letter of January 29, 1968. Will you please inform us of your plans regarding the application. If you have decided not to pursue it further, will you please so inform us.

Sincerely yours,

Harold Sikkema
for Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
Mr. Smith
R-I

BSLong/1 4/8/68

OME Surname copy

1/29/68 120

Kirkemo 120

AIRMAIL

110

Forty-Four Mines, Inc.
P. O. Box 193
Troutdale, Oregon 97060

JAN 29 1968

220

Re: OME-6675 (Silver-Gold-Copper) 120M
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

Gentlemen:

Thank you for your letter of January 3, 1968, informing us of your intention to furnish this spring the information requested in our letter of December 21, 1967, outlining your previous work with a magnetometer and metal detector, and suggesting an on-site examination by a Government geologist.

The Office of Minerals Exploration does not provide consulting services in competition with private consultants. An on-site examination can be authorized, therefore, only after an applicant has furnished geologic evidence that an exploration project may be warranted. To that end, you may wish to obtain the help of a qualified mining geologist or engineer.

Your information is correct that great strides have been made in mining exploration by methods of remote sensing, but these methods are all indirect: they measure various effects of rock bodies (including ore), but they do not detect or identify an ore body directly. An air-borne camera that takes pictures of ore bodies deep inside of mountains has not been developed.

We wish to cooperate with you fully in allowing sufficient time to complete your application. Accordingly, we shall hold your application in our active file and shall expect to receive additional information as soon as weather permits.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geol. File
OME Docket
OME Reading File
OME Region I w/cy incoming letr.
Mr. Smith

RMSmith/gla 1-29-68

(1)

44 Mines Corp.
P.O. Box 193
Troutdale, Ore.
Dated 1-3-68

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 4 1968
INITIALS | CODE
~~130~~
BH 120 m
JEJ 110
RMJ 120 S

US Dept. of Int.
Geological Survey
Washington D.C.
Frank E. Johnson.
Sir:

R.E. O.M.E. 6675
44 Mines Corp.
44 Prospect
Linn County Ore.

In reply to letter of 12-21-67 We will be happy to furnish, the additional required information as soon as possabel. But due to unusual weather conditions. and extremely earley heavey snow. We were forced to discontinue opperations. Possably untill Spring.

In the mean time perhaps we can establish a better understanding. of what we have done and purpose to do.

Copy to OME Region I

(2)

We located 18 cupolas of intrusive rock. Under a Considerable Cover of Country rock. The Country rock being Granit. The intrusive rock composed of Felsite porphyry, Rhyolite, amphibolite, + Quarts. The walls of these intrusions being sharply defined and varie in width form 50 to 300 feet. The exposed portions are uniform in Composition and show no secondary intrusion. It apears they were all formed at the same time. And nothing has changed since. All intrusions show traces of Silver Gold lead and some show traces of Copper. I do most of our assay work. Which I occasionaly check with State and private assay But as I refuse to accept an other mans sapeling or assay. When my money is involved. I assumed the government would not.

We have these intrusions marked out in Red Paint. And numbered

③ Starting at the lowest elevation and the first one reached. By acess road no 1177 A. Is No 16. Continuing upward along same road to No 1 Then on to 17 + 18. at the higest elevation all plainly visibel from acess road 1177 A

We had this aera gone over with a portabel Magnetometer. We also covered the aera with a metal dectior of our own. Booth instuments showed a large non metallic deposit at intrussion no 16. Apparently at shallow depth. The opperator a Mr. Charley Johnson. Of the Magnetometer said we should reach this deposit in about 30 feet. There is an opperning to a cavern going down into intrusion No.16. We have not determined the size or natuer of this cavern. As considerabel work has to be done to clear the mouth.

Continuing from No 16 intrusion to No.1. The magnetometer showed non metallic readings of considerabel

Eptent also matallic readings at progesively grater depths

For this reason we perposed to start drilling at intrusion No. 16. We would welcome further Epploration with bigger and more modern electrokinetics gear. Befor drilling. But we know of no such equipment. That is availabel in this aera.

We understand that great strides have be made in epploration & mining methods. And have ben told. The government has a camera capabel of taking pictures. of ore bodies deep inside of mountians from an air plane. This may not be true. But we do know. That you have some of the best brains in the business. Why not send one out and look us over?

(5) as it is not fair, to write us off from a desk in D.C. simpely becaus we were unabel to get accross to you on a sheet of paper. At least kick it around for awhile. I am shure you can help us in some way.

Very truly yours
Vane C. Metz
Secretary
44 Mines Corp.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
12/20/67	RMSmith	120
12/20/67	Kirkemo	120
		110
12/21	CRC	220
		120M

DEC 2 1 1967

RMAIL

Forty-Four Mines, Inc.
P. O. Box 193
Troutdale, Oregon 97060

Re: OME-6675 (Silver-Gold-Copper)
Forty-Four Mines, Inc.
Forty-Four Prospect
Linn County, Oregon

Gentlemen:

A preliminary review of your application for financial assistance in exploring your five claims indicates that additional information is needed before we can continue its processing.

Stage I of the proposed work appears to be more in the nature of prospecting than exploration unless more favorable geological evidence can be presented. Additional sampling, assaying, detailed mapping, and descriptions of the veins and shear zones might furnish this evidence, but from the present data we would have no alternative but to deny the application.

If additional preliminary work indicates specific targets among the 17 locations shown on the topographic map, we would suggest that you prepare a supplement to your application giving the information, requested on the back of the application form under items 3(f), 5(a), and 7. Your reasons for expecting to find ore should apply specifically to the locations where drilling is proposed. The work proposed should be shown in relation to the geological features that are to be tested. Specific information is needed because an OME contract is written for specific items of work in specific locations, although sufficient flexibility is allowed to modify the work as new information is developed.

After the work has been outlined - in stages if desirable - a cost estimate should be prepared in detail for each type of work proposed in 5(a). Under Assaying list the number of assays expected, the metals to be determined, and the cost per assay. Under Cat Rental specify the size, hours of work expected, and the hourly, daily, or monthly rate. Any other costs should be listed by category as requested in item 7.

43683

This request for additional information should not be construed as a commitment by the Government to grant an exploration contract. We shall hold the further processing of your application until the requested data are received.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Directorate Reading File
Division File
Economic Geology File
OME File
OME Reading File
Mr. Smith
Region I

EMSmith/bl 12/20/67

December 13, 1967

Forty-Four Mines, Inc.
P. O. Box 193
Troutdale, Oregon 97060

Re: OME-6675

Gentlemen:

Your application for exploration assistance submitted with your letter of December 1, 1967, to our office at Spokane, Washington, has been assigned Docket No. OME-6675.

Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: OME Region I