DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

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DMA Docket No. 2729

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Copy to USGS. & USBM.

Routing Slip
Code 700, Room 4640

To:	Rare&Misc.Metals	Date	10/7/52
To:	Open Conn	Date	3-18-53
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CONTROLLED DOCUMENT

FILE COPY
SURNAME:

Schmidt
Ellis
Lemmon
Hedges
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Mr. Ronald L. Taft
Lombard Hall
Everett, Washington

MAR 3 1953

Re: Docket No. DMLA-2729 (Mercury)
Cinnabar and Tiemannite Mercury Claims
Snohomish County, Washington

Dear Mr. Taft:

J.C. 3/18/53

Reference is made to your application for Government aid on the captioned project in the amount of $413,121.00, dated September 8, 1952.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding material of acceptable grade and in quantities that will significantly improve the mineral supply position for the National Defense Program. However, in the subject application under consideration, such a determination could not be made due to the inaccessibility of the underground workings because of flooded conditions. Accordingly, we regret to advise that your application must be denied.

If the shaft is unwatered sometime in the future, and this property reveals information which makes the project feasible, a new application may be submitted for consideration.

Sincerely yours,

C. O. Mittendorf

Administrator

GLAult/RSCHMIDT/eef
3/17/53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. ARKinkle, Rm. 4234 GSA
HMMeyer, Rm. 3623
Ellis
Schmidt
DMLA FT. Region III (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

March 17, 1953

SUMMARY OF PROPOSED PROJECT

Docket No. DMEA-2729
Applicant: Ronald D. Taft

Subject: Denial of application

Commodity: Mercury

Location of property: Snohomish County, Washington (Region II)

Amount of application: $413,121.00

Date of application: September 8, 1952

Outline of Project:

Basis for project is reported occurrence of mercury ore in the bottom of a flooded shaft. No satisfactory description of work contemplated but costs are based on sinking inclined shaft 2,750 feet.

Field Team Report: Dated February 2, 1953
by Willard P. Puffett, Geologist, USGS
E. A. Magill, Engineer, USBM
Field Team, Region II, transmittal letter to Operating Committee
February 13, 1953

Comments: Denial, unless shaft is unwatered. Project is too ambitious.

Commodity Committee:

Geological Survey Member: E. L. Newcomb
Memorandum March 3, 1953: Denial because shaft flooded and inaccessible; hence, ore could not be seen and assays submitted are less than .2%.

Bureau of Mines Member: Helena M. Meyer
Memorandum March 9, 1953: Denial because of inaccessibility of shaft due to water. If applicant will unwater shaft and establish presence of mercury in significant quantity, application may be resubmitted.

DMEA Member: F. Sommer Schmidt

Comments: Concur in denial because no data is available to justify the application.

Denial letter written.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

3/10/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

March 9, 1953

Memorandum

To: E. W. Ellis, DMEA

From: Helena M. Meyer, Base Metals Branch

Subject: DMEA Docket 2729, R. D. Taft property, Snohomish County, Washington, exploration loan $413,121, and Field Team report (Mercury)

I have read the subject application and field team report and concur in the findings of the field team. The report stated that because the shaft is flooded, and thus inaccessible, it is not possible to check on the merits of the property. The field team recommends denial of the application, therefore, on the basis of lack of information.

If the applicant unwaters the shaft and can establish the fact that mercury is present in significant quantities, we agree with the field team that the application may be resubmitted at that time.

Helena M. Meyer

Helena M. Meyer

Copies to: Minerals Division
Base Metals Branch
H. M. Meyer
Files
A. R. Kinkle, Jr. Room 4234 GSA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

March 9, 1953

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HMMeyer/jb

Copy to: Minerals Division
Base Metals Branch
H. M. Meyer
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DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

March 9, 1953

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Helena M. Meyer

HMMeyer/jb

Copy to: Minerals Division
Base Metals Branch
H. M. Meyer
Files
A. R. Kinkle, Jr. Room 4234 GSA

3-3-53 jeh

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 3, 1953

Memorandum

Re: DMEA-2729
Taft Property
Snohomish County, Wash.
$413,121
Mercury

To: Mr. E. Wm. Ellis

From: E. L. Newcomb

Subject: Concurrence with field team recommendation for denial

The proposed work is based primarily upon a reported ore occurrence at the bottom of a flooded shaft. This reported ore occurrence was not examined by the field team as the shaft was not dewatered as promised by the applicant. Examination of the accessible workings did not indicate that mercury ore is present on the property. Three samples were taken and all of them assayed less than 0.2 per cent mercury.

The field team recommends the application be denied.

I concur with the field team denial. If the shaft is dewatered and favorable evidence is submitted by the applicant, further consideration of a limited project could be made.

E. L. Newcomb

E. L. Newcomb
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 3, 1953

Memorandum

Re: DMEA-2729
Raft Property
Snohomish County, Wash.
$413,121
Mercury

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From: E. L. Newcomb

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E. L. Newcomb
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 3, 1953

Memorandum

Re: MMA-2729
Taft Property
Snohomish County, Wash.
$413,121
Mercury

To: Mr. E. Wm. Ellis

From: E. L. Newcomb

Subject: Concurrence with field team recommendation for denial

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E. L. Newcomb
Geologist

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. dmea 2729
Metal or Mineral
Date Received 10-6-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Ronald D. Taft
Silverton Star Route, Box 7, Washington

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract T 33 N, R 12 E, Sec. 10, [illegible] County, State of Washington.

(*b*) State any mine name by which the property is known. Jackpot [illegible]

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise [illegible] Contract.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it No liens. Balance due on the contract [illegible].

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) [redacted]te the mineral or minerals for which you wi[redacted]o explore Mercury.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 25 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[x] Money [x] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated September 8, 1952

(Applicant)

By

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

MF-103 UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

A LIMITED [illegible] IN [illegible] PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED.

COST [illegible] PROGRAM FOR EXPLORATION [illegible] RECOVERY REPORT

	Amount
2750 ft. of timbering incline. Labor and material @ $12	$ 33,000
27,500 ft. rails and ties. Labor and material @ $2.50	68,875
27,500 ft. man-way, ladder, Labor and material @ $1.50	41,125
27,500 ft. 14" air ventilator line. Labor & material @ $2.50	68,875
Installing electric wiring 27,500 ft. @ 5.0¢	1,275
Installing communication system 27,500 ft. @ 5.0¢	1,275
2,750 ft. sinking incline. Labor and hoisting, drills, and bits @ $60	165,000
Hoist house, change room. Labor materials	1,200.00
Erecting triple. Labor and material	2,300
Mining machinery, cars, jumbo, loader, hoist, air compressor, power plant, small tools and equipment	145,865
2,750 ft. of 3" air line @ $1.50	4,125
2,750 ft. 1" water line @ 60¢	1,650
Total.....	$575,565
10% for increased costs	57,556.
Grand total.....	$633,121.

Supervision, geology and assaying not included in mining costs.

MF-103 UNITED ST[illegible] DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN EXPLORATION PROJECT, PURSUANT TO SECTION 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED.

4. Physical description

(a) Enclosed is engineer's detailed map of working. Exploration work done in 1900 included an incline to the depth of 250 ft. which is now full of water. Engineer's report of 1911 is as follows:

"The Tiewanite-Onofrite Mercury Lode averages [illegible] ft. in cloth between free walls of metamorphic slate, at the 250 ft. level. The lode has 5 ft. 2 in. wide between the walls, near the surface. The hanging wall is well permeated with sulphurets as well as the fulcum on the walls, and the foot walls also has a blackish, clayey gouge, about 1/2 inch thick. These typical characteristics of the lode are well understood by mining geologists to indicate extensive movements at one time, and that the lode was filled by the volatilization of metalliferous minerals derived from immense subterranean fountains, near the primary strata or molten interior of the earth, and not from the lateral sections, hence showing unmistakable evidence of continuity and great depth." (Signed by O. Robert Wahl, Mechanic Geologist and Engineer)

By continuing this exploration program 2,750 ft. we should have conclusive evidence of a mining operation.

The incline is located 1500 ft. from the South Fork of the Stillaguamish river and no good highway, which would necessitate crossing the river with equipment, supplies and material.

(b) No past or present production.

At bottom of incline assays [illegible] in 1911 showed 7% native quick silver.

(c) See (a) above and enclosed map.
I wish to explore to prove the feasibility of mining operation or producing mercury.

(d) 1200 ft from main highway. Location will be the surveys location of the townsite of Silverton, Washington, and 24 miles from Marysville, the loading point on the Northern Pacific Railway.

(e) Materials: Timber available and mining claims; abundance of water for all mining purposes.

Manpower: Also available.

MF-103 UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED.

5. The exploration project.

(b) See 4(a)

(d) For the last 15 years I have been building roads and developing mineral reserves in this district. I will personally supervise the operation. I am an appointed government supervisor of mining operations, and this appointment made in June last by E. W. Erick, Government Supervisor, has not been cancelled. In addition, I will have a graduate geologist making reports and estimating the progress of operation.

6. Estimate of Costs. (See attached

(a) No contracts.

(b) Labor, supervision, consultants.

Supervisor	[illegible]	per month
Geologist	$400	[illegible]
Miners	15	per 8-hr shift
Laborers	14	per shift
Shift bosses	[illegible]	per month
Accountant	[illegible]	per month

(See attached statement)

These figures correct unless an additional raise has been granted.

(c) See Cost of Program for exploration

(d) ditto

(e) "

(f) "

(g) "

(h) "

7. (a) Are you prepared to furnish your share of cost: Yes

(b) Money. Also use of equipment. All other can be furnished by rehabilitating present power equipment. The cost of share could be applied as rental on power equipment on a monthly basis during the exploitation of project.

MF-103 UNITED ST[illegible] DEPARTMENT OF THE INTERIOR
DEF[illegible] ADMINISTRATI[illegible]

APPLICATION [illegible] PROJECT, PURSUANT [illegible] 1,
UNDER [illegible] 1950, [illegible]

6(b) LABOR, SUPERVISION, CONSULTANTS [illegible]

---

2 Hoist men at [illegible] per hour

[illegible] Shift bosses at $550 per month

[illegible] miners at $15 per shift

6 miners helpers at $14 per shift

[illegible] timbermen at [illegible] per hour

[illegible] Trams and maintenance men at [illegible] per hour

[illegible] timber and hoist orders at $1[illegible] per shift

6 suckers at $14 per day

[illegible] roustabouts at $1[illegible] per day

1 Supervisor at $8[illegible] per month

1 Geologist at $400 per month

[illegible] Accountant and secretary at [illegible] per month

2/20/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

February 13, 1953

MEMORANDUM

To: Operating Committee, DMEA

From: Field Team, Region II

Subject: Docket No. DMEA 2729 (Mercury), R. D. Taft Property, Snohomish County, Washington

Enclosed is a report by Willard P. Puffett, U. S. Geological Survey, and E. A. Magill, U. S. Bureau of Mines, on the subject docket.

The basis for the exploration is the reported occurrence of mercury ore in the bottom of a flooded shaft. Because of the inaccessibility of the shaft, there is no basis for checking the merits of the property and still less for attempting to work out a detailed exploration program.

The Field Team, therefore, is in accord with the examining team's recommendation that the application be denied on the basis of lack of information on which to plan a reasonable exploration program. The applicant, however, should be told that if he unwaters the shaft and can establish the fact that mercury is present in significant quantities the application could be resubmitted.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

Reviewed by
DMEA OPERATING COMMITTEE

2-27-53
(date)

Enclosure
cc: USBM(2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

GCL
3/18/53

February 2, 1953

Memorandum:

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey
E. A. Magill, Engineer, U. S. Bureau of Mines

Subject: Docket No. DMEA-2729 (Mercury), Field Examination, R. D. Taft Property, Snohomish County, Washington

SUMMARY AND RECOMMENDATIONS

The Taft property consists of the Tiemannite and Onofrite mercury claims located within the surveyed townsite of Silverton, Washington. Workings include three adits, an inclined shaft, and some reported drifts off the bottom of the shaft. Two adits are open, the other being caved; the shaft and its workings are flooded. A strong fault has been explored for more than 300 feet in one of the adits but no ore was seen in any of the workings. The most promising occurrence of mercury ore is reported to have been found near the bottom of the shaft. In a letter dated November 8, 1952, Mr. Taft stated he intended to pump the shaft for examination. No further word has been received from him.

It is recommended that Mr. Taft's application be denied. Available information is insufficient to justify an exploration project. There is a good probability that it will be some time before Mr. Taft gets the shaft dewatered. Consequently, the delay will be great and it is recommended the application be denied on presently available evidence. If Mr. Taft later informs the DMEA that the shaft and lower workings are accessible for inspection, another examination can be made, and, if practicable, an exploration program outlined based on evidence found in the shaft.

FIELD EXAMINATION

On October 6, 1952, Willard Puffett, U. S. Geological Survey, and E. A. Magill, U. S. Bureau of Mines, examined the Taft property, in company with Mr. R. D. Taft, applicant. A tape and compass survey was made of the accessible workings. Mr. S. T. McElroy, an elderly resident of Silverton, who was employed in the lower workings of the mine, was queried concerning his recollections

Reviewed by
DMEA OPERATING COMMITTEE

2-27-53
(date)

of the reported mercury occurrence in the shaft. Approximately 6 hours were spent on the examination.

LOCATION

The Taft property is composed of two claims in the southeast portion of the surveyed townsite of Silverton, Snohomish County, Washington. These claims are near the east bank of the South Fork of the Stillaguamish River. State highway 15A parallels the west bank of the river. Access from the highway across the river to the claims is by a narrow footbridge only.

DESCRIPTION OF PROPERTY

Underground workings on the property include three adits and a flooded shaft. Considerable underground workings are reported to have been driven from the lower portions of the shaft. The accompanying map shows the relative locations and extent of the accessible workings.

Surface facilities include three brick mercury retorts and remnants of a 250-ton flotation mill which has burned a few years ago.

GEOLOGY

Rocks exposed in the workings are thinly bedded, brown to green argillites. Some dolomite occurs near the east end of the longer adit but this may represent only a more massive, calcareous member of the argillite series. There are no published reports concerning the geology of the immediate area, but it is believed these argillites represent northwestward extensions of the Old Metamorphic Series of Paleozoic age as mapped by Carrithers1/

1/ Carithers, Ward, and Guard, A. K., Geology and ore deposits of the Sultan Basin, Snohomish County, Washington, Washington Department of Conservation and development, Bull. No. 36, Plate I, 1945.

in the Sultan Basin. Granitic rocks are reported to occur in the lower workings.

A strong shear zone, striking S. 60°-70° E. and dipping 60 to 70 degrees to the south has been explored along the strike for more than 300 feet in one of the adits. Apparently the shaft was sunk on this shear. As exposed in the adit the shear consists of from one to three feet of gouge with occasional subsidiary fault stringers, dipping parallel to the main fault. Some pyrite is scattered throughout the gouge but no other sulphide minerals were seen. Three samples were taken across the main fault structure but none yielded assay results that indicated ore. The location

and assay results of the samples are shown on the accompanying map.

Although no ore is exposed in the fault structure in the adit, there is a possibility that an ore shoot was intersected in the shaft. Mr. S. T. McElroy, resident of Silverton, who worked in the lower workings, stated that at one location in the shaft a rich pocket of native quicksilver was intersected. He could not recall the exact location of this ore shoot.

According to the claim map submitted by the applicant, a great amount of workings have been driven on the Virginia claim. These workings are on the projected eastern extension of the strong fault exposed in the adit on the Onofrite Mercury claim. This suggests that ore shoots do occur on this structure.

PAST PRODUCTION

Little is known concerning the previous mining operations at the property. Mr. Taft supplied the examiners with a list of shipments of concentrates to the Tacoma smelter during 1940 and 1941. According to this list, a total of 151.45 tons of concentrates were shipped that ranged in grade between 8 and 124 ounces of silver per ton. Assay data for gold, copper, lead, zinc, arsenic and nickel were also given, but nothing concerning mercury was listed. These shipments were supposed to have been made by Mine Operators, Incorporated, 322 North Fifth Street, Tacoma, Washington, from ore taken from Mr. Taft's claims. No evidence has been obtained to corroborate this report.

Apparently mercury was produced from the property at one time inasmuch as remnants of three mercury retorts remain on the property. However, these retorts do not show any visable signs of use.

EQUIPMENT AND POWER

There is no usable equipment on the property. All equipment would have to be rented or purchased. Power would have to be furnished by gasoline or diesel-driven units.

In the burned mill there remains a low head pelton wheel, but the cost of rehabilitating the flume to furnish it with water would be excessive for an exploration program.

LABOR

Experienced labor would be a problem of any mining activity within the area. Wages average close to 20 dollars for an 8 hour shift in the logging industry which is the principal activity in the area.

COMPETENCE OF OPERATOR

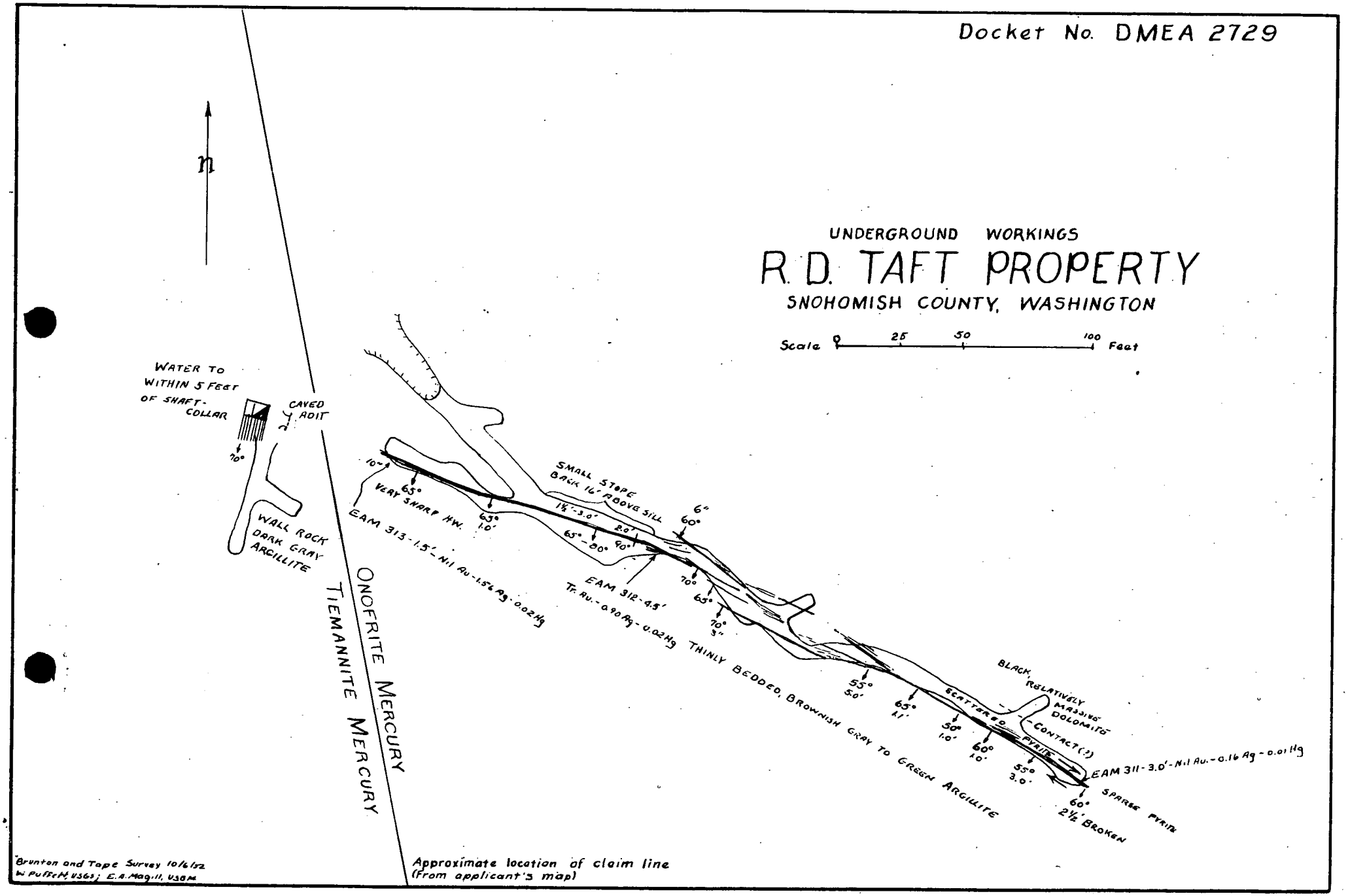
One is not impressed, at least by talking to Mr. Taft, of his ability as a mine operator. During World War II, Mr. Taft received an R.F.C. loan on the Mackinaw Metals mine in Snohomish County. Reportedly the work carried out on this property was not entirely satisfactory.

APPLICANT'S PROPOSAL

The applicant has outlined his proposal in the most general terms. He apparently wants to drive 2750 feet of workings, but it is not stated whether this is to be drifting, sinking, or crosscutting. From evidence available the applicant's proposal is on entirely too grand a scale and as such, should not even be given consideration; but if favorable evidence is found in the unwatered shaft, a much more modest and feasible project might be warranted.

Dist: DMEA-Orig. & 3
USBM (3)
USGS (SRO)
Docket
Puffett

Docket No. DMEA 2729



3-4-53 jm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
FEB 26 1953

February 13, 1953

MEMORANDUM

To: Operating Committee, DMEA

From: Field Team, Region II

Subject: Docket No. DMEA 2729 (Mercury), R. D. Taft Property, Snohomish County, Washington

Enclosed is a report by Willard P. Puffett, U. S. Geological Survey, and E. A. Magill, U. S. Bureau of Mines, on the subject docket.

The basis for the exploration is the reported occurrence of mercury ore in the bottom of a flooded shaft. Because of the inaccessibility of the shaft, there is no basis for checking the merits of the property and still less for attempting to work out a detailed exploration program.

The Field Team, therefore, is in accord with the examining team's recommendation that the application be denied on the basis of lack of information on which to plan a reasonable exploration program. The applicant, however, should be told that if he unwaters the shaft and can establish the fact that mercury is present in significant quantities the application could be resubmitted.

By Field Team, Region II

A. L. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure
cc: USBM(2)
Puffett

Reviewed by
DMEA OPERATING COMMITTEE

(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 - 1953

February 2, 1953

Memorandum:

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey
E. A. Magill, Engineer, U. S. Bureau of Mines

Subject: Docket No. DMEA-2729 (Mercury), Field Examination, R. D. Taft Property, Snohomish County, Washington

SUMMARY AND RECOMMENDATIONS

The Taft property consists of the Tiemannite and Onofrite mercury claims located within the surveyed townsite of Silverton, Washington. Workings include three adits, an inclined shaft, and some reported drifts off the bottom of the shaft. Two adits are open, the other being caved; the shaft and its workings are flooded. A strong fault has been explored for more than 300 feet in one of the adits but no ore was seen in any of the workings. The most promising occurrence of mercury ore is reported to have been found near the bottom of the shaft. In a letter dated November 3, 1952, Mr. Taft stated he intended to pump the shaft for examination. No further word has been received from him.

It is recommended that Mr. Taft's application be denied. Available information is insufficient to justify an exploration project. There is a good probability that it will be some time before Mr. Taft gets the shaft dewatered. Consequently, the delay will be great and it is recommended the application be denied on presently available evidence. If Mr. Taft later informs the DMEA that the shaft and lower workings are accessible for inspection, another examination can be made, and, if practicable, an exploration program outlined based on evidence found in the shaft.

FIELD EXAMINATION

On October 6, 1952, Willard Puffett, U. S. Geological Survey, and E. A. Magill, U. S. Bureau of Mines, examined the Taft property, in company with Mr. R. D. Taft, applicant. A tape and compass survey was made of the accessible workings. Mr. S. T. Hedlroy, an elderly resident of Silverton, who was employed in the lower workings of the mine, was queried concerning his recollections

Reviewed by
DMEA OPERATING COMMITTEE

(date)

of the reported mercury occurrence in the shaft. Approximately 6 hours were spent on the examination.

LOCATION

The Taft property is composed of two claims in the southeast portion of the surveyed townsite of Silverton, Snohomish County, Washington. These claims are near the east bank of the South Fork of the Stillaguamish River. State highway 15A parallels the west bank of the river. Access from the highway across the river to the claims is by a narrow footbridge only.

DESCRIPTION OF PROPERTY

Underground workings on the property include three adits and a flooded shaft. Considerable underground workings are reported to have been driven from the lower portions of the shaft. The accompanying map shows the relative locations and extent of the accessible workings.

Surface facilities include three brick mercury retorts and remnants of a 250-ton flotation mill which has burned a few years ago.

GEOLOGY

Rocks exposed in the workings are thinly bedded, brown to green argillites. Some dolomite occurs near the east end of the longer adit but this may represent only a more massive, calcareous member of the argillite series. There are no published reports concerning the geology of the immediate area, but it is believed these argillites represent northwestward extensions of the Old Metamorphic Series of Paleozoic age as mapped by Carrithers1/

1/ Carithers, Ward, and Guard, A. K., Geology and ore deposits of the Sultan Basin, Snohomish County, Washington, Washington Department of Conservation and development, Bull. No. 36, Plate I, 1945.

in the Sultan Basin. Granitic rocks are reported to occur in the lower workings.

A strong shear zone, striking S. 60°-70° E. and dipping 60 to 70 degrees to the south has been explored along the strike for more than 300 feet in one of the adits. Apparently the shaft was sunk on this shear. As exposed in the adit the shear consists of from one to three feet of gouge with occasional subsidiary fault stringers, dipping parallel to the main fault. Some pyrite is scattered throughout the gouge but no other sulphide minerals were seen. Three samples were taken across the main fault structure but none yielded assay results that indicated ore. The location

and assay results of the samples are shown on the accompanying map.

Although no ore is exposed in the fault structure in the adit, there is a possibility that an ore shoot was intersected in the shaft. Mr. S. T. McElroy, resident of Silverton, who worked in the lower workings, stated that at one location in the shaft a rich pocket of native quicksilver was intersected. He could not recall the exact location of this ore shoot.

According to the claim map submitted by the applicant, a great amount of workings have been driven on the Virginia claim. These workings are on the projected eastern extension of the strong fault exposed in the adit on the Onofrite Mercury claim. This suggests that ore shoots do occur on this structure.

PAST PRODUCTION

Little is known concerning the previous mining operations at the property. Mr. Taft supplied the examiners with a list of shipments of concentrates to the Tacoma smelter during 1940 and 1941. According to this list, a total of 151.45 tons of concentrates were shipped that ranged in grade between 8 and 124 ounces of silver per ton. Assay data for gold, copper, lead, zinc, arsenic and nickel were also given, but nothing concerning mercury was listed. These shipments were supposed to have been made by Mine Operators, Incorporated, 322 North Fifth Street, Tacoma, Washington, from ore taken from Mr. Taft's claims. No evidence has been obtained to corroborate this report.

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EQUIPMENT AND POWER

There is no usable equipment on the property. All equipment would have to be rented or purchased. Power would have to be furnished by gasoline or diesel-driven units.

In the burned mill there remains a low head pelton wheel, but the cost of rehabilitating the flume to furnish it with water would be excessive for an exploration program.

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Experienced labor would be a problem of any mining activity within the area. Wages average close to 20 dollars for an 8 hour shift in the logging industry which is the principal activity in the area.

COMPETENCE OF OPERATOR

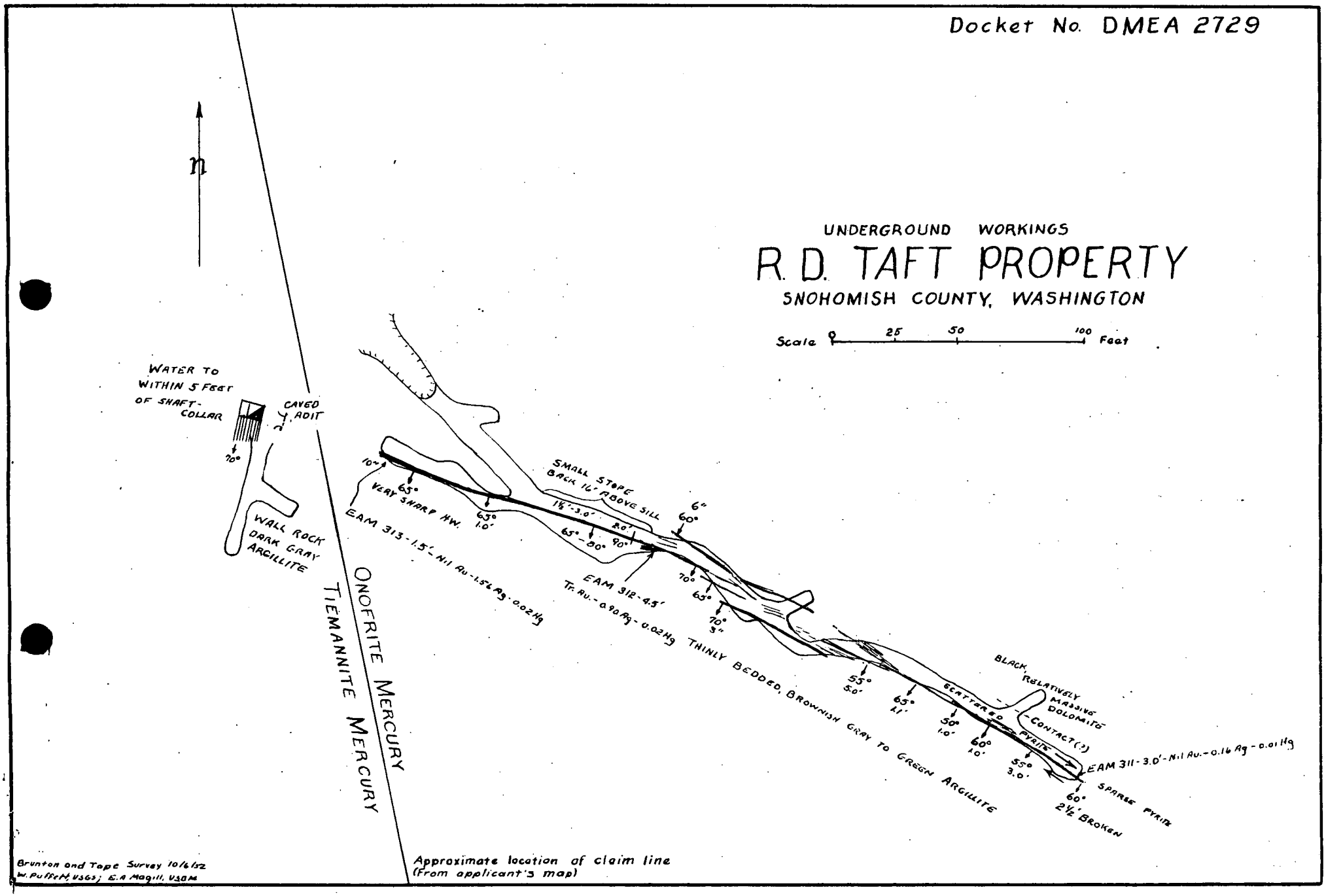
One is not impressed, at least by talking to Mr. Taft, of his ability as a mine operator. During World War II, Mr. Taft received an R.F.C. loan on the Mackinaw Metals mine in Snohomish County. Reportedly the work carried out on this property was not entirely satisfactory.

APPLICANT'S PROPOSAL

The applicant has outlined his proposal in the most general terms. He apparently wants to drive 2750 feet of workings, but it is not stated whether this is to be drifting, sinking, or crosscutting. From evidence available the applicant's proposal is on entirely too grand a scale and as such, should not even be given consideration; but if favorable evidence is found in the unwatered shaft, a much more modest and feasible project might be warranted.

Dist: IMEA-Orig. & 3
USBM (3)
USGS (SRO)
Docket
Puffett

Docket No. DMEA 2729



FILE COPY
SURNAME:
Schmidt

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

NOV 18 1952

Mr. Ronald [illegible] Kefi
[illegible] Hall
Everett, Washington

Re: Docket No. [illegible]-2779 (Mercury)
Cinnabar and incandescent mercury claims
Snohomish County, Washington

Dear Mr. Kefi:

This will acknowledge your letter of November 8, 1952, addressed to Mr. Robert [illegible] Adams, Chief, Operation Control and Statistics Division, which has been referred to this Division for your information.

Reference is made to your letter in reply dated in response to a letter written to you under date of October 27, 1952, by Mr. Allard R. Hoffman, acting for the Executive Officer of our Region II Office in Portland, Oregon, we are herewith ruling a copy of your letter to that office in order that they may be in a position to answer your inquiry.

Please advise Mr. [illegible] Hirschhorn, Executive Officer, Mine Field Team, Region II, [illegible] Broadway Street, Portland 8, Oregon, as per his letter to you of October 27, 1952.

Sincerely yours,

Signed

A.H. 11-18-52

Robert [illegible] Allin, Chief
Pare [illegible] Inc. Metals Division

Schmidt/jem
11-17-52
cc to: Adm. Reading File
Docket
Messrs. H.M.Meyer-Rm.2623
R.T.McKnight-Rm. 5214 GAO
Ellis Schmidt
Field Team, Reg. II (2) w/c incoming letter

Lombard Hall,
Everett, Wash.
Nov.8,52.

D.M.E.A.2729

Mr. Robert E. Adams,
Chief, Operation Control and Statistics Division,
So. 157 Howard Street.,
Spokane, Wash.

Dear Mr. Adams:

It will be convient for me to pump out the shaft for examination it takes about three days to drain the workings However I will delay that operation until after I return from Washington, D. C.

As soon as it is open I will notify your office.

On account the serious illness of my Mother my trip to Washington, D. C. will be delayed.

There is about fifty feet of debree that will have to be removed before the bottom of the incline can be inspected.

Yours truly,

/s/ R. D. Taft.
R.D.Taft,

c
o
p
y

Lombard Hall,
Everett, Wash.
Nov.8,52.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 14 1952

D.M.E.A.2729.

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Chief, Operation Control and Statistics Division,
So. 157 Howard St.,
Spokane Wash.

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Yours truly,

R.D.Taft,

11/6/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 1, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 3 1952

October 28, 1952

Mr. Ronald D. Taft
Lombard Hall
Everett, Washington

Re: Docket No. DMEA-2729 - Mercury
Tiemannite and Onofrite Claims
Snohomish County, Washington

Dear Mr. Taft:

Information obtained from the recent examination by our field men of the property on which you have applied for DMEA assistance has shown the location of the reportedly mercury-bearing vein to be near the bottom of a now-flooded shaft. Very little evidence was found in accessible workings on which the examiners could base a favorable recommendation concerning the possibilities of your property as a mercury producer.

It will be necessary that the shaft be pumped clear of water to allow examiners to inspect the locations from where mercury was reportedly produced. Under the present circumstances there is no justification for the government to participate in this pumping and consequently if the shaft is pumped, you will have to assume all costs of the operation.

Whether or not the shaft is pumped is entirely up to you. If the shaft isn't pumped, we'll submit a recommendation based on present findings as a result of the completed examination. If you do desire to pump the shaft, notify this office when you anticipate the shaft will be accessible for inspection, and we'll arrange to have men available to make this examination.

If you do not desire to pump the shaft, please notify this office and we will proceed with the final processing of your application.

Yours very truly

Willard P. Puffett
for: A. E. Meissenhorn,
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (2)
USBM (2)
Puffett
Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 1, Washington

Department of the Interior
Defense Minerals Administration
Spokane

NOV 5 1952

October 23, 1952

Mr. Donald J. Taft
Lombard Mall
Everett, Washington

Re: Docket No. DMA-2727 - Mercury
Tiemannite and Onofrite Claims
Snohomish County, Washington

Dear Mr. Taft:

Information obtained from the recent examination by our field men of the property on which you have applied for DMA assistance has shown the location of the reportedly mercury-bearing vein to be near the bottom of a now-flooded shaft. Very little evidence was found in accessible workings on which the examiners could base a favorable recommendation concerning the possibilities of your property as a mercury producer.

It will be necessary that the shaft be pumped clear of water to allow examiners to inspect the locations from where mercury was reportedly produced. Under the present circumstances there is no justification for the Government to participate in this mapping and consequently if the shaft is pumped, you will have to assume all costs of the operation.

Whether or not the shaft is pumped is entirely up to you. If the shaft isn't pumped, we'll submit a recommendation based on present findings as a result of the completed examination. If you do desire to pump the shaft, notify this office when you anticipate the shaft will be accessible for inspection, and we'll arrange to have men available to make this examination.

If you do not desire to pump the shaft, please notify this office and we will proceed with the final processing of your application.

Yours very truly

Willard P. Puffett
for: A. D. Wolfenbarger,
Executive Officer, DMA
Field Team, Region III

cc: DMA (2)
USGS (2)
Puffett
Docket

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

October 14, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: E. L. Newcomb

Subject: Review of application

Re: DMEA-2729
Onofrite and Tiemannite Claims
Snohomish County, Washington
$413,121
Mercury

The applicant requests Government assistance to further explore his claims by driving 2750 feet of underground workings.

The field team states that the applicant will be contacted and a field examination of the property will be made.

We are returning the attached application to your office, but will further review the applicant's proposal after we receive the field team's report.

E. L. Newcomb

E. L. Newcomb
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

October 14, 1952

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From: E. L. Newcomb

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E. L. Newcomb
Geologist

October 6, 1952

Mr. Ronald D. Taft
Silverton Star Route
Robe, Washington

Subject: DMEA-2729
Re: Exploration Assistance
Onofrite & Tiemannite Mercury Claims

My dear Mr. Taft:

The receipt of your application dated September 8, 1952 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2729 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2729 in any future correspondence relating to your application.

Sincerely yours,

R. E. ADAMS
Robert E. Adams
Chief, Operation Control
and Statistics Division

25451

October 6, 1952

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation Control & Statistics Division

Subject: Assignment of Docket Number

Listed below you will find the assigned docket number to an application recently submitted from Region II.

DMEA-2729 - Ronald D. Taft

R. E. ADAMS

Robert E. Adams
Chief, Operation Control
and Statistics Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

September 29, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Dear Mr. Johnson:

Enclosed are the original and two copies of an application for an exploration loan presented by Ronald D. Taft, Silverton Star Route, Robe, Washington. Mr. Taft indicates that if a contract is approved, he will buy the property and be the sole owner; an Owner's Consent to Lien would not be required.

Since we have a geologist in the area at the moment Mr. Taft will be contacted and an examination of the property will be made.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)
W. Puffett

MF-103
(Revised April 1952)

RECEIVED
SEP 18 1952
U. S. G. S.
SPOKANE, WASH.

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. dmea 2729
Metal or Mineral
Date Received 10-6-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Ronald D. Taft
Silverton Star Route, Robe~~r~~, Washington

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract T 30 N, R 10 E, Sec. 19, Snohomish County, State of Washington.

Mines Page # 617 Vol. 41 Onofrite Mercury, Claim,
Mines " # 198 " 40 Tiemannite Mercury Claim.

(*b*) State any mine name by which the property is known. Onofrite and Tiemannite Mercury Claims.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Purchaser under contract.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it No liens. Balance due on the contract $4,000.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) St[illegible]he mineral or minerals for which you wish [illegible]xplore Mercury.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 25 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[x] Money [x] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated September 8, 2, 195__

(Applicant)

By

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

MF-105 UNITED [redacted] DEPARTMENT OF THE INTERIOR [redacted]
DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN MINE EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED.

COSTS OF PROGRAM FOR EXPLORATION FOR MERCURY DEPOSIT

	Amount
2750 ft. of timbering incline. Labor and material @ $18	55,000
27,500 ft. rails and ties. Labor and material @ $2.50	6,875
27,500 ft. man-way, ladders, Labor and material @ $1.50	4,125
27,500 ft. 14" air ventilator line. Labor & material @ $2.50	8,875
Installing electric wiring 27,500 ft. @ 50¢	1,375
Installing communication system 27,500 ft. @ 50¢	1,375
2,750 ft. sinking incline. Labor and hoisting, drills, and bits @ $60	165,000
Hoist house, change room. Labor & materials	1,200.00
Erecting triple. Labor and material	2,500
Mining machinery, cars, jumbo, loader, hoist, air compressor, power plant, small tools and equipment	145,865
2,750 ft. of 6" air line @ $1.50	4,125
2,750 ft. 1" water line @ 60¢	1,650
Total.....	$375,565
10% for increased costs	37,556.
Grand total.....	$413,121.

Supervision, geology, and assaying not included in mining costs.

MF-103 UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED.

4. Physical description

(a) Enclosed is engineer's detailed map of workings. Exploration work done in 1900 included an incline to the depth of 250 ft. which is now full of water. Engineer's report of 1914 is as follows:

"The Tiemannite-Onofrite Mercury Lode averages 6 ft. in width between free walls of metamorphic slate, on the 200 ft. level. The lode was 5 ft. 2 in. wide between the walls, near the surface. The hanging wall is well permeated with sulphurets as well as the fulcan on the walls, and the foot walls also has a blackish, clayey gouge, about 1/2 inch thick. These typical characteristics of the lode are well understood by mining geologists to indicate extensive movements at one time, and that the lode was filled by the volatilization of metalliferous minerals derived from immense subterranean fountains, near the primary stratum or molten interior of the earth, and not from the lateral sections, hence showing unmistakable evidence of continuity and great depth." (Signed by O. Robert Dahl, Economic Geologist and Engineer)

By continuing this exploration program 2,750 ft. we should have conclusive evidence of a mining operation.

The incline is located 1200 ft. from the South Fork of the Stillaguamish river and a good highway, which would necessitate crossing the river with equipment, supplies and material.

(b) No past or present production.

At bottom of incline assays made in 1914 showed 7% native quick silver.

(c) See (a) above and enclosed map.
I wish to explore to prove the feasibility of mining operation producing mercury.

(d) 1200 ft from main highway. Located within the surveys location of the townsite of Silverton, Washington, and 24 miles from Hartford, the loading point of the Northern Pacific Railway.

(e) Materials: Timber available on mining claims; abundance of water for all mining purposes.

Manpower: Also available.

APPLICATION FOR ALL IN [illegible] PROJECT, PURSUANT TO [illegible] ORDER 1, UNDER THE STRATEGIC PRODUCTION ACT of 1939, AS AMENDED.

5. The exploration project.

(b) See 4(a)

(d) For the last 15 years I have been building roads and developing mineral reserves in this district. I will personally supervise the operation. I am an appointed government supervisor of mining operations, and this appointment made in June 1940 by E. F. Erick, Government Supervisor, has not been cancelled. In addition, I will have a graduate geologist making maps and testing the progress of operation.

6. Estimate of Costs. (See attached

(a) No contracts.

(b) Labor, supervision, consultants.

(See attached statement)	Supervisor	[illegible]00 per month
	Geologist	400 " "
	Miners	15 for 8-hr shift
	Laborers	14 per shift
	Shift bosses	[illegible]50 per month
	Accountant	[illegible]00 per month

These figures correct unless an additional raise has been granted.

(c) See Cost of Program for Exploration

(d) ditto

(e) "

(f) "

(g) "

(h) "

7. (a) Are you prepared to furnish your share of cost: Yes

(b) Money. Also use of equipment. All power could be furnished by rehabilitating present power equipment. The cost of same could be applied as rental on power equipment on a pro-rata basis during the exploration of project.

MF-105 UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

APPLICATION FOR AID IN MINERALS PROJECT, PURSUANT TO ARTICLE 1,
UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

6(b) LABOR, SUPERVISION, CONSULTANT COSTS

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3 Hoist men at [illegible] per hour

2 Shift bosses at $350 per month

2 miners at $15 per shift

8 miners helpers at $14 per shift

2 timbermen at [illegible] per hour

3 Track and maintenance men at [illegible] per hour

2 timber men helpers at $14 per shift

3 muckers at $14 per day

2 roustabouts at $14 per day

1 Supervisor at $600 per month

1 Geologist at $400 per month

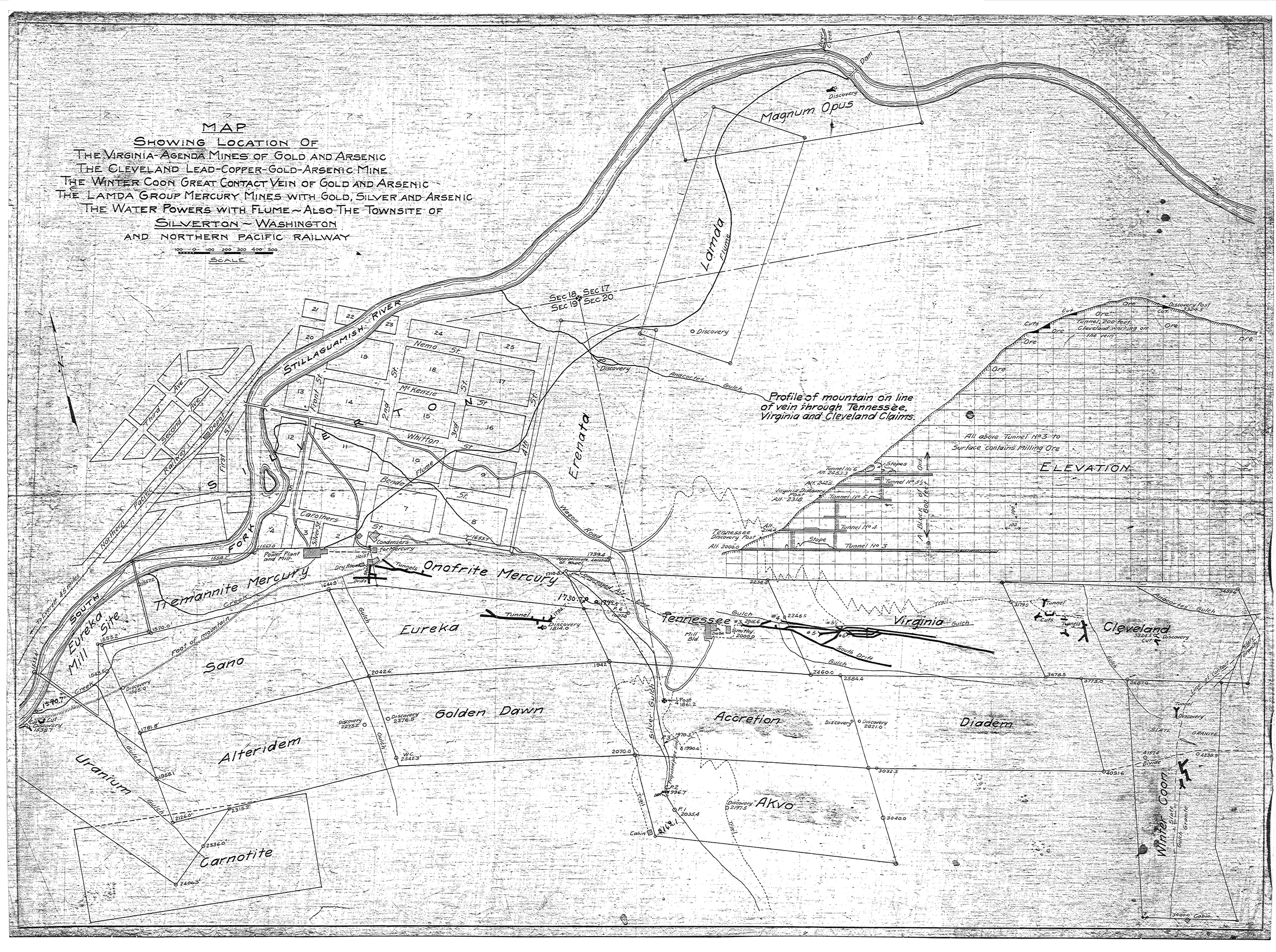
1 Accountant and secretary at $[illegible] per month

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE $300
(PMGC)

Mr. Jay L. Chambers, Chief
~~Contract Administration & Audit Division~~
~~Defense Minerals Exploration Administration~~
~~Interior Building~~
~~Washington 25, D. C.~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICIAL BUSINESS

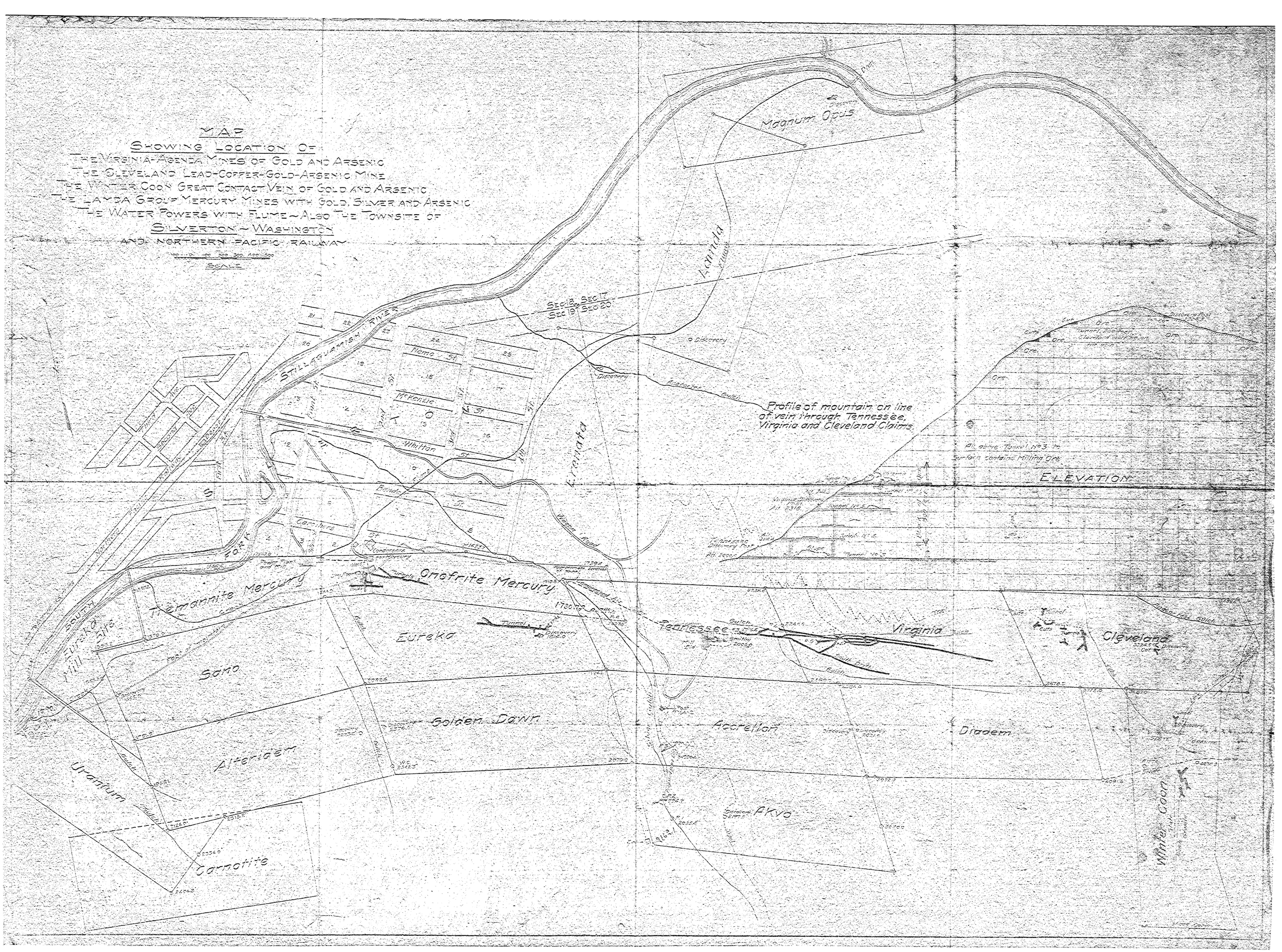

MAP
SHOWING LOCATION OF
THE VIRGINIA-AGENDA MINES OF GOLD AND ARSENIC
THE CLEVELAND LEAD-COPPER-GOLD-ARSENIC MINE
THE WINTER COON GREAT CONTACT VEIN OF GOLD AND ARSENIC
THE LAMDA GROUP MERCURY MINES WITH GOLD, SILVER AND ARSENIC
THE WATER POWERS WITH FLUME ~ ALSO THE TOWNSITE OF
SILVERTON ~ WASHINGTON
AND NORTHERN PACIFIC RAILWAY
SCALE
Magnum Opus
Dam
Discovery
Lamda
Flume
SEC 18 SEC 17
SEC 19 SEC 20
STILLAGUAMISH RIVER
Nemo St.
Mc Kenzie St.
Whiffon St.
Bender St.
Carothers St.
Front St.
First St.
Second Ave.
Third Ave.
Depot St.
Silver St.
Northern Pacific Railway
Erenata
Wagon Road
Flume
Condensers
For Mercury
Hoist
Dry Room
Drift
Tunnels
Power Plant and Mill
Onofrite Mercury
Tremannite Mercury
Eureka Mill Site
South Fork
To Everett 45 miles
Foot of mountain
Eureka
Sano
Golden Dawn
Alteridem
Uranium
Carnotite
Tennessee
Mill Bld.
Smithy
Virginia
Cleveland
Accretion
Diadem
Akvo
Winter Coon
Anacortes Gulch
Silver Gulch
Trail
Cabin
Profile of mountain on line of vein through Tennessee, Virginia and Cleveland Claims.
All above Tunnel No 3 to Surface contains Milling Ore
ELEVATION
Tunnel No 6
Alt. 2453.3
Tunnel No 5½
Tunnel No 5
Virginia Discovery Post
Alt. 2318
Tunnel No 4
Tennessee Discovery Post
Alt. 2000.0
Tunnel No 3
Stopes
Slope
Block of 600 feet
Discovery Post
Tunnel, 200 feet Cleveland working on the vein
Cuts
Ore
Line of contact
Slate
Granite
Divide

MAP

SHOWING LOCATION OF

THE VIRGINIA-AGENDA MINES OF GOLD AND ARSENIC
THE CLEVELAND LEAD-COPPER-GOLD-ARSENIC MINE
THE WINTER COON GREAT CONTACT VEIN OF GOLD AND ARSENIC
THE LAMBDA GROUP MERCURY MINES WITH GOLD, SILVER AND ARSENIC
THE WATER POWERS WITH FLUME ~ ALSO THE TOWNSITE OF

SILVERTON ~ WASHINGTON

AND NORTHERN PACIFIC RAILWAY

100 0 100 200 300 400 500
SCALE