DMEA Form 9
(Rev. 5/57)

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E No.____

DMEA NO. 4757

Application (Denied ✓
(~~Withdrawn~~
(After disposition, delete items not applicable)

Contract
(Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

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

Folder No. 1:

Left Side

Royalty Audits 1/
Certification of Discovery
Cost Audits 2/
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
✓ Application and attachments
Envelope for maps

Right Side

Project summary
Work completed analysis
All other material filed in chronological order including the following reports if checked:

Field Team Semi-Annual 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
✓ On-site Exam Report (Tab)
Settlement Sheets
Drill Logs

Additional Folders:

Left Side

Folder No.____:
Analysis of Semi-Annual Inspection Reports
Interim Summary Reports by DMEA Engineers

Right Side

Field Team Semi-Annual Report for Certified Project
Field Team Interim Reports
Operator's Monthly Report with transmittal, narrative, maps.

Folder No.____: Maps (Use pocket folder or envelope.)

Folder No.____: Settlement Sheets

Folder No.____: Drill Logs

Folder No.____: Royalty material

1/ Or reports of royalty review
2/ Or cost reports of review

16592

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 7 1957

DATE	INITIALS	CODE

June 4, 1957

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Transmittal of new application (Mercury)
Platner Mining Corporation
Platner Mine
Crook County, Oregon

Dear Mr. Selfridge:

Enclosed are three copies of an application received from William J. Holly, president of the above-mentioned company, of 366 So. 79th Street, Springfield, Oregon.

In the latter part of 1951, Mr. Owen Pigmon made application to explore this same property, was given a contract (Idm-E230, Docket No. DMEA-2222) which was later rescinded in April 1952.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team Region I, NW Dist.

Enclosures as above

cc: USBM (2)
Geologist

Platner Mining Corporation
William J. Holly, President
366 So. 79th St.
Springfield, Oregon

May 29, 1957

Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Sirs:

Herewith is an application for aid in an exploration project, pursuant to DMEA order 1, under the defense production act of 1950, as amended.

The application comprises: (1) filled-in regulation form MF - 103 with 3 attached sheets. (2) 1 map of mining claims which show location where work will be done.

Other information will be furnished at your request. Personal conference can be arranged if you so desire.

Very truly yours,

William J. Holly

William J. Holly

RECEIVED
JUN 3 1957
U. S. G. S.
SPOKANE, WASH.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JUN 3 1957
U. S. G. S.
SPOKANE, WASH.

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. 4757
Metal or Mineral Mercury
Date Received 6-7-57
Estimated Cost $4,760
Participation (Government %)

RECEIVED JUN 7 1957 D.M.E.A.

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: Platner Mining Corporation
William J. Holly, President
366 S.E. 79th St. (See page 1 attached)
Springfield, Oregon

(*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

See page 1 attached

(*b*) State any mine name by which the property is known. Platner

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

(*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 none

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See 3. (a) above.

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*) State the mineral or minerals for which you wish to 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 6 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)? yes

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

[X] Money [ ] 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 May 29, 1957

Platner Mining Corp
(Applicant)

By William J. Platner Pres

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

FORM MF - 103

Platner Mining Corporation
William J. Holly, President
366 So. 79th St.
Springfield, Oregon

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DMEA
RECEIVED JUN 7
DATE | INITIALS | CODE

1. Name of applicant:

(b) The Platner Mining Corporation is incorporated under the laws of the State of Oregon.

(c) President and general manager - William J. Holly
366 So. 79th St., Springfield, Oregon
Vice-president - Mrs. Leah A. Thompson
1558 East 3rd St., Bend, Oregon
Secretary-treasurer - Mrs. William J. Holly
366 So. 79th St., Springfield, Oregon.

3. Applicant's property rights:

(a) Pedro, Book 4 page 534
Solo, Book 4 page 535
Surething, Book 4 page 559
Jawbone, Book 5 page 68
Castle, Book 4 page 537
Hard Rock, Book 4 page 633
These claims are located in the Bear Creek Mining district.
Recorded in the Crook County Courthouse, Prineville, Oregon.

4. Physical Description:

(a) In the past 25 years there has been over 1,100 feet of tunnel driven in this property which makes the property accessible at 3 different levels. There are also several open cuts. (see maps attached.) All are accessible. Caution is necessary in some places.

A ten ton rotary furnace was operated on this property by 3 different partys--the first in 1940. The last in 1954 and 55 was attempted by the Platner Mining Corporation, at which time this writer was a minority stock holder. Since that time he has acquired voting rights of the majority of the stock, some of which he is buying on contract. The corporation has a 10 x 20 crusher, ore car and miscellaneous equipment.

(b) According to Mrs. Thompson, a royalty was payed to her on 58 flasks by the first operator in about 1940 and 41. Two D tubes also were used and some 2 or 3 flasks were obtained by them. Another party used the same furnace as first in about 1951. They did not know how to get mercury from spot so was hauled to Portland for processing, so we have no record of what they obtained. Some workmen think about 10 flasks. The next and last was attempted by the Platner Mining Corporation in 1954 and 55. The corporation sold approximately 8 flasks which was remarkable considering the plant. The condenser system was inadequate, the kiln was fired backward and numerous other things. Therefor, there is good ore to be found in the burnt rock pile, mercury at the condenser discharge and this writer has since gathered up

Platner Mining Corporation
William J. Holly, President
366 So. 79th St.
Springfield, Oregon

4. Physical Description (continued):

between $300 and $400 worth of mercury mostly from the mud thrown away after hoeing.

There is approximately 50 tons of mined ore which is possibly of 3 to 4 lb. grade.

(c) The country rock appears to be an andesite. A fault runs west of north and silicification of the country rock along its course makes it stand out as the ridge of a long low hill. (see attached map.) Mineralization occurs along this fault and cross fractures. We feel that with the ore showing on this property it warrants additional exploration in area described below.

(d) The mine is 31 miles south of Prineville, Oregon and reached via state highway 27. The mine is less than one mile to west of this highway. The road can easily be kept open the year around. There are livable cabins at the mine and roads are already to the proposed project.

(e) There are at least two good springs on the property, enough for camp and a plant. Man power, materials and supplies can be had either through Prineville, 31 mi., or Bend, 50 mi.

5. The exploration project:

(b) Our proposed exploration work is to extend an existing tunnel at two locations. First, to extend southeast end of tunnel so as to cross cut vein that is exposed on surface and to drift both ways on this vein. We believe a total of 35' will be ample here. Second, to extend drift southerly along fault wall under known outcrops along fault exposed at surface. 100' of drift is needed here. (see maps.)

This project is laid out to help determine source and character of mineralization. Some of the richest outcrops are on the veins leading from the main fault to the southeast. But none of these have been explored to any depth. By an analysis of the mineralization along these two drifts, we hope to determine if the ascending solutions were rising along the main fault wall or rising in the fractures from the southeast and feeding into the main fault from them.

(d) The general manager of the Platner mine has been in the building business for the last 11 years. During this time, he has gained experience with mining in Nevada, where he had interest in a tungsten mine at Getchell, northeast of Winnemucca. This was both an open pit and underground operation. This operation also gave him an opportunity to become acquainted with miners that he hopes to get to do this proposed work. Although the manager does not claim to be an experienced miner, he feels that with his business training in the building field and experience with mining, he can see

Platner Mining Corporation
William J. Holly, President
366 So. 79th St.
Springfield, Oregon

5. The exploration project (continued):
that this project is well done. He also has built a 6 ton rotary kiln as a pilot plant to experiment with feeds, burners, fuels, drafts and dondensers, to acquaint himself with the problems of a mercury plant. It has already been used successfully, although not yet completely finished.

6. Estimate of cost:

(a) It is estimated that drifting can be contracted for $30.00 per lineal foot in this locality.

135 ft of drift at $30.00.....$4,050.00

Costs preparatory to begin drifting:

1. Retimbering portal and cleaning up old drift.....$200.00
2. 300 ft. of 12 lb. steel track, plates, spikes, and ties.....$360.00
3. Labor for laying rails, etc.....$150.00

Total estimate of exploration project.....$4,760.00

Engineers report only if demanded by government.....??

It is desired to work out drifting cost on unit basis with the government.

7. (b) Funds are to be furnished by the stockholders.

DMEA Form 7
(12-56)

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Date	Surname	Code
9-4	Hopkins	400
9-4	Martin	400
9/9	Renick	130
9/9	Selfridge	130
9/9	Kiilsgaard	130
		110
		100
9/9	G	220
		225

SEP 9 1957

Mr. William J. Holly, President
Platner Mining Corporation
366 South 79th Street
Springfield, Oregon

Re: Docket No. DMEA 4757 - Mercury
Platner mine
Crook County, Oregon

Dear Mr. Holly:

Your application for aid for an exploration project and other data available to us in Washington relative to the above-named property have been carefully reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information indicates that although mercury mineralization occurs on the property, the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

Your interest in the Defense Minerals Exploration Administration program is greatly appreciated. Thank you for bringing this property to our attention.

Sincerely yours,

Frank E. Johnson
(Copy)
ACTING Administrator

JHopkins/dlm 9-4-57
cc to: Code 400
Admr. R. File
FT. REG. I
Messrs. J. W. Pennington, USBM
T. H. Kiilsgaard, USGS
Oper. Comm.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9-5	Hopkins	400
9-5	Martin	400
		140

September 5, 1957

MEMORANDUM:

To: Administrator

From: Division of Iron and Ferro-Alloys

Subject: Denial of subject application for exploration assistance in the amount of $4,760.00
Docket No. DMEA 4757 - Mercury
Platner Mining Corporation
Platner Mine
Crook County, Oregon

Denial of the subject application is recommended by this Division based on the following information:

The Applicant, Platner Mining Corporation, requested exploration assistance in the amount of $4,760.00 on May 29, 1957 for rehabilitating an old drift and driving it an additional 135 feet. A field examination of the property was made by E. W. Parsons, Bureau of Mines, and Howard F. Albee, Geological Survey accompanied by W. J. Holly, the president of Platner Mining Company.

Applicant: Platner Mining Corporation
William J. Holly, President and General Manager, 366 S. 79th St., Springfield, Ore.
Mrs. Leah A. Thompson, Vice-President
1553 East 3rd St., Bend, Oregon
Mrs. William J. Holly, Secretary - Treasurer
366 South 79th St., Springfield, Oregon

Property Ownership: The property consists of 6 unpatented claims recorded as follows in Recorder's Office, Prineville, Oregon, Crook County Courthouse:

Name	Book	Page
Pedro	4	534
Solo	4	535
Surething	4	559
Jawbone	5	68
Castle	4	537
Hardrock	4	533

Geology: The property straddles a long, fairly steep-sided ridge which is an erosional feature caused by weathering along a silicified fracture zone.

The property is underlain by flows of Tertiary andesite and porphyritic andesit locally interbedded with small lenses of tuff.

8623

A quartz-carbonate vein, consisting of numerous reticulating veinlets of quartz and calcite, cuts these rocks. A faulted and sheared zone, striking about N. 8°W., along which silicification has occurred, forms the vein structure.

The vein ranges from a foot up to 10 feet in width, but the silicified zone is as much as 25 feet wide.

Accompanying the quartz are much chalcedony, opal, considerable kaolin, and probably other clay minerals. Cinnabar and pyrite are common in the veinlets.

Workings and
Production:

There are two principal adits, as well as four others, numerous pits and a number of bulldozer cuts accessible. There are 1,100 feet of underground workings. Reported production has been about 80 flasks, 58 of which were produced in 1940 and 1941.

There is no record of grade or quantity of ore treated.

Ore Values
and Tonnage:

Nineteen samples were taken. They ranged in contained mercury from nil to a maximum of 6.61 pounds per ton with an average of 1.85 pounds.

There is no reserve of the 6 pound plus rock. The remaining samples indicate that the mercury content decreases with depth.

Conclusions
and
Recommendations:

The Field Team concludes that the tenor of the vein appears to decrease with depth, and even the better grade rock is not ore grade for a small operation. At the present price of mercury (about $3.40 per pound) the average value per ton of the rock is about $6.00, far below that necessary for a successful operation. The property, therefore, does not offer a target potentially capable of producing either the grade or tonnage required for even a small-scale operation. They, therefore, recommend that the application be denied.

The Commodity Divisions of the Geological Survey and Bureau of Mines concur in the denial.

W S Martin
W. S. Martin, Director
Division of Iron and Ferro-Alloys

IN REPLY REFER TO:

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

Memorandum

August 30, 1957

To: W. S. Martin, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4757 (mercury), Platner Mining Corp., Platner mine, Crook County, Oregon.

The field examiners report that conditions are not good on the applicant's property for the presence of important, undiscovered mercury ore deposits. The main bad features are that the grade and amount of ore appear to decrease with depth; the best 'ore' found on the property was below economic grade; and a faulted and sheared zone that forms the ore host presents such a small and erratic target that the chance of making a worthwhile discovery is slight.

I agree with the examining team's recommendation for denial of the application on the grounds that success is not likely to result from the work.

W. P. Williams

W. P. Williams

9/3 @ 220
9/3 NSAY 400

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

August 22, 1957

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: Assistant Chief, Branch of Base Metals

Subject: Review of Field Team examination report, Docket No. DMEA 4757 (mercury), Platner Mining Corp., Platner Mine, Crook County, Oregon. $4,760.00

The applicant proposed to explore for mercury mineralization by 135 feet of drifting and crosscutting, including miscellaneous rehabilitation of old workings, at an estimated total cost of $4,760.00.

Following an examination of the property, the Field Team concluded that mercury mineralization was weak and there were no indications of stronger or more extensive mineralization with depth. In accordance with these conclusions, the Field Team recommends that the application be denied.

I concur with the recommendation.

J. W. Pennington

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. D. Lamb
Files

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DATE	INITIALS	CODE
8/23	G	220
8/23	WSM	400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

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DATE	INITIALS	CODE
8/19	Ø	220
		130
8/21	Ø	220
8/21	WSM	400

August 13, 1957

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4757 (Mercury)
Platner Mining Corporation
Platner mine
Crook County, Oregon

Dear Mr. Selfridge:

Enclosed are three copies of an examination report on the above referenced property by E. W. Parsons, Mining Engineer, U. S. Bureau of Mines, and Howard F. Albee, Geologist, U. S. Geological Survey.

Although small quantities of cinnabar were found in some of the outcrops and workings, in many cases the showings were little more than traces, and no material of minable grade was seen. Reported production during the past 25 years has been about 80 flasks of mercury, of which 58 flasks were produced in 1940 and 1941.

Parsons and Albee conclude that the grade of the ore appears to decrease with depth, that the best material has an average value of about $6 per ton, and that no target potentially capable of producing material of ore grade in significant amounts is indicated. They therefore recommend that the application be denied.

We concur with this recommendation.

By Field Team, Region I

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures

cc: USBM (2)
Albee
USGS (SRO)

Reviewed by
DMEA OPERATING COMMITTEE
8-21-57
(date)

DM-5 Reports

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DMEA
RECEIVED AUG 19 1957

DATE	INITIALS	CODE
		130

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

July 31, 1957

MEMORANDUM

To: DMEA Field Team, Region I

From: E. W. Parsons, Mining Engineer, U. S. Bureau of Mines, and Howard F. Albee, Geologist, U. S. Geological Survey

Subject: Field Examination Report, Docket No. DMEA-4757 (mercury), Platner Mining Corporation, Platner Mine, Crook County, Oregon

INTRODUCTION

Mr. W. J. Holly, president of the Platner Mining Corporation, submitted on May 29, 1957 an application for aid in exploring for mercury on the Platner property, a group of six unpatented lode mining claims, located in the Bear Mining District in secs. 18 and 19, T. 18 S., R. 17 E. W. M., Crook County, Oregon.

The presence of mercury in the area has been known for many years and prospecting and mining on the property has been carried on for about 25 years. No work is being done at present. There is a total of about 1,100 feet of accessible underground workings, as well as surface pits and bulldozer cuts. Reported production has been about 80 flasks, 58 of which were produced in 1940 and 1941.

SUMMARY

The property was examined by the authors, accompanied by D. C. Alvord, Geologist, U. S. Geological Survey, Sui-Ju Kung, Trainee from Formosa, and W. J. Holly, the applicant. Two days were spent on the property and all outcrops and exposures deemed important by the applicant were examined, sampled, and mapped. Small quantities of cinnabar were seen on the outcrops and in the workings; in many cases the occurrences were little more than traces. It was apparent that ore had been mined in one area and possibly in six others. Representative samples were cut in these places.

Reviewed by
DMEA OPERATING COMMITTEE
8-21-57
(date)

CONCLUSION

Although no material of minable grade was seen on the property during the examination, evidence points to a number of places where ore has been mined and two piles of retort clinker show that ore has been treated. The exposures contain so little cinnabar and the size of possible targets will apparently be so small that an exploration program is not warranted. The applicant's proposal is for work so close to the surface that it would be of no value and he is not prepared to finance a more costly project.

RECOMMENDATION

The examining team recommends that the application be denied.

ACCESSIBILITY

The Platner mine is accessible from Prineville, Oregon by proceeding south on State Highway 27 to a point about 8 miles south of Crooked River-Bear Creek junction, thence right on an unimproved mine road about 1 mile to the property (fig. 1). The road can easily be kept open the year around.

PROPERTY

The property consists of 6 unpatented lode mining claims, owned by the corporation, which are recorded in the County Recorder's office, Crook County Courthouse, Prineville, Oregon (fig. 2). The claims are listed as follows:

Name	Book	Page
Pedro	4	534
Solo	4	535
Surething	4	559
Jawbone	5	68
Castle	4	537
Hardrock	4	533

COMPETENCY OF APPLICANT

The president and general manager of the company, Mr. W. J. Holly, has been in the construction business for 11 years, although

he has had interest in the Platner and one other mine during that time. He is judged to be capable of overseeing the proposed work and claims to be able to finance the company's share of the program.

DESCRIPTION OF PROPERTY

The property straddles a long, fairly steep-sided ridge which is an erosional feature caused by weathering along a silicified fracture zone. The surface of the property is mainly grassland with a few scattered conifers, mostly juniper. There are two houses in livable condition and the ruins of an ore bin and mill building on the property. Domestic water is supplied from a spring. There are two principal adits, as well as four other adits, numerous pits, and a number of bulldozer cuts, all accessible. Cinnabar, mostly as traces, can be seen in practically all the workings. Nineteen representative samples were cut.

GEOLOGY

The mine geology of the Bear Creek area of the Ochoco Mining District is described by James Gilluly, J. C. Reed, and C. F. Park, Jr., in U. S. Geological Survey Bull. 846-A, p. 138-139 (1933), in a report entitled, "Some mining districts of eastern Oregon." Description of the local geology is drawn freely from the above report.

The property is underlain by flows of Tertiary andesite and porphyritic andesite locally interbedded with small lenses of tuff. The attitude of the beds was not accurately determined but appears to be nearly flat. A quartz-carbonate vein, consisting of numerous reticulating veinlets of quartz and calcite, cuts these rocks. A faulted and sheared zone, striking about N. 8° W., along which silicification has occurred, forms the vein structure. The vein stands out in relief above the country rock and forms the backbone of a long hill. At least two silicified shear zones branch at an acute angle to the east from the main vein and one spur vein branches at nearly a right angle to the west. These spurs do not stand out as prominently in relief nor are they as persistent as the main vein.

The vein ranges in width from as little as a foot up to about 10 feet, but the silicified border zones, composed of less fractures and fewer quartz and carbonate veinlets, are as much as 25 feet in width and only locally are less than 5 feet wide.

Accompanying the quartz are much chalcedony, opal, considerable kaolin, and probably other clay minerals. The development of the clay minerals results in bleached zones in the country rock. Cinnabar and some pyrite are common in the veinlets.

The cinnabar appears to be most abundant where the quartz veinlets are most abundant but some also is found disseminated in the walls and as coatings along certain joint surfaces.

The country rock is normally a medium gray-green in color but near the vein it is bleached or altered to a purple cast and within the vein the rock is altered to a very pale orange or buff color. The purplish alteration zone ranges from a few feet to more than 100 feet in width. At some properties in the district, this zone has been mapped as rhyolite. Kaolinitic alteration is intense within the vein and silicified border zones but is only partially developed in the purple alteration zone.

Discussion of the samples

Nineteen samples taken from the vein ranged in contained mercury from nil to a maximum of 6.61 pounds per ton (pl. 1). The average of the samples is 1.85 pounds of mercury per ton. The highest assay was from a sample (306-C) cut at the side of an area which has been stoped both above and below the sample level. Samples 305-C and 307-C cut from the vein structure at either side of sample 306-C assayed nil and 0.63 pound of mercury per ton, respectively. There is no reserve of the 6 plus pound rock. The remaining samples indicate that the mercury content decreases downward.

PAST OPERATION

No definite production data is known, although, according to one of the owners, royalty was paid on the production of 58 flasks in 1940 and 1941. Two or three additional flasks seem to have been produced about the same time. In 1951 approximately 10 flasks were recovered and in 1954 and 1955, 8 flasks were produced. Recently about 2 flasks have been recovered from the cleanup of discarded retort and condenser mud. Approximately 50 tons of ore estimated to carry 3 to 4 pounds per ton are stockpiled on the property. There is no record of grade or ore treated in the retort.

SUPPLIES AND EQUIPMENT

Manpower, materials, supplies, and equipment are available in or through Prineville, Oregon, about 31 miles north of the property, or Bend, 50 miles to the west. Domestic water is available from springs on the property but industrial water would have to be hauled or pumped a distance of from 2 to 10 miles. Any equipment used on the property will be driven by gasoline or diesel oil. Labor can be secured for about $2.00 per hour.

APPLICANT'S PROPOSAL

The applicant proposes to extend the southeast crosscut face of the upper (main) adit to cut the spur vein on the Castle claim then drift both ways for a total of 35 feet, and to extend the south drift on the vein structure in the same adit a distance of 100 feet. The estimated cost is as follows:

It is estimated that drifting can be contracted for $30 per lineal foot in this locality.

135 ft. of drift or crosscut @ $30/ft.	$4,050.00

Costs preparatory to begin drifting:

Retimber portal and clean up old drift	200.00
300 ft. 12-lb. rail, fishplates, spikes, bolts and ties	360.00
Labor for laying rails, etc.	150.00
Total estimate of exploration project	$4,760.00

It was pointed out to the applicant that, after studying the maps and sample results, the proposed work might be revised. It seems doubtful that drifting can be done at the property for the applicant's estimate. The target appears to be small. The proposed work would be approximately 40 feet below the surface, which is too shallow to develop a worth-while working back.

CONCLUSIONS AND RECOMMENDATIONS

The tenor of the vein appears to decrease with depth and even the better grade rock is not ore grade for a small operation. At the present price of mercury (about $3.40 per pound) the average value per ton of the rock is about $6.00, far below that necessary for a successful operation. The property, therefore, does not offer a target potentially capable of producing either the grade or tonnage required for even a small-scale operation.

Attachments 3

Distribution:
DMEA (3)
USBM (5)
USGS(SRO)
Docket
Albee

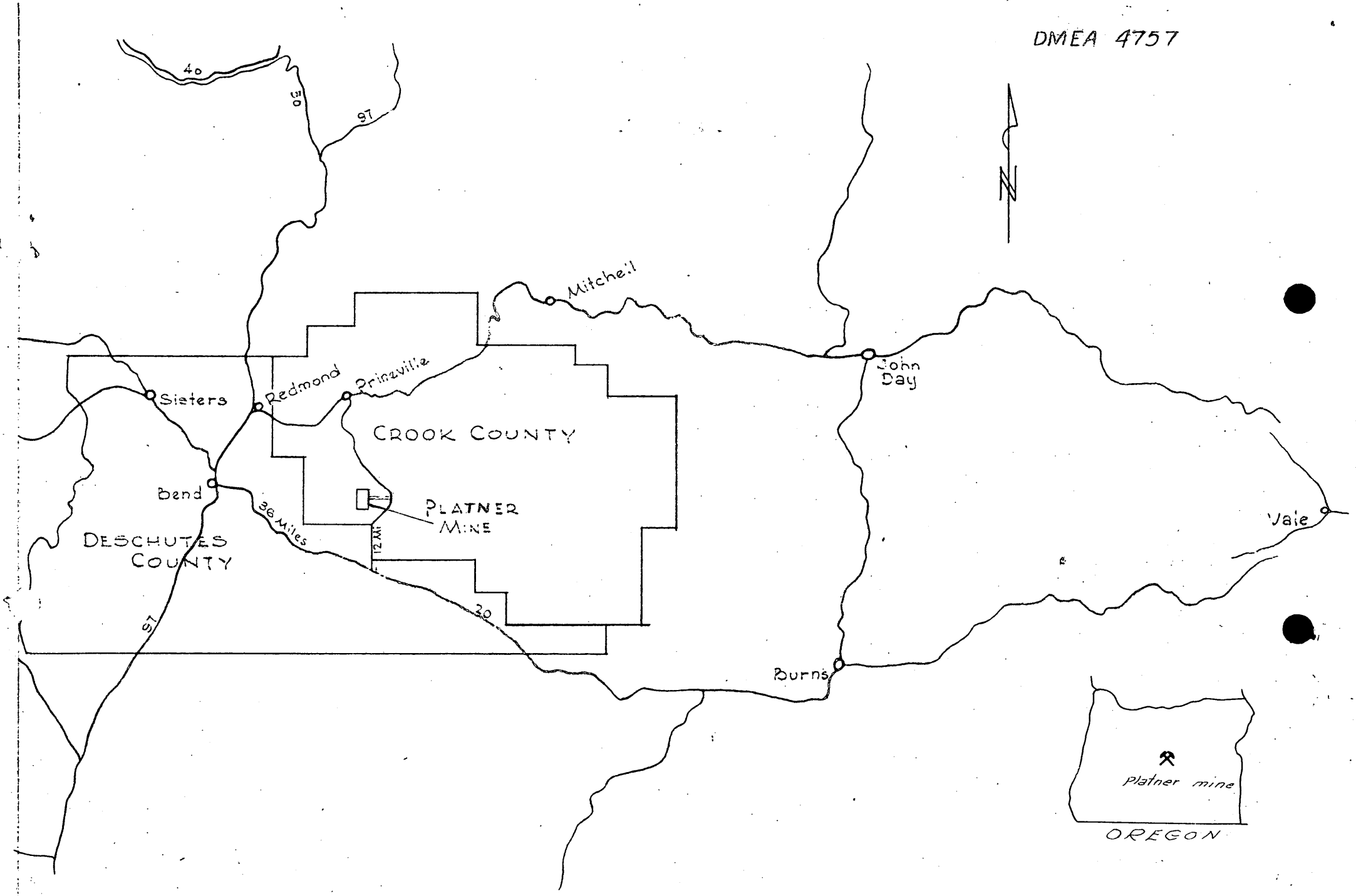

Figure 1. Index map, Platner Mine, Crook County, Oregon

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DATE	REMARKS	INITIALS

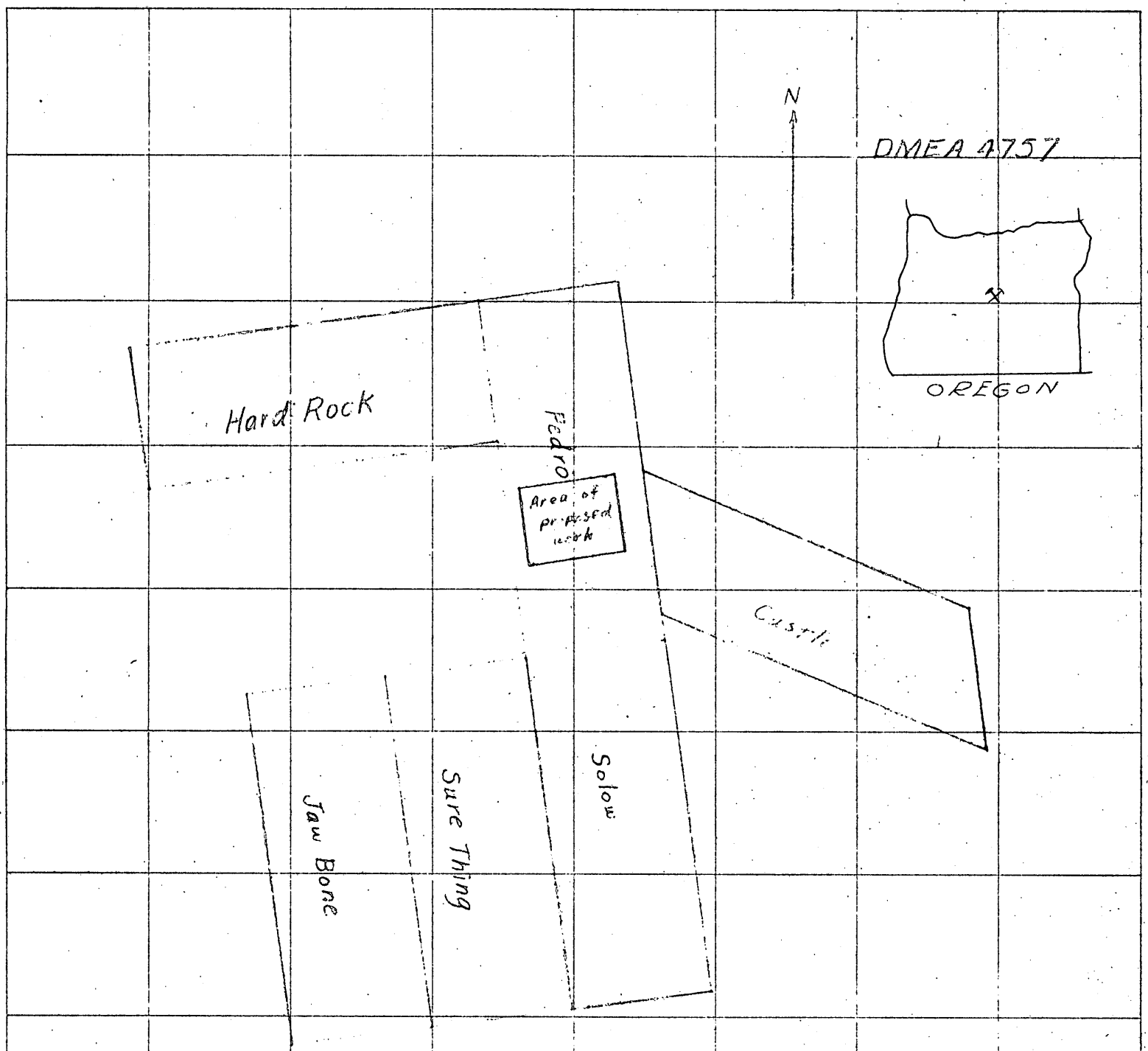

Figure 2. Claim map, Platner Mine, Crook County, Oregon

"ALBANENE" No. 195M N.Y.
48062

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RECEIVED AUG

DATE	INITIALS	

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6-18	[illegible]	400
6-18	[illegible]	400
6/19	[illegible]	130
6/19	[illegible]	130
6/19	[illegible]	130
"	[illegible]	110
"	[illegible]	100
6/20	[illegible]	220
		400

JUN 20 1957

Mr. William J. Holly, President
Platner Mining Corporation
366 South 79th Street
Springfield, Oregon

Re: Docket No. DMEA 4757 - Mercury
Platner mine
Crook County, Oregon

Dear Mr. Holly:

The above-docketed application for exploration assistance for mercury ores has been reviewed by the Washington office of the Defense Minerals Exploration Administration, and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

Any assistance that you can give the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JHopkins:foc
6-18-57
cc to: Docket
Code 400
Admr. R. File
Oper. Comm.
FT. REG. I - NWDist.
Messrs. J. W. Pennington, USBM
T. H. Kiilsgaard, USGS

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
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6-18	Chapman	400
6/19	[illegible]	130
"	[illegible]	110
"	[illegible]	100
		220
		400

JUN 20 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team
Region I - NW District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 4757 - Mercury
Platner Mining Corporation
Platner mine
Crook County, Oregon

Dear Mr. Weissenborn:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Copies of memoranda dated June 11 and 12, 1957, by J. W. Pennington, Bureau of Mines, and N. E. Nelson, Geological Survey, respectively, relating to the project are enclosed. Also enclosed is an extra copy of the application for the use of the Field Team.

Please note that Leah A. Platner who executed the lease for Docket No. DMEA-2222 and Mrs. Leah A. Thompson, vice-president of the Platner Mining Corporation, are probably the same person. It also appears that Mr. Owen Pigmon, former lessee of the subject property and applicant of Docket No. DMEA-2222, is not connected with the Platner Mining Corporation.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

Frank D. Lamb

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

JHOPKINS:foc 6-18-57
cc to: Docket
Code 400
Admr. R. File
Oper. Comm.
FT. REG. I - NWD
Messrs. J. W. Pennington, USBM
T. H. Kiilsgaard, USGS

8623

IN REPLY REFER TO:

FILE COPY
DMEA
JUN 13 1957

DATE	INITIALS	CODE
6/13	JWB	220
13	WSM	400

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

June 12, 1957

Re: DMEA 4757
Platner Mining Corp.
Platner Mine
Crook Co. Oregon
$4,760.00 - Mercury

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in doing 135 feet of drifting and crosscutting on a mercury-bearing vein (35 feet) and a mercury-bearing fault, (100 feet).

During the past 25 years, about 70-75 flasks of mercury have been produced from the mine and 1,100 feet of drifts and crosscuts have been driven.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

Registered Mail
Return Receipt Requested

WSM

Mr. J. Gehas
Nikas Mining Company
239 North Church Street
Tucson, Arizona

Re: Docket No. DMEA-2356 (Tungsten)
Nikas Mining Company
Morning Star Mine
Pinal County, Arizona
Contract No. Idm-2370

Dear Mr. Gehas:

In letter dated February 16, 1957, to Executive Officer, DMEA Field Team, Region III, you advised that upon receipt of monies from Lieberman Mills for ore milled you would forward a check for $1,000.56 covering royalty due to the Government on proceeds from sales of tungsten produced from Morning Star Mine prior to December 1, 1956. Such amount has not been received to date. It has been reported to this Administration that Lieberman Mills tendered payment on your production and that you refused to accept it.

This Administration is charged with the responsibility of enforcing the terms of exploration contracts, including the collection of all royalty due to the Government under the terms of the contracts. Therefore, unless the delinquent royalty is paid within thirty days from the date of this letter, I shall have no alternative but to refer the matter to the Attorney General of the United States for appropriate action.

Sincerely yours,

C. O. Mitchamore

Administrator

CEFisher/JLChambers/vh
June 11, 1957

Copy to: Docket
Admr. Reading File
Region III Fld. Tm. (2(
Administrator
Mr. Chambers
Mr. Martin

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

June 11, 1957

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: Assistant Chief, Branch of Base Metals

Subject: Review of Application, Docket No. DMEA 4757 (mercury), Platner Mining Corporation, Platner mine, Crook County, Oregon. $4,760.00

The applicant proposes to explore a mercury mineralized vein at depth by approximately 135 feet of drifting at an estimated total cost of $4,760.00.

Although it is stated that there is about 50 tons of 3 to 4 pound mineral ore, no information is given on potential or actual grade of ore.

It is recommended that the application be referred to the Field Team for evaluation, and if necessary, an examination of the property. Certainly, more data are required to support the application and proposed exploration.

The application is returned herewith.

J. W. Pennington

Attachment

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U. S. G. S.
F. D. Lamb
F i l e s

OFFICIAL FILE COPY
D M E A
RECEIVED JUN 12 1957

DATE	INITIALS	CODE
6/12	C	220
6/12	WSay	400

Copy

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

Mr. William J. Holly, President
Platner Mining Corporation,
366 South 79th Street,
Springfield, Oregon

Subject: DMEA 4757

Dear Mr. Holly:

Your application for exploration assistance, dated May 29, 1957, submitted to our office at Spokane, Washington, has been assigned Docket Number DMEA 4757 and referred to the Iron and Ferro-Alloys Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

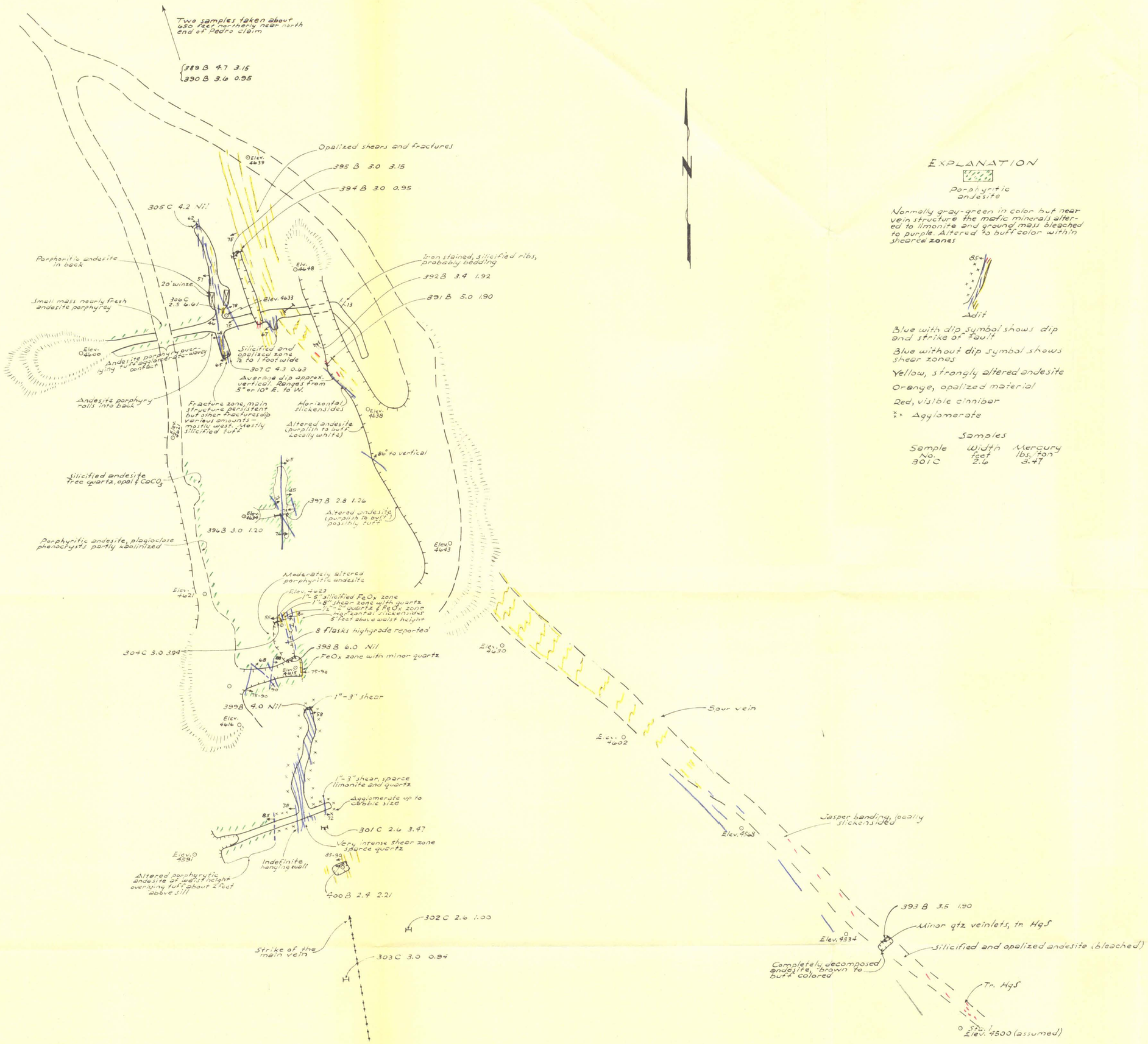
Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region I-NW

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXAMINATION REPORT

DOCKET NO. DMEA 4757



GEOLOGIC MAP OF THE
PLATNER MINE
CROOK COUNTY, OREGON

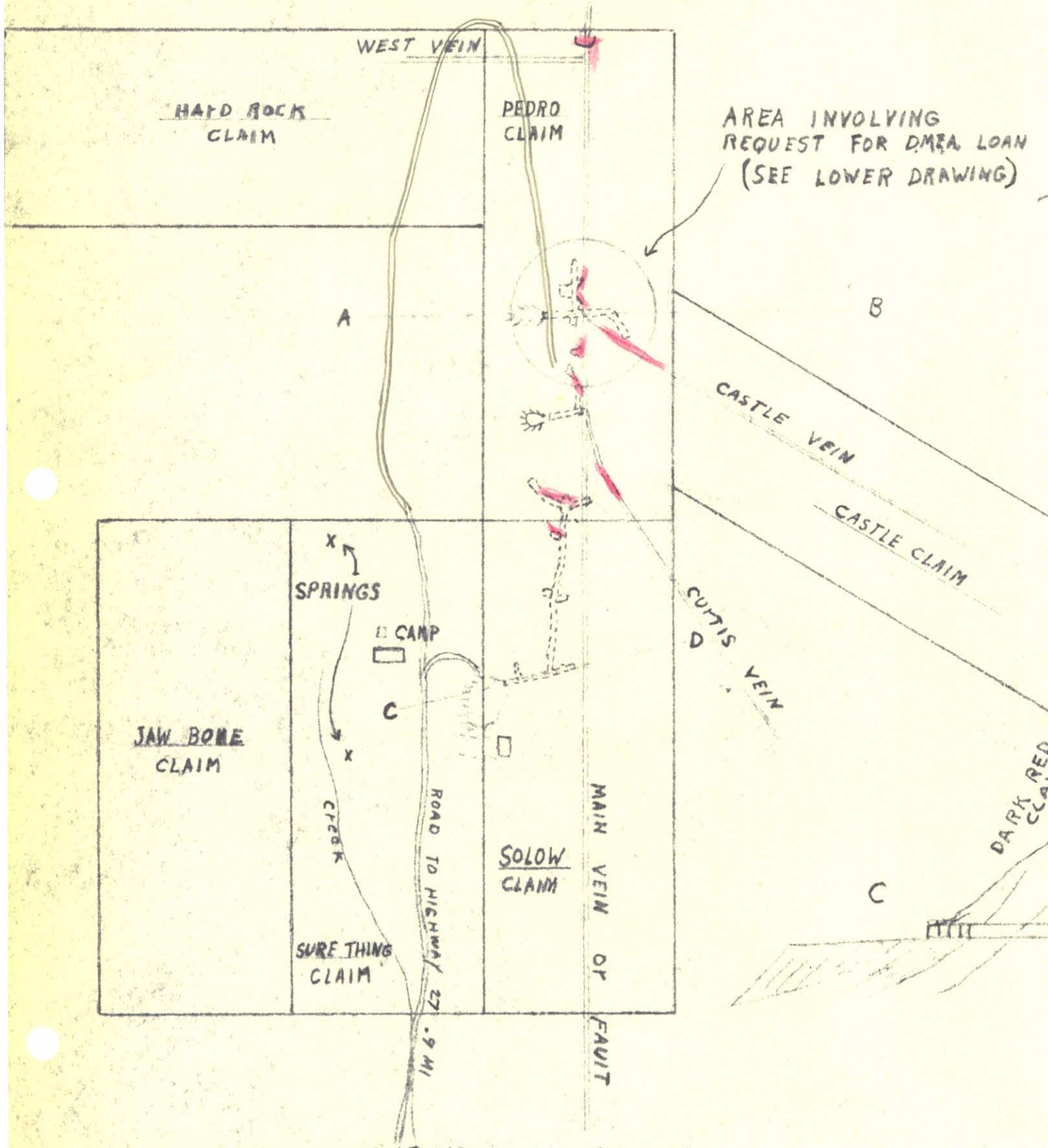
40 0 40 80 Feet

BY H. F. ALBEE

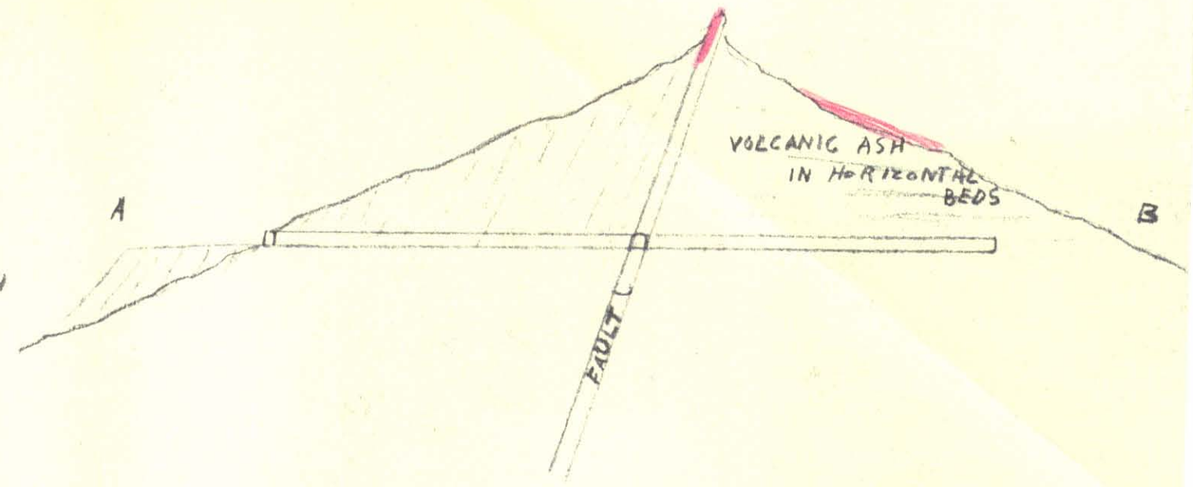
JULY 28, 1957

PLATE I

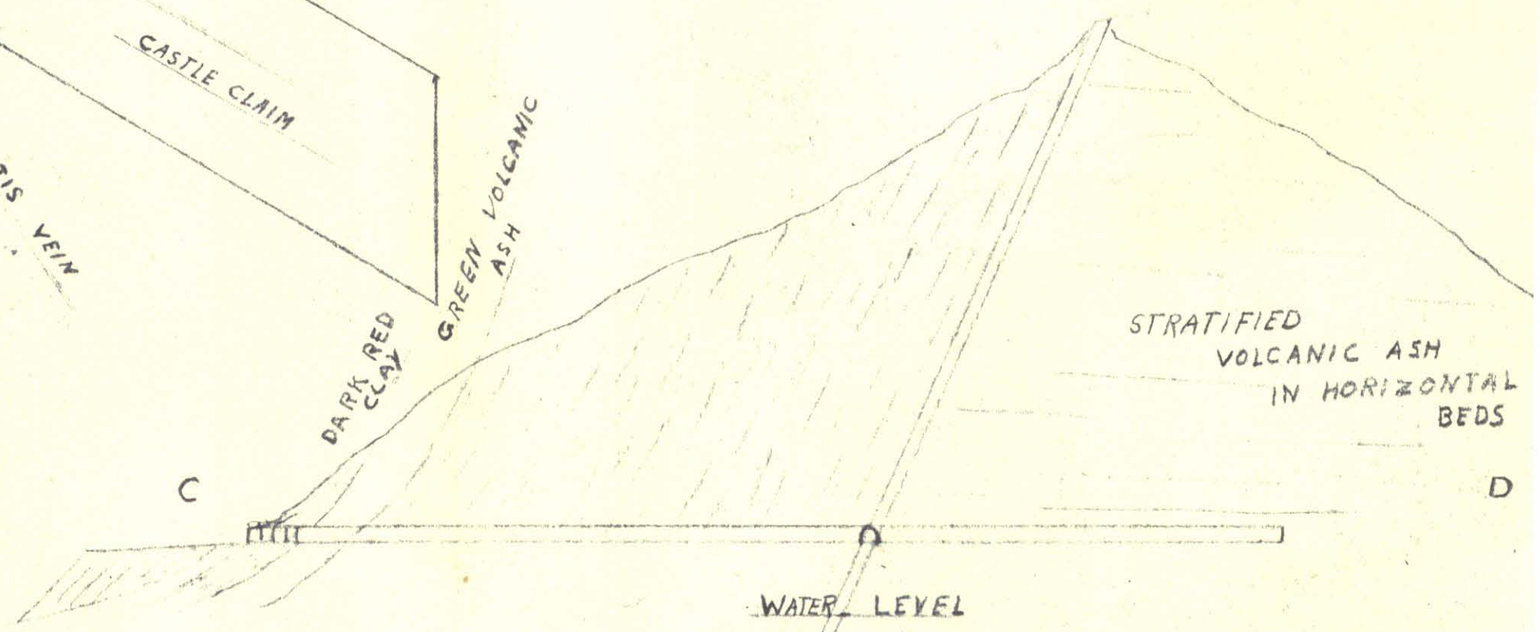
BASE MAP AND GEOLOGY BY
D. C. ALVORD AND H. F. ALBEE
BRUNTON AND TAPE SURVEY



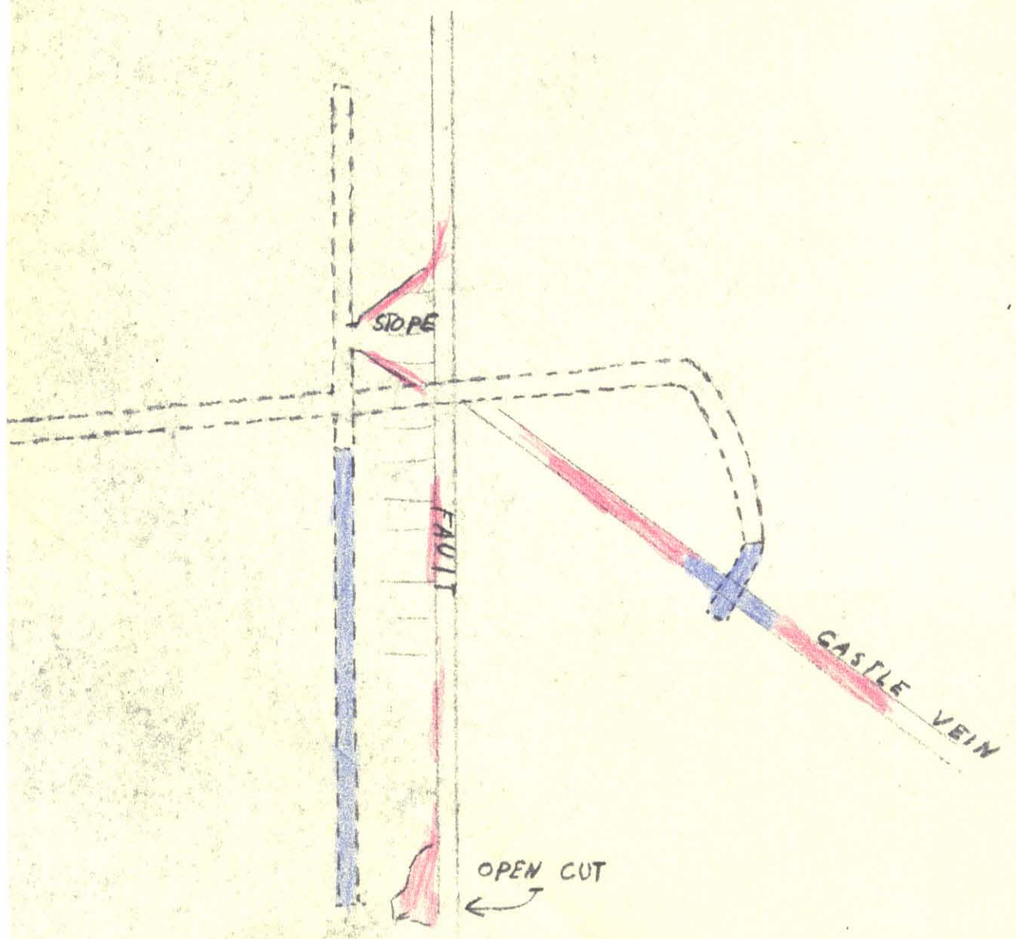
MAP OF CLAIMS, FAULT, VEINS AND TUNNELS
SCALE 1/4" = 100'
CINNABAR IN PLACE



CROSS SECTION THROUGH A.B.
SCALE 3" = 100'



CROSS SECTION THROUGH C.D.
SCALE 3" = 100'



AREA OF LOAN REQUEST
PROPOSED WORK IN BLUE
SCALE 3" = 100'

PLATNER MINE

BEAR CREEK ORE.

THIS DRAWING IS NOT TAKEN FROM AN ACCURATE SURVEY

MAY 24/57 W.J. Holly