DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMEA ~~DMA~~ Docket No. 2572

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INT.-DUP. SEC., WASH., D.C. 98868

FILE COPY
SURNAME:

Ellis
Johnson
Kinkead
Ellis

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

SEP 2 6 1952

Mr. Guy H. Herbert, Jr.
Syringa Associates
Route #6
Boise, Idaho

Re: Docket No. DMEA-2572
(Antimony-Tungsten)
Pioneer group of claims
Valley County, Idaho

Dear Mr. Herbert:

Reference is made to your application for Government aid on the captioned project.

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.

A careful study of your application and data available to this Agency, and an examination of the property concerned reveal that the probability of disclosing minable reserves by your proposed exploration program is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

ACTING Administrator

GLAult/EWEllis/gla
9-23-52
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. A. Renick, Rm. 3061
E.T.McKnight, Rm. 4204 GSA
Ellis
DMEA Field Team, Region II (2)

9/25/52 gla

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

September 24, 1952

Re DMEA-2572
Pioneer Claims, Valley
County, Idaho
Antimony, Tungsten

Memorandum

To: E. W. Ellis

From: Abbott Renick, Base Metals Branch

Subject: Docket DMEA-2572

The writer concurs with the field team recommendation dated August 21, 1952, reporting, "It is recommended that the exploration loan application of the Syringa Associates be denied. No suitable antimony exploration target has been indicated by the applicant's past work."

Abbott Renick

Abbott Renick

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1952

9/11/52 gla

IN REPLY REFER TO:

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

September 11, 1952

Memorandum

Re: DMEA-2572
Syringa Associates
Pioneer Claims, Valley County, Idaho
Antimony, tungsten

To: Mr. E. Wm. Ellis

From: Edwin T. McKnight

Subject: Denial of application

Field team examination shows that the antimony exposures are in an area of landslides and heavy overburden. Old trenches exposed some pods of stibnite which, from best information that can now be obtained, were probably small rich stringers, 1-4 inches wide, in gneiss. Owing to the slumping of the trenches, present exposures reveal very little mineral. There is no pattern of occurrence that can be used as a guide to exploration and it is even doubtful if the mineral previously exposed was in place. Applicant proposes to crosscut 500 feet, drift 300 feet, and drill 800 feet in the vicinity of the reported stibnite pods. In the absence of any significant target and the apparent small size of the pods previously exposed, I agree with the field team recommendation that Government financial aid for the proposed exploration be denied.

The tungsten (sheelite) occurrence is separate from the antimony in scattered small pod-like inclusions of epidote-garnet rock within the gneiss. The amount of tungsten revealed by lamping is insignificant. The proposed 100 feet of crosscutting and 600 feet of diamond drilling has even less justification than the proposed antimony exploration.

I recommend that no encouragement be given to the applicant to clean out and deepen the pits, as such would be essentially a duplication of the original trenching which was too unpromising to even warrant mapping or making any other record of the exposed ore pods by the applicant.

Edwin T. McKnight

Edwin T. McKnight
Geologist

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

September 11, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: Edwin T. McKnight

Subject: Denial of application

Re: DMEA-2572
Syringa Associates
Pioneer Claims, Valley County, Idaho
Antimony, tungsten

Field team examination shows that the antimony exposures are in an area of landslides and heavy overburden. Old trenches exposed some pods of stibnite which, from best information that can now be obtained, were probably small rich stringers, 1-4 inches wide, in gneiss. Owing to the slumping of the trenches, present exposures reveal very little mineral. There is no pattern of occurrence that can be used as a guide to exploration and it is even doubtful if the mineral previously exposed was in place. Applicant proposes to crosscut 500 feet, drift 300 feet, and drill 800 feet in the vicinity of the reported stibnite pods. In the absence of any significant target and the apparent small size of the pods previously exposed, I agree with the field team recommendation that Government financial aid for the proposed exploration be denied.

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Edwin T. McKnight
Geologist

9/3/52 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
SEP 2 1952

August 22, 1952

Memorandum

To: F. E. Johnson, Chairman, DMEA Operating Committee

From: DMEA Field Team, Region II

Subject: Application of Syringa Associates, Pioneer Group of Claims, Valley County, Idaho, Docket DMEA-2572, Antimony-Tungsten

Attached is a memo dated August 21 from J. J. Quinlan and E. H. Roseboom, U. S. Geological Survey, and C. C. Popoff, Engineer, U. S. Bureau of Mines, discussing the results of an examination of the Syringa property. It is recommended that the application be denied largely because there is no close exploration tie-in and because of lack of confidence in the ability of Mr. Herbert who would be engineer for the project to properly conduct an exploration project. Work done to date has been poorly done and information that might have been obtained has not been properly recorded; it is doubtful that a better job could be done with DMEA funds.

By DMEA Field Team, Region II

A. E. Weissenborn, T. K. K.
A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

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

Enclosure 1 (in quad.)
cc: USBM (2)
J. Quinlan

Department of the Interior
Defense Minerals Administration
SEP 2 1952

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

So. 157 Howard Street
Spokane 4, Washington

August 21, 1952

MEMORANDUM

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

From: J. J. Quinlan and E. H. Roseboom, Geologists, U. S. Geological Survey, and C. C. Popoff, Engineer, U. S. Bureau of Mines

Subject: Field Examination, Docket No. DMEA-2572 (Antimony and Tungsten), Syringa Associates, Pioneer Group of Claims, Valley County, Idaho

RECOMMENDATIONS

It is recommended that the exploration loan application of the Syringa Associates be denied. The scheelite is too erratic in distribution to be of economic interest. No suitable antimony exploration target has been indicated by the applicant's past work.

LOCATION

The Pioneer group of claims is in secs. 9 and 10, T. 18 N., R. 8 E., Yellow Pine district, Valley County, Idaho.

The property is east of the Cascade-Yellow Pine road, 4 miles south of Yellow Pine, Idaho.

FIELD EXAMINATION

The Pioneer group of claims was examined on August 1, 1952. The examination team was accompanied by Mr. Guy Herbert, Jr., mining engineer for Syringa Associates. This examination was made in response to a request for re-examination by Mr. Frank E. Johnson, Chairman, Operating Committee, Defense Minerals Exploration Administration.

Pits, bulldozer cuts, and outcrops were examined and a tape and compass map was constructed. The reported tungsten showings were examined at night with an ultra-violet lamp. The claim boundaries are not shown on the attached map as the applicant was rather vague about the location of claim corners.

GEOLOGY

The hillside on which the claims are located is mostly covered by overburden. Some of the better exposures had to be eliminated as it was apparent that they were landslide phenomena. The pits and dozer cuts were largely slumped and exposures of bedrock in the pits and dozer cuts are scarce. Some information was obtained from the rubble in the cuts and the few sparse outcrops. For these reasons the geologic information available is very scanty and will remain so until the cuts are cleaned and in some cases deepened. However, some conclusions can be reached from the information available.

The property is largely underlain by a light-colored biotite gneiss. The gneissic banding where exposed strikes about N. 10 to 20° W. and dips 30 to 35° NE. In many places the gneiss has a bleached appearance evidently resulting from the destruction of mafic minerals. Locally, small bands of mica schists parallel the gneissic structure. Small granitic dikes cut the gneiss.

A rock consisting largely of epidote and garnet and probably representing a metamorphosed calcareous shale was observed in several places. The gneiss crosses bands of different composition in epidote-garnet rock suggesting that the gneiss has intruded and metamorphosed sedimentary rocks. In some places the epidote-garnet rock occurs as irregular inclusions a foot or two in length through the gneiss. Epidote crystals up to 1/2 inch in length were observed. The epidote-garnet rock appeared to be of rather limited distribution.

Tungsten

The tungsten showing that the applicant wishes to explore is on the Pioneer No. 5 claim. Most of the cuts in the area gave no indication of scheelite. The discovery pit on the claim did show a minor amount of scheelite. The scheelite is mainly associated with small pod-like inclusions of epidote-garnet rock within the gneiss. These inclusions are erratic in distribution, and not numerous enough to be of importance. Lamping indicated that the scheelite content of the pods is low. The DMEA examiners saw no definite zone or structure that was worth sampling.

Antimony

Several trenches and pits on the northwest portion of the property appear to have cut what Mr. Herbert describes as "pods" of stibnite dipping steeply east. Due to the condition of the trenches and pits we did not observe any of these pods in place. It was difficult to determine if these trenches had reached bedrock. The close proximity of the rock-filled gully to the north suggested the possibility that the stibnite pod may be part of the talus.

Poorly exposed bleached zones with minor yellow staining (in place?) suggest the possibility of small gossans where the pods were reported. Several small ore piles, the largest of which would not contain over 15 to 20 pounds of high grade stibnite, were observed in the vicinity of the pits and trenches. These specimens indicate the stibnite occurs as small rich stringers 1 to 4 inches wide.

A large sheared and altered zone probably striking N. 35° E. and dipping 75 to 80° NW is poorly exposed in a cut approximately 600 feet south of the cuts in which the ore pods are reported. This zone might intersect one of the old pits which has a small ore pile. No antimony was seen in this trench.

Mr. Herbert did not cut any samples, attempt to take notes nor map the zone in which the pods were exposed when the trenches were made. The condition of the pits precluded doing such a job at the time of the examination.

Competency of Applicant

Mr. Herbert, engineer for Syringa Associates, would be in charge of any exploration. Past dozing and trenching directed by Mr. Herbert, indicates that he does not have a clear idea of exploration problems involved. It is doubtful that a better job would be done with DMEA funds.

For this reason the DMEA field examiners were rather hesitant in suggesting an alternate exploration program of dozing (discussed below) because it does not appear that the applicant would be competent of directing such a program.

DISCUSSION OF PROPOSED EXPLORATION AND CONCLUSION

Tungsten

The applicant proposes to drive 100 feet of crosscut and drill 600 feet of diamond drill holes to explore the downward extension of the tungsten showing in the discovery pit of the Pioneer No. 5 claim. The scheelite in this pit is associated with small garnet-epidote inclusions in gneiss. The number of inclusions and the erratic nature of the scheelite within the intrusives indicates that no definite target is outlined which is worthy of exploration under the DMEA program. Lamping indicated no other tungsten exploration target on the applicant's claims.

Antimony

The applicant's proposal to drive 500 feet of crosscut, 500 feet of drift, and drill 800 feet of diamond drill holes to prospect at depth the area in the vicinity of the reported stibnite pods is not justifiable.

Mr. Frank Johnson's letter states that the applicant should be aided in presenting a more realistic exploration project with corresponding cost estimates. For this reason the examiners discussed with Mr. Herbert the possibility of cleaning out and deepening the trenches and pits in which the stibnite pods are reported, followed by additional dozing, or hand trenching on individual pods or structures exposed.

No commitments were made that the DMEA would participate in such a program. However, Mr. Herbert expressed his willingness to participate in such work.

The field examiners do not recommend approval of such a program for the following reasons. Previous work by Syringa Associates was not carried to a logical conclusion. It was obvious that no attempt was made to delineate the pods after being cut by the dozer. The amount of stibnite found in the ore piles and dump material suggest that the pods are small and not of great extent, and it is not known if the pods were in place.

The applicant has not presented an acceptable target for exploration. If the property had been mapped and sampled when the cuts were fresh, and if a minor amount of additional dozing or hand trenching to better delinate the pods had been done, a suitable target might have been indicated, which could have warranted exploration.

Enclosure

cc: DMEA (4)
USBM (1)
USGS(SRO)
Quinlan

9/9/52 gla

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

fos

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

August 22, 1952

Memorandum

To: T. S. Johnson, Chairman, DMA Operating Committee

From: DMA Field Team, Region II

Subject: Application of Syringa Associates, Pioneer Group of Claims, Valley County, Idaho, Docket DMA-2572, Antimony-Tungsten

Attached is a memo dated August 21 from J. J. Quinlan and E. M. Roseboom, U. S. Geological Survey, and S. C. Popoff, Engineer, U. S. Bureau of Mines, discussing the results of an examination of the Syringa property. It is recommended that the application be denied largely because there is no close exploration tie-in and because of lack of confidence in the ability of Mr. Herbert who would be engineer for the project to properly conduct an exploration project. Work done to date has been poorly done and information that might have been obtained has not been properly recorded; it is doubtful that a better job could be done with RFC funds.

DMA Field Team, Region II

E. L. Weissenborn, Executive Officer
(U. S. Geological Survey)

S. C. Volin, Member
(U. S. Bureau of Mines)

Enclosure 1 (in quad.)
cc: DMA (2)
J. Quinlan

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

So. 157 Howard Street
Spokane 4, Washington

August 21, 1952

MEMORANDUM

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

From: J. J. Quinlan and E. H. Roseboom, Geologists, U. S. Geological Survey, and C. C. Popoff, Engineer, U. S. Bureau of Mines

Subject: Field Examination, Docket No. DMEA-2572 (Antimony and Tungsten), Syringa Associates, Pioneer Group of Claims, Valley County, Idaho

RECOMMENDATIONS

It is recommended that the exploration loan application of the Syringa Associates be denied. The scheelite is too erratic in distribution to be of economic interest. No suitable antimony exploration target has been indicated by the applicant's past work.

LOCATION

The Pioneer group of claims is in secs. 9 and 10, T. 18 N., R. 8 E., Yellow Pine district, Valley County, Idaho.

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Reviewed by
DMEA OPERATING COMMITTEE

9-8-52
(date)

Pits, bulldozer cuts, and outcrops were examined and a tape and compass map was constructed. The reported tungsten showings were examined at night with an ultra-violet lamp. The claim boundaries are not shown on the attached map as the applicant was rather vague about the location of claim corners.

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For this reason the DMEA field examiners were rather hesitant in suggesting an alternate exploration program of dozing (discussed below) because it does not appear that the applicant would be competent of directing such a program.

DISCUSSION OF PROPOSED EXPLORATION AND CONCLUSION

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Antimony

The applicant's proposal to drive 300 feet of crosscut, 300 feet of drift, and drill 800 feet of diamond drill holes to prospect at depth the area in the vicinity of the reported stibnite pods is not justifiable.

Mr. Frank Johnson's letter states that the applicant should be aided in presenting a more realistic exploration project with corresponding cost estimates. For this reason the examiners discussed with Mr. Herbert the possibility of cleaning out and deepening the trenches and pits in which the stibnite pods are reported, followed by additional dozing, or hand trenching on individual pods or structures exposed.

No commitments were made that the DMEA would participate in such a program. However, Mr. Herbert expressed his willingness to participate in such work.

The field examiners do not recommend approval of such a program for the following reasons. Previous work by Syringa Associates was not carried to a logical conclusion. It was obvious that no attempt was made to delineate the pods after being cut by the dozer. The amount of stibnite found in the ore piles and dump material suggest that the pods are small and not of great extent, and it is not known if the pods were in place.

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Enclosure

cc: DMEA (4)
USBM (1)
USGS(SMG)
Quinlan

700

700

Ha

GCS
7/30/52

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

So. 157 Howard Street
Spokane 4, Washington

July 18, 1952

Dmea-2572

Mr. Gordon C. Smith
Yellow Pine,
Idaho

Dear Mr. Smith:

A DMEA field engineer will be in Yellow Pine, Idaho, July 31, 1952, to examine the Syringa claims with reference to your DMEA loan application.

Please advise if you or your representative can meet the DMEA engineer at the Yellow Pine Post Office at 8:00 a.m., July 31, 1952.

Yours truly,

James J. Quinlan
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM
DMEA (2)

7/28/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 291 Howard Street
Spokane 4, Washington

July 18, 1952

klsnea-2572

Mr. Gordon J. Smith
Yellow Pine,
Idaho

Dear Mr. Smith:

A DMA field engineer will be in Yellow Pine, Idaho, July 31, 1952, to examine the Syringa claims with reference to your DMA loan application.

Please advise if you or your representative can meet the DMA engineer at the Yellow Pine Post Office at 3:00 a.m., July 31, 1952.

Yours truly,

James J. Griffin
For: A. L. Johnson
Executive Officer,
Field Team, Region

cc: [illegible]
[illegible] (2)

[illegible]

7/14/52 gla

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

So. 157 Howard Street
Spokane 4, Washington

July 6, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2572 (Antimony-Tungsten)
Syringa Associates
Pioneer Group of Claims, Valley Co., Idaho

Dear Mr. Johnson:

This is in reply to your letter of June 25 with reference to the subject docket. Since you have asked us to make another examination of this property, we will do so. We do this rather reluctantly, however, for the following reasons:

As you state, Mr. Youngberg in his report of July 18 recommended the application be denied because of the lack of a suitable objective, although he did say in the same report that certain work might disclose a suitable target for exploration. He also recommended that some further field studies should be done on the property.

We feel that Mr. Youngberg was correct in stating that the company had no suitable objective for the exploration, although it is quite possible that by some geologic work and thought a suitable objective might be worked out. We are rather unenthusiastic about a possible contract here because the applicant to date has not shown us that he has in mind any realistic program or any realistic idea of what he intends to do. We feel, therefore, that Mr. Herbert, who professes to be an engineer, should work out a suitable program. However, we will visit the property as soon as we can arrange to do so and make an examination, at the same time attempting to devise some sort of an exploration program. We still feel, however, that the preliminary geologic work should be done by the applicant rather than by us.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: ~~USBM, Albany~~
USBM, Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

July 6, 1952

Mr. Frank A. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2572 (Antimony-Tungsten)
Syringa Associates
Pioneer Group of Claims, Valley Co., Idaho

Dear Mr. Johnson:

This is in reply to your letter of June 2, with reference to the subject docket. Since you have asked us to make another examination of this property, we will do so. We do this rather reluctantly, however, for the following reasons:

As you state, Mr. Youngberg in his report of July 16 recommended the application be denied because of the lack of a suitable objective, although he did say in the same report that certain work might disclose a suitable target for exploration. He also recommended that some further field studies should be done on the property.

We feel that Mr. Youngberg was correct in stating that the company had no suitable objective for the exploration, although it is quite possible that by some geologic work and thought a suitable objective might be worked out. We are rather unenthusiastic about a possible contract here because the applicant to date has not shown us that he has in mind any realistic program or any realistic idea of what he intends to do. We feel, therefore, that Mr. Herbert, who professes to be an engineer, should work out a suitable program. However, we will visit the property as soon as we can arrange to do so and make an examination, at the same time attempting to devise some sort of an exploration program. We still feel, however, that the preliminary geologic work should be done by the applicant rather than by us.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Albany
USBM, Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 1[illegible] Howard Street
Spokane 4, Washington

July 6, 1952

Mr. Frank F. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2[illegible]2 (Antimony-Tungsten)
Syringa Associates
Pioneer Group of Claims, Valley Co., Idaho

Dear Mr. Johnson:

This is in reply to your letter of June 2[illegible] with reference to the subject docket. Since you have asked us to make another examination of this property, we will do so. We do this rather reluctantly, however, for the following reasons:

As you state, Mr. Youngberg in his report of July 16 recommended the application be denied because of the lack of a suitable objective, although he did say in the same report that certain work might disclose a suitable target for exploration. He also recommended that some further field studies should be done on the property.

We feel that Mr. Youngberg was correct in stating that the company had no suitable objective for the exploration, although it is quite possible that by some geologic work and thought a suitable objective might be worked out. We are rather unenthusiastic about a possible contract here because the applicant to date has not shown us that he has in mind any realistic program or any realistic idea of what he intends to do. We feel, therefore, that Mr. Herbert, who professes to be an engineer, should work out a suitable program. However, we will visit the property as soon as we can arrange to do so and make an examination, at the same time attempting to devise some sort of an exploration program. We still feel, however, that the preliminary geologic work should be done by the applicant rather than by us.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Albany
USBM, Spokane

FILE COPY
700 SURNAME:

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

JUN 25 1952

Mr. Guy H. Herbert, Jr.
Syringa Associates
Route #6
Boise, Idaho

Re: Docket No. DMEA-2572
(Antimony-Tungsten)
Pioneer group of claims
Valley County, Idaho

Dear Mr. Herbert:

The application for assistance in exploring your property in Valley County, Idaho, under the above captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. Your application has been referred for a field examination to the Executive Officer of Region II at the following address:

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

The Regional Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf

Acting Administrator

HFKeller/jem
6/24/52
cc to: Adm. Reading File
Docket
Mr. Ellis
Mr. Keller
Field Team, Region II (2)

705 FILE COPY
SURNAME:

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

AIR MAIL

JUN 25 1952

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA-2572 (Antimony-Tungsten)
Syringa Associates
Pioneer group of claims
Valley County, Idaho

Dear Mr. Weissenborn:

Reference is made to the revised proposal dated May 21, 1952, submitted by Mr. Guy H. Herbert, Jr., Mining Engineer, on behalf of Syringa Associates. The new proposal was transmitted to this office with Mr. Elton A. Youngberg's memorandum of June 3, 1952, and is a resubmission of an old application under Docket No. DMA-1036X. Inasmuch as DMA-1036X was denied by the Defense Minerals Administration on August 13, 1951, the new proposal was assigned a new docket number as indicated above. It is noted that a copy of this revised proposal was retained by your office.

The revised exploration program as presented by Mr. Herbert in his letter of May 21, 1952, is neither well prepared, nor substantiated by supporting data. As the Pioneer group of claims apparently are well mineralized and are located in a district from which large tonnages of antimony ore have been produced, we believe that due consideration should be shown this application.

We do not concur with Mr. Youngberg when, in his report of July 18, 1951 (Docket No. DMA-1036X), he recommended that the application be denied because of the lack of a suitable objective even though in the same report he stated that certain work might disclose a suitable target for exploration. After writing that report Mr. Youngberg, in his letter of June 3, 1952, to the Chairman of the Operating Committee, recommended that some further field study probably should be done on the property.

Because of the foregoing, we request that a field examination be made of the Pioneer group of claims. At the time of the examination the Field Team should take into consideration the following points:

1. Since very little geological information has been furnished by the Applicant, we recommend that the Field Team show by sketch map the more important geological structures.

2. Obtain sufficient samples to establish the type and grade of mineralization.

3. Aid the Applicant in presenting a more realistic exploration project with the corresponding cost estimates.

Sincerely yours,

(signed) FRANK E. JOHNSON (JHE) 6/25

Chairman, Operating Committee

APPROVED:

J. H. Hedges (JHB)
Member, Bureau of Mines

D. M. Lemmon (JHB)
Member, Geological Survey

HFKeller/gla 6-23-52

cc to: Adm. Reading File
Operating Committee
Docket
Messrs. A.Renick, Rm. 3061
E.T.McKnight, Rm. 4204 GSA
Ellis
Keller

IN REPLY REFER TO:

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

June 18, 1952

Memorandum

Re: Docket- DMEA-2572
Syringa Development Assn.
Pioneer group of claims,
Valley County, Idaho
Exploration grant: $56,000
Antimony, tungsten

To: Mr. E. Wm. Ellis, DMEA

From: Erwin J. Lyons, USGS

Subject: Recommendation for field referral

The Syringa Associates submitted an application for exploration assistance on the Pioneer group of claims May 9, 1951. The application, assigned docket number DMA-1036X, was referred to the field. The field team recommended that the application be denied because of the lack of a suitable objective, but stated that two possibilities for exploration were present although considerable geologic mapping would be required before their feasibility could be determined.

The applicant has now presented a project consisting of drifting, crosscutting, and underground drilling which would have a total cost of about $56,000.

Although no specific information is available on this particular group of claims, Dwight Lemmon, in a discussion of the application, pointed out that the structure as pictured by the applicant is at considerable angle to the general structure of the Yellow Pine district. Both he and the present reviewer believe that further investigation is warranted, however, and recommend that the application be referred to the field team for their consideration. The possibility of trenching combined with a geologic study and mapping might be considered as stage 1 of an exploration project.

Erwin J. Lyons

Erwin J. Lyons
Geologist

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

June 18, 1952

Memorandum

Re: Docket- DMEA-2572
Syringa Development Assn.
Pioneer group of claims,
Valley County, Idaho
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Erwin J. Lyons
Geologist

DMEA-2572 (REVISED)

RECEIVED

MAY 26 1952

U. S. G. S.
SPOKANE, WASH.

SYRINGA ASSOCIATES
% GUY H. HERBERT, JR.
ROUTE #6
BOISE, IDAHO

MAY 21, 1952.

Defense Minerals Exploration Administration
Washington 25, D. C. - Via Spokane Office

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 9 1952

SUBJECT: D.M.A. CASE NO. 1036X

Gentlemen:

As engineer for the Syringa Associates in regards to their application on the Pioneer Group of claims in the Yellow Pine district, Valley County, Idaho, I wish to submit the following:

At the suggestion of Mr. Youngberg, examining engineer for the Defense Minerals Administration in Spokane and the notification by the Washington office of the D.MA. last fall, I am submitting a sketch showing the revised prospecting program suitable to the project. You will note the approximate location of the lower tunnel. This elevation of 5400' is assumed. It is not more than 5400' in relation to the base point with an elevation of 4917'. The upper tunnel will start at approximately 6100', extending 100' under the 6250' level which has exposed Tungsten in a form of scheelite. Tungsten float and indications are found also on Claims #3 and #1, so it is felt that a dual program of exploration for antimony and Tungsten is justified.

Subject to the approval by or adjustment in collaberation with the D.M.E.A. field terms, we request consideration of the following amount of work:

> At lower tunnel #1, ~~course~~ Ross cut 500' in length, crossing the area of fissures and veins. Drifting from a point to be selected with the approval of D.M.E.A. engineers, a drift paralleling the vein structure for 300' in the extreme direction to permit two Diamond Drill stations. 800' of Diamond Drill holes angled to cut all possible vein structures from this drift are requested.

Total cost of the lower tunnel -- 800' tunnel and drift at $40.00 per foot will amount to $32,000 and 800' of Diamond Drill holes at $8.00 per foot will amount to $6,400. A sum total of $38,400.

A tunnel of 100' in length directly under the 6250' cropping, crossing the bedded structures on Claim #5 is requested also 600' of drill holes through the bedded structure and angled toward the vein structure as shown on Claim #3 is requested. Total cost of this would be -- 600' at $8.00 per foot will amount to $4,800. 100' at $40.00 per foot will amount to $4,000. A total sum of $8,800.

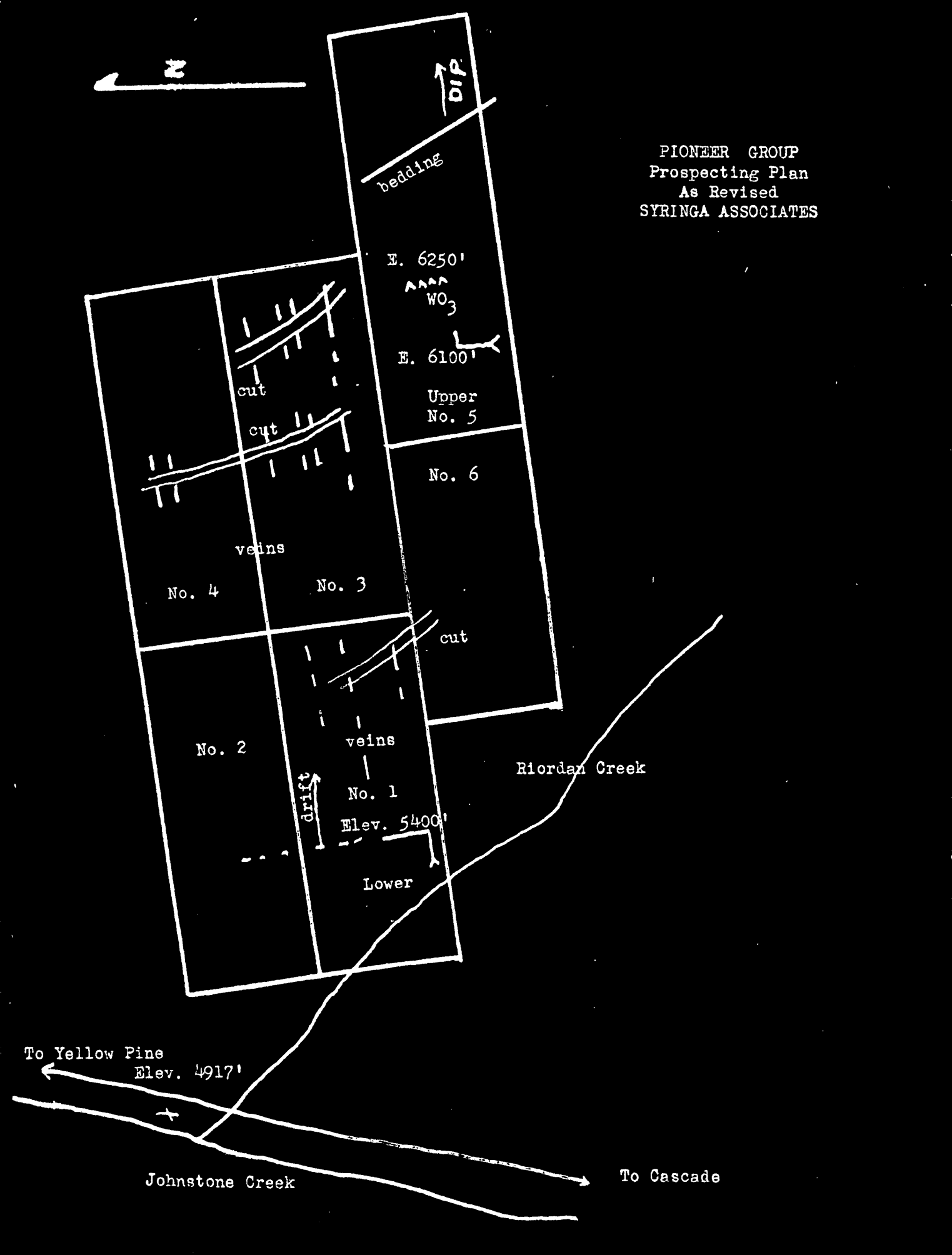
Consulting ~~the above a general~~ fees for engineering should be allowed at the standard

rate of 10% or project cost, plus approximately $1,200.00 for assaying the sampling costs. The supervisor cost will probably total 5%.

We respectfully request consideration of the program and request that complete collaboration in adjusting the program with the D.M.E.A. engineers be performed. We further wish to state that we will care for all samples and cores furnishing at least one-half of each for analysis and disposal by the D.M.E.A., U.S.G.S. and the U.B.M.

Guy H. Herbert, Jr.

GUY H. HERBERT, JR.
REGISTERED PROFESSIONAL ENGINEER
ROUTE # 6 - BOISE, IDAHO



PIONEER GROUP
Prospecting Plan
As Revised
SYRINGA ASSOCIATES

Form MF-103
(April 1951)

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK
(RECONSIDERED UNDER DOCKET DMA 2572)
Docket No. dma/1036X
Date received 5-9-51
Participation

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

Syringa Development Association
2101 Ellis Ave.
Boise, Idaho
Name and address of applicant

Date May 7, 1951

FILL IN THIS BLOCK

Date of application April 12, 1951

Estimated cost $41,000

Mineral or metal Mineral

Percentage of Government participation 75%

Location of mine Yellow Pine District, Idaho

Date of filing MF-100 April 12, 1951

DMA Docket Number, if available DMA-1036x

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? See MF-100
*2. If a partnership, state names and addresses of partners. See MF-100
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See MF-100
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See MF-100
*5. Are you the owner or the lessee of the property See MF-100
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None
7. If lessee, attach a copy of the lease and state if it is in good standing. Not applicable.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement See Attachment No. 1.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Applicant prepared invest $10,000. Yes, it is sufficient.

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. See Attachment No. 2.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. See No. 2.
    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. See MF-100
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. See MF-100
*13. State source and quantity of water available for operations and its sufficiency at all seasons. See MF-100
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. See MF-100
15. State in detail how the ore could be shipped and how and where milled. (See MF-100.
*16. History: See MF-100
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production: See MF-100
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) See MF-100
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. See Attachment No. 3.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Antimony, Tungsten & Allied minerals.
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. See Attachment No. 4.
    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data. See MF-100 and attachments thereto

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above. See Attachment No. 5.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. See Attachment No. 6.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Syring Development Association
(Name of company)

By J.M. Carr
(Signature of authorized official)

May 7, 1951
(Date)

President & General Manager
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

ATTACHMENT NO. 1.

Syringa Development Association. . . . . 2101 Ellis Ave., Boise, Idaho

8. Financial Statement of Association:

Assets:

Cash on Hand	$4000.00
Invested in development, including development expenditures, geology, water rights, power site, etc.	6000.00
Testing Equipment	500.00
Total Assets	10,500.00

Liabilities:

None.

Profits and Losses:

None.

Attachments No. 2.

Syringa Development Association. . . . . .2101 Ellis Ave., Boise, Idaho

10. (a) Mining Claims as follows:
Power Nos. 1 & 2
Syringa Nos. 1, 2, 3 & 4
Claims filed at Cascade, Idaho, County Seat of Valley County.

(b) T18N R8E Sec 9, Yellow Pine district, Valley County, Idaho.

ATTACHMENT NO. 3

Syringa Development Association.. ... . 2101 Ellis Ave., Boise, Idaho

19. Circumstances and committments of the bulldozer operator required use of the equipment in stripping of overburden starting May 10, 1951. Therefore, if application is approved, it is requested that the contract be dated as of May 10, 1951.

ATTACHMENT NO. 4

Syringa Development Association . . . . . .2101 Ellis Av., Boise, Idaho

21. Proposed work is that of stripping of overburden from area where geology and croppings and color streaks indicate presence of antimony and tungsten; tunnel work and diamond drilling to prove continuity of deposits. It is anticipated that this work will take five to six months.

ATTACHMENT NO. 5

Syringa Development Association . . . . . 2101 Ellis Ave., Boise, Idaho

23. (a) 1 Mining Engineer @$16 per day; 1 Construction Engineer @$18 per day; 1 surveyor and 1 sampler @$15 each per day; 1 miner at $12 per day; 2 muckers and 1 timberman @ $12 each per day.

(b) See item (a) above which includes supervisors.

(c) None

(d) Lodging and meals available at Yellowpine, 4 miles distance. Construction of storage and shop shed estimated at $1000.00.

(e) 1 compressor @$2000.00; 2 drills @$1000; 1 truck @$3000.00.

(f) $100 per day for bulldozer caterpillar and $6 per foot for diamond drilling.

(g) None.

(h) Powder, caps and fuses @$2.25 per foot of tunnel for total of 300 feet tunnel. Blasting equipment $10.00 and hand tools $50.00.

(i) No costs at present.

ATTACHMENT NO. 6

Syringa Development Assoc ation. . . . . 2101 Ellis Ave., Boise, Idaho

2). During 1st 30 days :

2 men surveying and sampling.	$800.00
Bulldozer work stripping $100 per day.	1000.00
Supervision by Mining Engineer	500.00
Trips & incidentals.	400.00

During next 30 days:

Bulldozing of overburden 50 days at $100 per day	5000.00
1st tunnel of 200 feet @$25 per foot.	5000.00
Diamond drilling of 2000 feet @$6 per foot.	12,000.00
Supervision by Mining Engineer.	1000.00
Equipment necessary.	6500.00

During next 60 days:

Bulldozing overburden 30 days $100 per day.	3000.00
Second tunnel of 100 feet @$25 per foot.	2500.00
Completion of diamond drilling of 1000 feet @$6 per foot..	6000.00
Supervision by Mining Engineer	1000.00

Note: The above at estimates which will vary depending upon findings and size of ore bodies located during exploration.

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

(RECONSIDERED UNDER DOCKET DMEA-2572)

Docket No. dma 1036 X

Date received 4-20-51

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

Syringa Development Association
2101 Ellis Ave.
Boise, Idaho

Name and address of applicant

Date April 12, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Not applicable (prospecting only)
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: (See Attachment No. 1 on name, etc.)
   (*a*) Linear feet of shafts. None
   (*b*) Linear feet of drifts and crosscuts. None
   (*c*) Linear feet of tunnels or adits. None
   (*d*) Linear feet of other mine openings (explain briefly). 6 pits, open, all in ore. Total 80 Linear Ft.
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. No flooding.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 65 miles north of Cascade, Idaho.
   (*b*) Mining district. Yellow Pine mining district.
   (*c*) Township, Section, Range. T 18N R 8E Sec 9.
   (*d*) County, State. Valley County, Idaho
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. No.
   (*b*) Are you operating this property as:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production None
   If not in production or operation, estimated date when production will begin June 15, 1951
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. (See Attachment No. 2)
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. (See Attachment No. 3 for History) etc.)
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

16—63792-1

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
James H. Carr VA Hospital, Boise, Idaho	President & Gen. Mgr. (D)	none	850,000	Not Applicable		Not Applicable	
Guy H. Herbert, Jr Rt.6, Boise, Idaho	Mining Engineer (D)	"	35,000	"	"	"	"
Burton L. Moore 2101 Ellis Ave., Boise, Ida.	Sec-Treas. (D)	"	25,000	"	"	"	"
Hubert Martin Idaho Bldg., Boise, Idaho	Construction Engineer (D)	"	60,000	"	"	"	"
E.P. Whitaker 615 Linden, Boise, Idaho	Mechanical Engineer (D)	"	25,000	"	"	"	"
James C. Julius 1311 Juanita Dr., Boise, Ida	(D)	"	15,000	"	"	"	"
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock Not applicable	$	$	$		
Preferred stock Not applicable	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	No production				
2. Quantity of product processed (specify unit of measure and type of process)	" "				
3. Quantity and grade of product sold or shipped (specify units of measure)	" "				

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Not applicable

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. (See Attachment No. 4)

ATTACHMENT NO. 1

SYRINGA DEVELOPMENT ASSOCIATION - - - 2101 Ellis Ave., Boise, Idaho

GENERAL TECHNICAL DATA

(Question No.2)

2. The name of the mine is "Syringa Mine;" quartz type; no mill or smelter; no drilling operations.
   (a) None
   (b) None
   (c) None
   (d) 6 pits, open, all in ore. Total 80 linear feet.

   Mine is not flooded, therefore there is no pumping problem.

ATTACHMENT NO. 2

SYRINGA DEVELOPMENT ASSOCIATION - - - 2101 Ellis Ave., Boise, Idaho

ENGINEERING AND GEOLOGICAL MANAGEMENT

(A) All engineering and geology for the Syringa Associates will be handled by Guy H. Herbert, Jr.

Qualifications

(1) Registered licensed professional engineer in mining. License No. 728.
Past Experience: Production Superintendent Colorado Zinc Mines, Panamint Springs, Cal. Produced most zinc in State of California first two years during war in said production reported to Economics Division, United States Bureau of Mines, C. W. Merrill, Supervisor.

(2) Superintendent and general manager Minas Carilena S. A. Mexico.
Ores produced and shipped: gold, lead, copper.
Period: 6 years.
Other experience in mining capacity over a period of 14 years in the mining profession and some business and construction experience.

(B) Business management will be directed by Mr. James M. Carr, president & General Manager.

Qualifications

(1) During the past five years, Mr Carr has served as manager of the Veterans Administration Hospital in Boise, Idaho. This position involves all administrative responsibility for operation of the hospital, including direction of expenditure of approximately $1,400,000 per annum. He served as a full colonel throughout World War II and prior to the war operated private hardware stores in western Oregon. From 1926 to 1933 was partner manager of six retail merchandise stores in western Oregon. From 1933 to 1938 served as Subdistrict Commander of CCC in Idaho & Oregon. Between 1938 and 1940 operated hardware stores mentioned above.

(C) Construction engineer for program is Hubert Martin, head of Martin Construction Co., Boise, Idaho.

Attachment No. 2. Continued.

(C) continued: (Martin Construction Co.)

Qualifications

(1) The Martin Construction company, of which Mr Martin is head, is an established firm in Idaho. It handles both light and heavy construction as well as road and highway building, and excavation work. This firm has handled some $4,000,000 worth of work for the Bradley Mining property at Stibnite, Idaho, and is presently engaged in mining road construction in the Yellowpine area.

ATTACHMENT NO. 3

SYRINGA DEVELOPMENT ASSOCIATION . . . . 2101 Ellis Ave., Boise, Idaho

7. History:

No. 7 (a) not applicable.

No. 7 (b)

PRODUCTION OF ADJACENT PROPERTY TO THE

SYRINGA GROUP

The antimony ridge group which lies approximately one mile north on the same ridge as the Syringa Group has produced high grade antimony which was sorted and shipped over a period of some three years; its production is not known but several carloads of assorted ores were shipped; some hand jigging of the finer ores was done successfully; the Bradley Mining property known as the Stibnite Open pit is approximately six miles east of the Syringa Group and the current production is a matter of record; ore reserves are known and more accurate information will be in the Government files and can be furnished. This operation, however, is one of the largest and most successful in Idaho. Similar types of structures are evidenced between the property quoted above.

No. 7 (c) See attached copy of letter from M.E. Volin, Chief Mining Division, Region II, U.S. Department of the Interior. (See next page)

7. History (continued)

(C O P Y)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Albany, Oregon
April 6, 1951

Mr Guy H. Herbert, Jr.
Route 6
Boise, Idaho

Dear Mr Herbert:

This will acknowledge your letter of April 3, 1951, requesting information conerning the Antimony Ridge-Pioneer Groups of mining claims and the investigations conducted by the Bureau of Mines in 1939 and 1940. Your letter also requested that any factual information regarding the work, particularly recommendations for development in these areas, be forwarded to Mr Weissenborn for attachment to your application for a DMA exploration-development loan on the Syringa Group, which I infer includes parts or all of the Antimony Ridge-Pioneer Groups.

The Bureau of Mines investigations are described in an unpublished report prepared by S.H. Lorain. This gives general information about the ore deposits and specifically describes bulldozer trenching work done on Antimony Ridge and the Pioneer claims. It appears that most of the work performed at Antimony Ridge was on the Bradley property. With respect to the Pioneer property, the report describes a number of small trenches and side hill cuts to find the source of some high-grade stibnite float appearing in rock slides and overburden on the west side of Antimony Ridge. Massive stibnite 16 inches wide was opened up at one point. The work was not carried forward because of the small crew available at that time.

The object of the Bureau of Mines investigation was to outline the areas of more intense mineralization. The report points to the Pioneer Group as a locality where further work should be done because of the indicated presence of high-grade antimony veins although it notes the possibility that these are "gash" veings of small size. The report recommends a future prospecting and exploratory program including deposits outlying to the Bradley, but not mentioning the Pioneer Group. This work was never done because the Bradley operations effectively exploited what was considered the best part of the antimony resources.

I hope that this information, though general, will be of some help to you in your application for a DMA exploration-development loan. If this office can be of further assistance to you, please do not hesitate to write me.

Sincerely yours,
S/M.E. Volin
M.E. Volin, Chief
Mining Division, Regi-

ATTACHMENT NO. 4

SYRINGA DEVELOPMENT ASSOCIATION . . . .2101 Ellis Ave., Boise, Idaho

12. Ore or Mineral Reserves:

(a) GEOLOGY OF ANTIMONY STRUCTURE ALONG JOHNSTONE CREEK FAULT AT RIORDAN CREEK

District involved is Yellow Pine Mining District, Valley County, Idaho. Property is 4½ miles South of Yellow Pine just off the forest road to the North of Riordan Creek.

The writer has worked for a number of years to secure the true pattern of of fault action thus revealing the resultant fissuring and probable pattern for ore deposition.

The Johnstone Creek fault is one of the major faults running South to North with vertical displacement of several hundred feet. Thickness of the crushed zone is about 300 feet. Down-thrust due to heavy Pendant Pre-Cambian beds has caused a fracture presently occupied by Riordan Creek. This fracture is S 65° E thus giving a jointed granitic shear with parallel members taking a fracture course of N 57° E and resultant fissures a course of N 80° E.

The N 80° E fissures appear to be up to 30' in width with dif of 72° S. These fissures are filled with altered wall rock and silica residules. In these fissures where exposed heavy mineralization occurs. Antimony Sulphide is predominant in atleast one fissure of more than mineable width. Samples taken from visible material give an average of 20% Antimony. These samples give an analysis of no penalty elements above minimum allowable quantities. In the granite shear plane fills of Antimony occur of a size and quality atleast equal to if not greater than those at Stibnite, Idaho, open pit. In an adjacent large fissure float samples of schulite are found. This fissure has large bodies of Calcium Titanium Silicate exposed and it is assumed schulite is probably deposited along this type of fill. A third fissure exposed at higher elevation contains lead zinc in Sulphide form.

The writer recommends this structure above any others investigated in the Yellow Pine section for exploration. It is a reasonable conclusion that large deposits of profitable Antimony ore will be discovered and very probable that high grade bodies of tungsten will be found. All of this can be accomplished at a minimum of expense.

I, Guy H. Herbert, Jr., a certified, licensed professional engineer, Mining, State of Idaho, do hereby certify that all of the facts set out herein are true and correct to the very best of my knowledge and belief.

REGISTERED PROFESSIONAL ENGINEER 728 STATE OF IDAHO GUY H. HERBERT, JR.

Guy H. Herbert Jr.

Subscribed and sworn to before me this 28th day of March, 1951.

L. M. Greene

Notary Public for Idaho
Residence: Boise, Idaho

ATTACHMENT NO. 6

SYRINGA DEVELOPMENT ASSOCIATION . . . . . 2101 Ellis Ave., Boise, Idaho

18. Additional conditions and circumstances affecting over-all operation:

(1) With reference to Question No. 3 (a) of the Application Form, it is desired to point out that present road from Cascade, Idaho, to the Syringa Group is a graded, improved forest service road which is kept open the year around. This would make possible operation of the mining property 12 months each year.

(2) Another factor that will have a great deal of bearing at a later date relative to getting the ore to market, is the fact that an improved road is to be built this summer from McCall, Idaho, to Yellow Pine, which would then make McCall the nearest town and shipping point. The distance to McCal, which is almost due west of the Syringa Group, would be 28 miles via the new road. This road is to be constructed under provisions of the Mine-to-Market Access Road Bill.

(3) Reference is also made to Question No. 2 of the Application relative to smelters. In this connection the Bradley Mines smelter is located about 20 miles east of the Syringa Group, accessable by improved forest service road the year round. Bradley Smelter has advised that it would accept custom ore, which would make possible smeltering of ore produced by the Syringa Group mines almost at the site and shipment of concentrate to market.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) Prospecting					
Indicated (probable) SB_2 S-3	2000 Tons per day - 50 yr	Unknown	Unknown	Market	$6.00 per Ton

(*c*) If placer: Not applicable

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Forest Service improved road 4½ miles to Yellow Pine, which is supply & residence point.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year. Riordan Creek Association has water rights for minimum 10 Sec. ft. mining & power year round.

15. Power:

State amount of power used, rate per hour, and source thereof. Idaho Power Company substation ¼ mile from mine; available power 2500 KVA at current Idaho Industrial rate.

16. Labor: Not applicable.

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: Not applicable

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. (See Attachment No. 6)

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Syringa Development Association
(Name of company)

By J.M. Carr
(Signature of authorized official)

April 12, 1951
(Date)

President & General Manager
(Title)

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—63792-1

ATTACHEMENT NO. 5

SYRINGA DEVELOPMENT ASSOCIATION . . . . . 2101 Ellis Ave., Boise, Idaho

12. (b)

GEOLOGY SUPPLEMENT FOR THE ATTACHED MAP ON THE SYRINGA GROUP

The geologic information given according to map legend is as near as possible the structural formation on the Johnson Creek and Riordan Creek fault system. The prospects giving value and those not giving value are in the form of open pits or deep trenches. It will be noted there is large mass of granites involved. These granites vary in character from fine grain granodiorites to course pegmatities containing large feldspathic crystals. In the areas marked by the fissure system there has been considerable alteration and staining on the adjacent granites. Most of this staining is of the light yellow oxide antimony. The brown staining of titaniums and in some cases considerable staining corresponding to cobalt oxide bloom. On the fissure showing PB., ZN., SB., massive float specimens are found in the overburden all the way down Riordan Creek. In the prospect hole part above the last stripping area well mineralized body of quartz with good values is exposed approximately 20 feet in width. There are no croppings on the area marked as overburden. However, as is shown by the control map this is the area we must uncover for economy operation either by open pit or by drills. The diamond drill holes marked are probable locations. Results of the stripping would govern the placing of these drilling holes to prove the depth of ore. This stripping will start on the exposed fissure area marked "strip completely." Considerable information and probably considerable ore will be exposed at the point of shallow overburden. Estimated cost of this initial work on which the full program will be based is 10 days Caterpillar work at an estimated cost of $1,000.00. While this work is being done direct control and direction will be given by licensed mining engineer. Survey of results with assays will be furnished the Defense Minerals Administration immediately upon completion of the first work and their advice asked in planning further stripping operations. The bedded mineral quartzites and shales do not appear as a continuous body but are in line. These beds are immersed in the granitic magma with tongues of granite intruding and separating the bodies in places. There is no question in the writer's mind but what these bedded minerals acted as a roof pendant or blanket permitting concentration of fuming minerals or mineral solutions. The line of quartzites, particularly those showing garnetization or those ~~by~~ altered epidote, contain scheelite concentrated in small fissure intersections and disseminated throughout the body. No scheelites have been found above these quartzite beds.

It is hoped this attachment and the map will furnish sufficient information to judge our application. A recent letter from Mr. Velin of the Albany

Branch, United States Bureau of Mines states he is filing for attachment prior records on this group of claims. Mr. Don White of the U.S.G.S. did considerable geology on this area and a letter has been written asking his cooperation in furnishing information.

Not all the claims in this particular group are included on this map, just those portions of the claims under the immediate development program are shown. Supplemental geologic maps will be furnished and should the findings justify expanded program, adjustments with permission of the DMA Field Force will be submitted.

6/16/52 gla

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

June 13, 1952

Re-DMA 1036X
Reconsidered under DMEA 2572
Syringa Development Associates
J. M. Carr
2101 Ellis Avenue
Boise, Idaho
Exploration $41,000
Antimony

Memorandum

To: Mr. E. W. Ellis

From: Abbott Renick, Base Metals Branch

Subject: Recommendation for field referral.

Applicant submits a revised prospecting program for 75 percent government participation for antimony, consisting of adits, drifting, diamond drilling, bulldozer work, etc.

Applicant states, "that consulting fees for engineering should be allowed at the rate of 10 percent on the project cost, plus approximately $1,200 for assaying the sampling costs. The supervisor cost will probably total 5 percent."

The writer considers that the revised project does not justify the proposed expenditures and that the recommendation of the Field Team report (Docket DMA 1036X) should be sustained.

Abbott Renick

DEPARTMENT OF THE INTERIOR
Office of Administration
Library
JUN 13 1952

DMEA-2572
(REVISED)

RECEIVED

MAY 26 1952

U. S. G. S.
SPOKANE, WASH.

SYRINGA ASSOCIATES
% GUY H. HERBERT, JR.
ROUTE #6
BOISE, IDAHO

MAY 21, 1952.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 9 1952

Defense Minerals Exploration Administration
Washington 25, D. C. - Via Spokane Office

SUBJECT: D.M.A. CASE NO. 1036 X

Gentlemen:

As engineer for the Syringa Associates in regards to their application on the Pioneer Group ~~of claims in the~~ Yellow Pine district, Valley County, Idaho, I wish to submit the following:

At the suggestion of Mr. Youngberg, examining engineer for the Defense Minerals Administration in Spokane and the notification by the Washington office of the D.M.A. last fall, I am submitting a sketch showing the revised prospecting program suitable to the project. You will note the approximate location of the lower tunnel. This elevation of 5400' is assumed. It is not more than 5400' in relation to the base point with an elevation of 4917'. The upper tunnel will start at approximately 6100', extending 100' under the 6250' level which has exposed Tungsten in a form of scheelite. Tungsten float and indications are found also on Claims #3 and #1, so it is felt that a dual program of exploration for antimony and Tungsten is justified.

Subject to the approval by or adjustment in collaberation with the D.M.E.A. field terms, we request consideration of the following amount of work:

> At lower tunnel #1, ~~course~~ cross cut 500' in length, crossing the area of fissures and veins. Drifting from a point to be selected with the approval of D.M.E.A. engineers, a drift paralleling the vein structure for 300' in the ~~extreme~~ easterly direction to permit two Diamond Drill stations. 800' of Diamond Drill holes angled to cut all possible vein structures from this drift are requested.

Total cost of the lower tunnel — 800' tunnel and drift at $40.00 per foot will amount to $32,000 and 800' of Diamond Drill holes at $8.00 per foot will amount to $6,400. A sum total of $38,400.

A tunnel of 100' in length directly under the 6250' cropping, crossing the bedded structures on Claim #5 is requested also 600' of drill holes through the bedded structure and angled toward the vein structure as shown on Claim #3 is requested. Total cost of this would be — 600' at $8.00 per foot will amount to $4,800. 100' at $40.00 per foot will amount to $4,000. A total sum of $8,800.

Consulting ~~the above~~ fees ~~a~~ for ~~general~~ engineering should be allowed at the standard

rate of 10% on project cost, plus approximately $1,200.00 for assaying the sampling costs. The supervisor cost will probably total 5%.

We respectfully request consideration of the program and request that complete collaberation in adjusting the program with the D.M.E.A. engineers be performed. We further wish to state that we will care for all samples and cores furnishing at least one-half of each for analysis and disposal by the D.M.E.A., U.S.G.S. and the U.B.M.

Guy H. Herbert Jr.

GUY H. HERBERT, JR.
REGISTERED PROFESSIONAL ENGINEER
ROUTE # 6 - BOISE, IDAHO

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

(RECONSIDERED UNDER DOCKET DMEA-2512)

Docket No. dmal 1036 X

Date received 4-20-51

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

Syringa Development Association
2101 Ellis Ave.
Boise, Idaho
Name and address of applicant

Date April 12, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Not applicable (prospecting only)
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: (See Attachment No. 1 on name, etc.)
   (*a*) Linear feet of shafts. None
   (*b*) Linear feet of drifts and crosscuts. None
   (*c*) Linear feet of tunnels or adits. None
   (*d*) Linear feet of other mine openings (explain briefly). 6 pits, open, all in ore. Total 80 Linear Ft.
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. No flooding.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 65 miles north of Cascade, Idaho.
   (*b*) Mining district. Yellow Pine mining district.
   (*c*) Township, Section, Range. T 18N R 8E Sec 9.
   (*d*) County, State. Valley County, Idaho
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. No.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production None
   If not in production or operation, estimated date when production will begin June 15, 1951
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. (See Attachment No. 2)
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. (See Attachment No. 3 for History, etc.)
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
James M. Carr VA Hospital, Boise, Idaho	President & Gen. Mgr. (D)	none	$50,000	Not Applicable		Not Applicable	
Guy H. Herbert, Jr Rt.6, Boise, Idaho	Mining Engineer (D)	"	35,000	"	"	"	"
Burton L. Moore 2101 Ellis Ave., Boise, Ida.	Sec-Treas. (D)	"	25,000	"	"	"	"
Hubert Martin Idaho Bldg., Boise, Idaho	Construction Engineer (D)	"	80,000	"	"	"	"
E.P. Whitaker 615 Linden, Boise, Idaho	Mechanical Engineer (D)	"	25,000	"	"	"	"
James G. Julius 1311 Juanita Dr., Boise, Ida	(D)	"	15,000	"	"	"	"
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock Not applicable	$	$	$		
Preferred stock Not applicable	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	No production				
2. Quantity of product processed (specify unit of measure and type of process)	" "				
3. Quantity and grade of product sold or shipped (specify units of measure)	" "				

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Not applicable

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. (See Attachment No. 4)

ATTACHMENT NO. 1

SYRINGA DEVELOPMENT ASSOCIATION - - - 2101 Ellis Ave., Boise, Idaho

GENERAL TECHNICAL DATA

(Question No.2)

2. The name of the mine is "Syringa Mine;" quartz type; no mill or smelter; no drilling operations.
   (a) None
   (b) None
   (c) None
   (d) 6 pits, open, all in ore. Total 80 linear feet.

Mine is not flooded, therefore there is no pumping problem.

ATTACHMENT NO. 2

SYRINGA DEVELOPMENT ASSOCIATION - - - 2101 Ellis Ave., Boise, Idaho

ENGINEERING AND GEOLOGICAL MANAGEMENT

(A) All engineering and geology for the Syringa Associates will be handled by Guy H. Herbert, Jr.

Qualifications

(1) Registered licensed professional engineer in mining. License No. 728.
Past Experience: Production Superintendent Colorado Zinc Mines, Panamint Springs, Cal. Produced most zinc in State of California first two years during war in said production reported to Economics Division, United States Bureau of Mines, C. W. Merrill, Supervisor.

(2) Superintendent and general manager Minas Carilena S. A. Mexico.
Ores produced and shipped: gold, lead, copper.
Period: 6 years.
Other experience in mining capacity over a period of 14 years in the mining profession and some business and construction experience.

(B) Business management will be directed by Mr. James M. Carr, president & General Manager.

Qualifications

(1) During the past five years, Mr Carr has served as manager of the Veterans Administration Hospital in Boise, Idaho. This position involves all administrative responsibility for operation of the hospital, including direction of expenditure of approximately $1,400,000 per annum. He served as a full colonel throughout World War II and prior to the war operated private hardware stores in western Oregon. From 1926 to 1933 was partner manager of six retail merchandise stores in western Oregon. From 1933 to 1938 served as Subdistrict Commander of CCC in Idaho & Oregon. Between 1938 and 1940 operated hardware stores mentioned above.

(C) Construction engineer for program is Hubert Martin, head of Martin Construction Co., Boise, Idaho.

Attachment No. 2. Continued.

(C) continued: (Martin Construction Co.)

Qualifications

(1) The Martin Construction company, of which Mr Martin is head, is an established firm in Idaho. It handles both light and heavy construction as well as road and highway building, and excavation work. This firm has handled some $4,000,000 worth of work for the Bradley Mining property at Stibnite, Idaho, and is presently engaged in mining road construction in the Yellowpine area.

ATTACHMENT NO. 3

SYRINGA DEVELOPMENT ASSOCIATION . . . . 2101 Ellis Ave., Boise, Idaho

7. History:

No. 7 (a): not applicable.

No. 7 (b):

PRODUCTION OF ADJACENT PROPERTY TO THE

SYRINGA GROUP

The antimony ridge group which lies approximately one mile north on the same ridge as the Syringa Group has produced high grade antimony which was sorted and shipped over a period of some three years; its production is not known but several carloads of assorted ores were shipped; some hand jigging of the finer ores was done successfully; the Bradley Mining property known as the Stibnite Open pit is approximately six miles east of the Syringa Group and the current production is a matter of record; ore reserves are known and more accurate information will be in the Government files and can be furnished. This operation, however, is one of the largest and most successful in Idaho. Similar types of structures are evidenced between the property quoted above.

No. 7 (c) See attached copy of letter fromM.E. Volin, Chief Mining Division, Region II, U.S. Department of the Interior. (see next page)

7. History (continued)

(C O P Y)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Albany, Oregon
April 6, 1951

Mr Guy H. Herbert, Jr.
Route 6
Boise, Idaho

Dear Mr Herbert:

This will acknowledge your letter of April 3, 1951, requesting information conerning the Antimony Ridge-Pioneer Groups of mining claims and the investigations conducted by the Bureau of Mines in 1939 and 1940. Your letter also requested that any factual information regarding the work, particularly recommendations for development in these areas, be forwarded to Mr Weissenborn for attachment to your application for a DMA exploration-development loan on the Syringa Group, which I infer includes parts or all of the Antimony Ridge-Pioneer Groups.

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I hope that this information, though general, will be of some help to you in your application for a DMA exploration-development loan. If this office can be of further assistance to you, please do not hesitate to write me.

Sincerely yours,
S/M.E. Volin
M.E. Volin, Chief
Mining Division, Region II

ATTACHMENT NO. 4

SYRINGA DEVELOPMENT ASSOCIATION . . . .2101 Ellis Ave., Boise, Idaho

12. Ore or Mineral Reserves:
(a) GEOLOGY OF ANTIMONY STRUCTURE ALONG JOHNSTONE CREEK FAULT AT RIORDAN CREEK

District involved is Yellow Pine Mining District, Valley County, Idaho. Property is 4½ miles South of Yellow Pine just off the forest road to the North of Riordan Creek.

The writer has worked for a number of years to secure the true pattern of fault action thus revealing the resultant fissuring and probable pattern for ore deposition.

The Johnstone Creek fault is one of the major faults running South to North with vertical displacement of several hundred feet. Thickness of the crushed zone is about 300 feet. Down-thrust due to heavy Pendant Pre-Combian beds has caused a fracture presently occupied by Riordan Creek. This fracture is S 65° E thus giving a jointed granitic shear with parallel members taking a fracture course of N 57° E and resultant fissures a course of N 80° E.

The N 80° E fissures appear to be up to 30' in width with dif of 72° S. These fissures are filled with altered wall rock and silica residules. In these fissures where exposed heavy mineralization occurs. Antimony Sulphide is predominant in atleast one fissure of more than mineable width. Samples taken from visible material give an average of 20% Antimony. These samples give an analysis of no penalty elements above minimum allowable quantities. In the granite shear plane fills of Antimony occur of a size and quality atleast equal to if not greater than those at Stibnite, Idaho, open pit. In an adjacent large fissure float samples of schulite are found. This fissure has large bodies of Calcium Titanium Silicate exposed and it is assumed schulite is probably deposited along this type of fill. A third fissure exposed at higher elevation contains lead zinc in Sulphide form.

The writer recommends this structure above any others investigated in the Yellow Pine section for exploration. It is a reasonable conclusion that large deposits of profitable Antimony ore will be discovered and very probable that high grade bodies of tungsten will be found. All of this can be accomplished at a minimum of expense.

I, Guy H. Herbert, Jr., a certified, licensed professional engineer, mining, State of Idaho, do hereby certify that all of the facts set out herein are true and correct to the very best of my knowledge and belief.

Guy H. Herbert Jr.

Subscribed and sworn to before me this 28th day of March, 1954.

L. M. Greene
Notary Public for Idaho
Residence: Boise, Idaho

ATTACHMENT NO. 5

SYRINGA DEVELOPMENT ASSOCIATION . . . . . 2101 Ellis Ave., Boise, Idaho

12. (b)

GEOLOGY SUPPLEMENT FOR THE ATTACHED MAP ON THE SYRINGA GROUP

The geologic information given according to map legend is as near as possible the structural formation on the Johnson Creek and Riordan Creek fault system. The prospects giving value and those not giving value are in the form of open pits or deep trenches. It will be noted there is large mass of granites involved. These granites vary in character from fine grain granodiorites to course pegmatities containing large feldspathic crystals. In the areas marked by the fissure system there has been considerable alteration and staining on the adjacent granites. Most of this staining is of the light yellow oxide antimony. The brown staining of titaniums and in some cases considerable staining corresponding to cobalt oxide bloom. On the fissure showing PB., ZN., SB., massive float specimens are found in the overburden all the way down Riordan Creek. In the prospect hole part above the last stripping area well mineralized body of quartz with good values is exposed approximately 20 feet in width. There are no croppings on the area marked as overburden. However, as is shown by the control map this is the area we must uncover for economy operation either by open pit or by drills. The diamond drill holes marked are probable locations. Results of the stripping would govern the placing of these drilling holes to prove the depth of ore. This stripping will start on the exposed fissure area marked "strip completely." Considerable information and probably considerable ore will be exposed at the point of shallow overburden. Estimated cost of this initial work on which the full program will be based is 10 days Caterpillar work at an estimated cost of $1,000.00. While this work is being done direct control and direction will be given by licensed mining engineer. Survey of results with assays will be furnished the Defense Minerals Administration immediately upon completion of the first work and their advice asked in planning further stripping operations. The bedded mineral quartzites and shales do not appear as a continuous body but are in line. These beds are immersed in the granitic magma with tongues of granite intruding and separating the bodies in places. There is no question in the writer's mind but what these bedded minerals acted as a roof pendant or blanket permitting concentration of fuming minerals or mineral solutions. The line of quartzites, particularly those showing garnetization or those by altered epidote, contain scheelite concentrated in small fissure intersections and disseminated throughout the body. No scheelites have been found above these quartzite beds.

It is hoped this attachment and the map will furnish sufficient information to judge our application. A recent letter from Mr. Volin of the Albany

Branch, United States Bureau of Mines states he is filing for attachment prior records on this group of claims. Mr. Don White of the U.S.G.S. did considerable geology on this area and a letter has been written asking his cooperation in furnishing information.

Not all the claims in this particular group are included on this map, just those portions of the claims under the immediate development program are shown. Supplemental geologic maps will be furnished and should the findings justify expanded program, adjustments with permission of the DMA Field Force will be submitted.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) Prospecting					
Indicated (probable) SB_2 S-3	2000 Tons per day - 50 yr	Unknown	Unknown	Market	$6.00 per Ton

(*c*) If placer: Not applicable

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Forest Service improved road 4½ miles to Yellow Pine, which is supply & residence point.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year. Riordan Creek. Association has water rights for minimum 10 Sec. ft. mining & power year round.

15. Power:

State amount of power used, rate per hour, and source thereof. Idaho Power Company substation ¼ mile from mine; available power 2500 KVA at current Idaho Industrial rate.

16. Labor: Not applicable.

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: Not applicable

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

(See Attachment No. 6)

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Syringa Development Association
(Name of company)

By J.M. Carr
(Signature of authorized official)

April 12, 1951
(Date)

President & General Manager
(Title)

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—63792-1

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

(RECONSIDERED UNDER DOCKET DMA-2572)

Docket No. DMA 1036X

Date received 5-9-51

Participation

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

Syringa Development Association
2101 Ellis Ave.
Boise, Idaho

Name and address of applicant

Date May 7, 1951

FILL IN THIS BLOCK

Date of application April 12, 1951

Estimated cost $41,000

Mineral or metal Mineral

Percentage of Government participation 75%

Location of mine Yellow Pine District, Idaho

Date of filing MF-100 April 12, 1951

DMA Docket Number, if available DMA-1036X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? See MF-100

*2. If a partnership, state names and addresses of partners. See MF-100

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See MF-100

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See MF-100

*5. Are you the owner or the lessee of the property. See MF-100

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Not applicable.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. See Attachment No. 1.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Applicant prepared invest $10,000. Yes, it is sufficient.

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

Docket 1036 (Cont.)

Page 1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. See Attachment No. 2.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. See No. 2.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. See MP-100

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. See MP-100

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source. See MP-100

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. See MP-100

15. State in detail how the ore could be shipped and how and where milled. (See MP-100.

*16. History: See MP-100

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production: See MP-100

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) See MP-100

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. See Attachment No. 3.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Antimony, Tungsten & Allied minerals.

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. See Attachment No. 4.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data. See MP-100 and attachments thereto

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above. See Attachment No. 5.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. See Attachment No. 6.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Syringa Development Association
(Name of company)

By J.M. Carr
(Signature of authorized official)

May 7, 1951
(Date)

President & General Manager
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

ATTACHMENT NO. 1.

Syringa Development Association. . . . . 2101 Ellis Ave., Boise, Idaho

8. Financial Statement of Association:

Assets:

Cash on Hand	$4000.00
Invested in development, including development expenditures, geology, water rights, power site, etc../	6000.00
Testing Equipment	500.00
Total Assets	10,500.00

Liabilities:

None.

Profits and Losses:

None.

Attachments No. 2.

Syringa Develolment Association. . . . . .2101 Ellis Ave., Boise, Idaho

10. (a) Mining Claims as follows:
Power Nos. 1 & 2
Syringa Nos. 1, 2, 3 &4
Claims filed at Cascade, Idaho, County Seat of Valley County.

(b) T18N R8E Sec 9, Yellow Pine district, Valley County, Idaho.

ATTACHMENT NO. 3

Syringa Development Association.. ... . 2101 Ellis Ave., Boise, Idaho

19. Circumstances and committments of the bulldozer operator required use of the equipment in stripping of overburden starting May 10, 1951. Therefore, if application is approved, it is requested that the contract be dated as of May 10, 1951.

ATTACHMENT NO. 4

Syringa Development Association . . . . . .2101 Ellis Ave, Boise, Idaho

21. Proposed work is that of stripping of overburden from area where geology and croppings and color streaks indicate presence of antimony and tungsten; tunnel work and diamond drilling to prove continuity of deposits. It is anticipated that this work will take five to six months.

ATTACHMENT NO. 5

Syringa Development Association . . . . . .2101 Ellis Ave., Boise, Idaho

23. (a) 1 Mining Engineer @$18 per day; 1 Construction Engineer @$18 per day; 1 surveyor and 1 sampler @$15 each per day; 1 miner at $12 per day; 2 muckers and 1 timberman @ $12 each per day.

(b) See item (a) above which includes supervisors.

(c) None

(d) Lodging and meals available at Yellowpine, 4 miles distance. Construction of storage and shop shed estimated at $1000.00.

(e) 1 compressor @$2000.00; 2 drills @$1000; 1 truck @$3000.00.

(f) $100 per day for bulldozer caterpillar and $6 per foot for diamond drilling.

(g) None.

(h) Powder, caps and fuses @$2.25 per foot of tunnel for total of 300 feet tunnel. Blasting equipment $10.00 and hand tools $50.00.

(i) No costs at present.

ATTACHMENT NO. 6

Syringa Development Association. . . . . 2101 Ellis Ave., Boise, Idaho

24. During 1st 30 days :

2 men surveying and sampling.	$800.00
Bulldozer work stripping @$100 per day.	1000.00
Supervision by Mining Engineer	500.00
Trips & incidentals.	400.00

During next 60 days:

Bulldozing of overburden 50 days at $100 per day	5000.00
1st tunnel of 200 feet @$25 per foot.	5000.00
Diamond drilling of 2000 feet @$6 per foot.	12,000.00
Supervision by Mining Engineer.	1000.00
Equipment necessary.	6500.00

During next 60 days:

Bulldozing overburden 30 days @100 per day.	3000.00
Second tunnel of 100 feet @$25 per foot.	2500.00
Completion of diamond drilling of 1000 feet @$6 per foot..	6000.00
Supervision by Mining Engineer	1000.00

Note: The above at estimates which will vary depending upon findings and size of ore bodies located during exploration.

ATTACHMENT NO. 6

SYRINGA DEVELOPMENT ASSOCIATION . . . . . 2101 Ellis Ave., Boise, Idaho

18. Additional conditions and circumstances affecting over-all operation:

(1) With reference to Question No. 3 (a) of the Application Form, it is desired to point out that present road from Cascade, Idaho, to the Syringa Group is a graded, improved forest service road which is kept open the year around. This would make possible operation of the mining property 12 months each year.

(2) Another factor that will have a great deal of bearing at a later date relative to getting the ore to market, is the fact that an improved road is to be built this summer from McCall, Idaho, to Yellow Pine, which would then make McCall the nearest town and shipping point. The distance to McCall, which is almost due west of the Syringa Group, would be 28 miles via the new road. This road is to be constructed under provisions of the Mine-to-Market Access Road Bill.

(3) Reference is also made to Question No. 2 of the Application relative to smelters. In this connection the Bradley Mines smelter is located about 20 miles east of the Syringa Group, accessable by improved forest service road the year round. Bradley Smelter has advised that it would accept custom ore, which would make possible smeltering of ore produced by the Syringa Group mines almost at the site and shipment of concentrate to market.

EXPLORATION

Subject: DMEA-2572
Re: Exploration Loan
Syringa and Power Mines
June 9, 1952

Mr. Guy H. Herbert, Jr.
Syringa Development Association
2101 Ellis Avenue
Boise, Idaho

My dear Mr. Herbert:

This will acknowledge receipt of your letter dated May 21, 1952, regarding the Pioneer Group of claims in Valley County, Idaho.

Your letter was assigned Docket Number DMEA-2572 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2572 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

DMEA-2572
(REVISED)

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
JUN 6 1952

June 3, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: DMA Docket No. 1036X, Antimony-Tungsten, Syringa Associates, Valley County, Idaho

Dear Mr. Johnson:

Enclosed are three copies of a revised proposal by the Syringa Associates which they are submitting in reopening their application for exploration assistance. One copy is being retained at this office. The new proposal is apparently a follow-up of Mr. Lyons' letter of August 10, 1951, in which he states that a new application would be considered if a carefully worked out program is presented.

The data presented in the enclosed proposal probably is not complete enough to write a contract. Additional information is also required to determine the feasibility of the project. It is suggested that the application be returned to the field for additional information if it is to be considered for a contract.

The property has some merit and probably should be given some further field study. A less ambitious program involving a smaller sum of money might be considered. The property is still in the prospect stage and not enough information is available to lay out a large exploration program.

Sincerely yours,

Elton A. Youngberg

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

cc: USBM

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

So. 157 Howard Street
Spokane 4, Washington

June 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
(Spokane)
JUN 6 1952

Mr. Frank A. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: DMA Docket No. 10361, Antimony-Tungsten, Syringa Associates, Valley County, Idaho

Dear Mr. Johnson:

Enclosed are three copies of a revised proposal by the Syringa Associates which they are submitting in reopening their application for exploration assistance. One copy is being retained at this office. The new proposal is apparently a follow-up of Mr. Lyons' letter of August 10, 1951, in which he states that a new application would be considered if a carefully worked out program is presented.

The data presented in the enclosed proposal probably is not complete enough to write a contract. Additional information is also required to determine the feasibility of the project. It is suggested that the application be returned to the field for additional information if it is to be considered for a contract.

The property has some merit and probably should be given some further field study. A less ambitious program involving a smaller sum of money might be considered. The property is still in the prospect stage and not enough information is available to lay out a large exploration program.

Sincerely yours,

Milton A. Youngberg
For: A. A. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

cc: USGS

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

No. 157 Howard Street
Spokane 4, Washington

June 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 6 1952

Mr. Frank A. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: DMA Docket No. 10362, Antimony-Tungsten, Syringa Associates, Valley County, Idaho

Dear Mr. Johnson:

Enclosed are three copies of a revised proposal by the Syringa Associates which they are submitting in reopening their application for exploration assistance. One copy is being retained at this office. The new proposal is apparently a follow-up of Mr. Lyons' letter of August 20, 1951, in which he states that a new application would be considered if a carefully worked out program is presented.

The data presented in the enclosed proposal probably is not complete enough to write a contract. Additional information is also required to determine the feasibility of the project. It is suggested that the application be returned to the field for additional information if it is to be considered for a contract.

The property has some merit and probably should be given some further field study. A less ambitious program involving a smaller sum of money might be considered. The property is still in the prospect stage and not enough information is available to lay out a large exploration program.

Sincerely yours,

Elton A. Youngberg
For: A. L. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: DMA

RECEIVED DMEA-2572 (REVISED)

MAY 26 1952

U. S. G. S.
SPOKANE, WASH

SYRINGA ASSOCIATES
% GUY H. HERBERT, JR.
[illegible]
[illegible], IDAHO

MAY 21, 1952.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 9 1952

Defense Minerals Exploration Administration
Washington 25, D. C. - Via Spokane Office

Subject: D.M.E.A. Case No. 1036X

Gentlemen:

As engineer for the Syringa Associates in regards to their application on the Pioneer Group of claims in the Yellow Pine District, Valley County, Idaho, I wish to submit the following:

At the suggestion of Mr. Youngberg, examining engineer for the Defense Minerals Administration in Spokane and the notification by the Washington office of the D.M.E.A. last fall, I am submitting a sketch showing the revised prospecting program suitable to the project. You will note the approximate location of the lower tunnel. This elevation of 5400' is assumed. It is not more than 5500' in relation to the base point with an elevation of 6917'. The upper tunnel will start at approximately 6200', extending 100' under the 6250' level which has exposed Tungsten in a form of scheelite. Tungsten float and indications are found also on Claims #3 and #1, so it is felt that a dual program of exploration for antimony and Tungsten is justified.

Subject to the approval by or adjustment in collaboration with the D.M.E.A. field terms, we request consideration of the following amount of work:

> At lower tunnel #1, ~~course~~ cross cut 500' in length, crossing the area of fissures and veins. Drifting from a point to be selected with the approval of D.M.E.A. engineers, a drift paralleling the vein structure for 330' in the extreme direction to permit two Diamond Drill stations. 100' of Diamond Drill holes angled to cut all possible vein structures from this drift are requested.

Total cost of the lower tunnel -- 500' tunnel and drift at $20.00 per foot will amount to $10,000 and 600' of Diamond Drill holes at $8.00 per foot will amount to $5,600. A sum total of $15,600.

A tunnel of 100' in length directly under the 6250' crossing, crossing the bedded structures on Claim #5 is requested also 600' of drill holes through the bedded structure and angled toward the vein structure as shown on Claim #3 is requested. Total cost of this would be -- 600' at $8.00 per foot will amount to $4,800. 100' at $40.00 per foot will amount to $4,000. A total sum of $8,800.

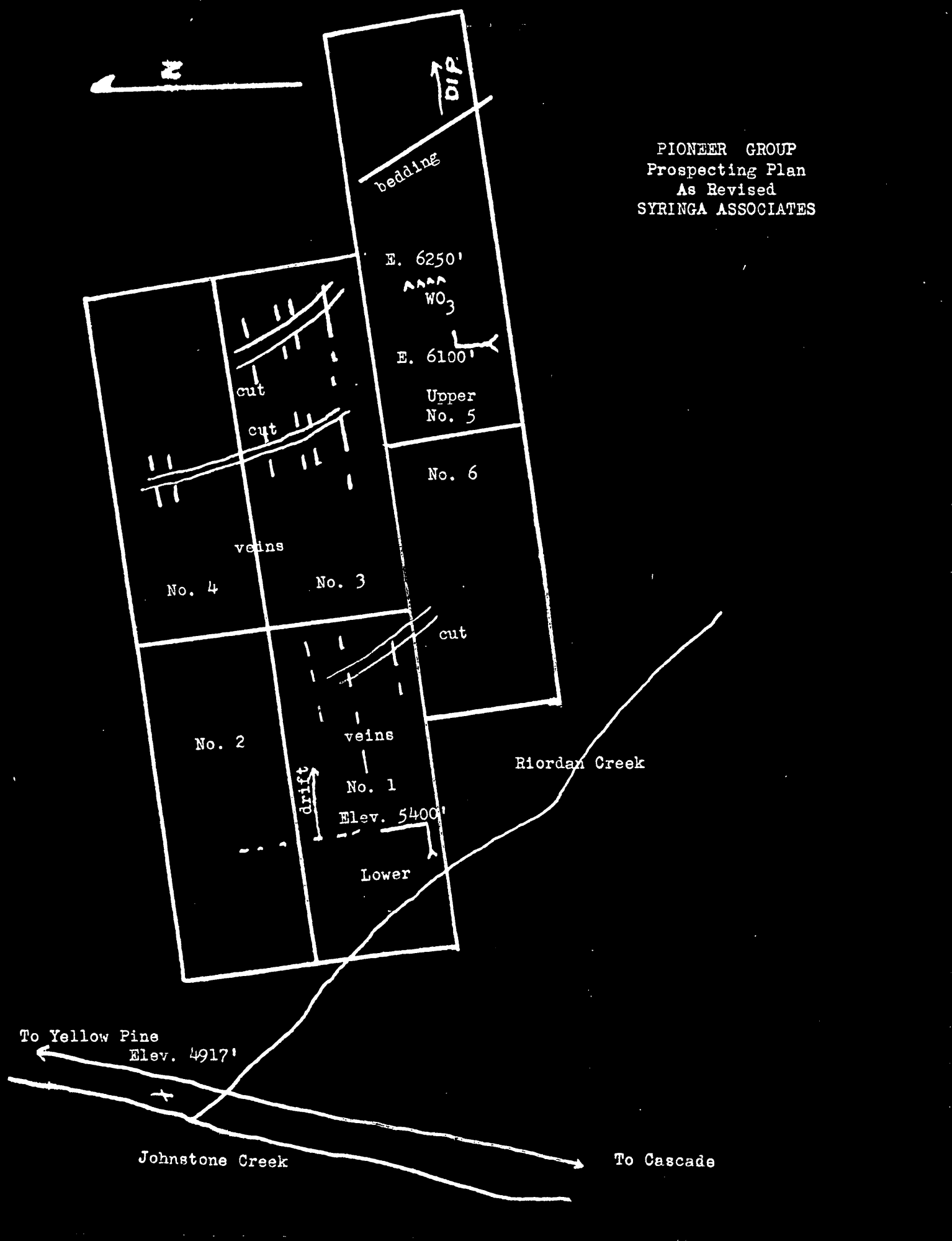
Consulting ~~the above & general~~ fees for engineering should be allowed at the standard

rate of 10% of project cost, plus approximately $1,200.00 for carrying the sampling costs. The supervisor cost will probably total 5%.

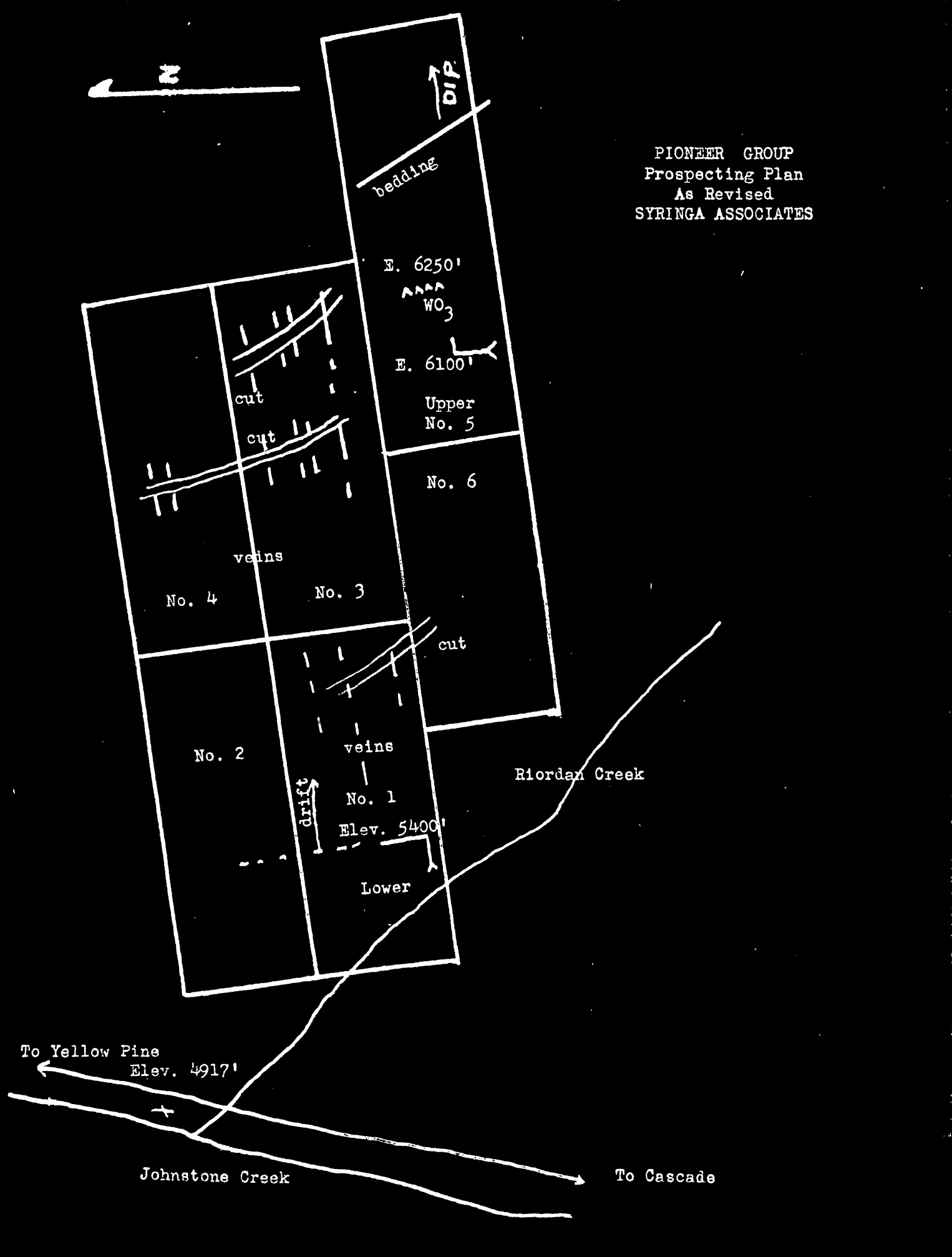
We respectfully request consideration of the program and request that complete collaboration in adjusting the program with the U.N.R.A. engineers be performed. We further wish to state that we will care for all samples and cores furnishing at least one-half of each for analysis and disposal by the U.N.R.A., U.S.G.S. and the U.S.N.

[redacted]
[redacted]
[redacted] # 6 - [redacted]

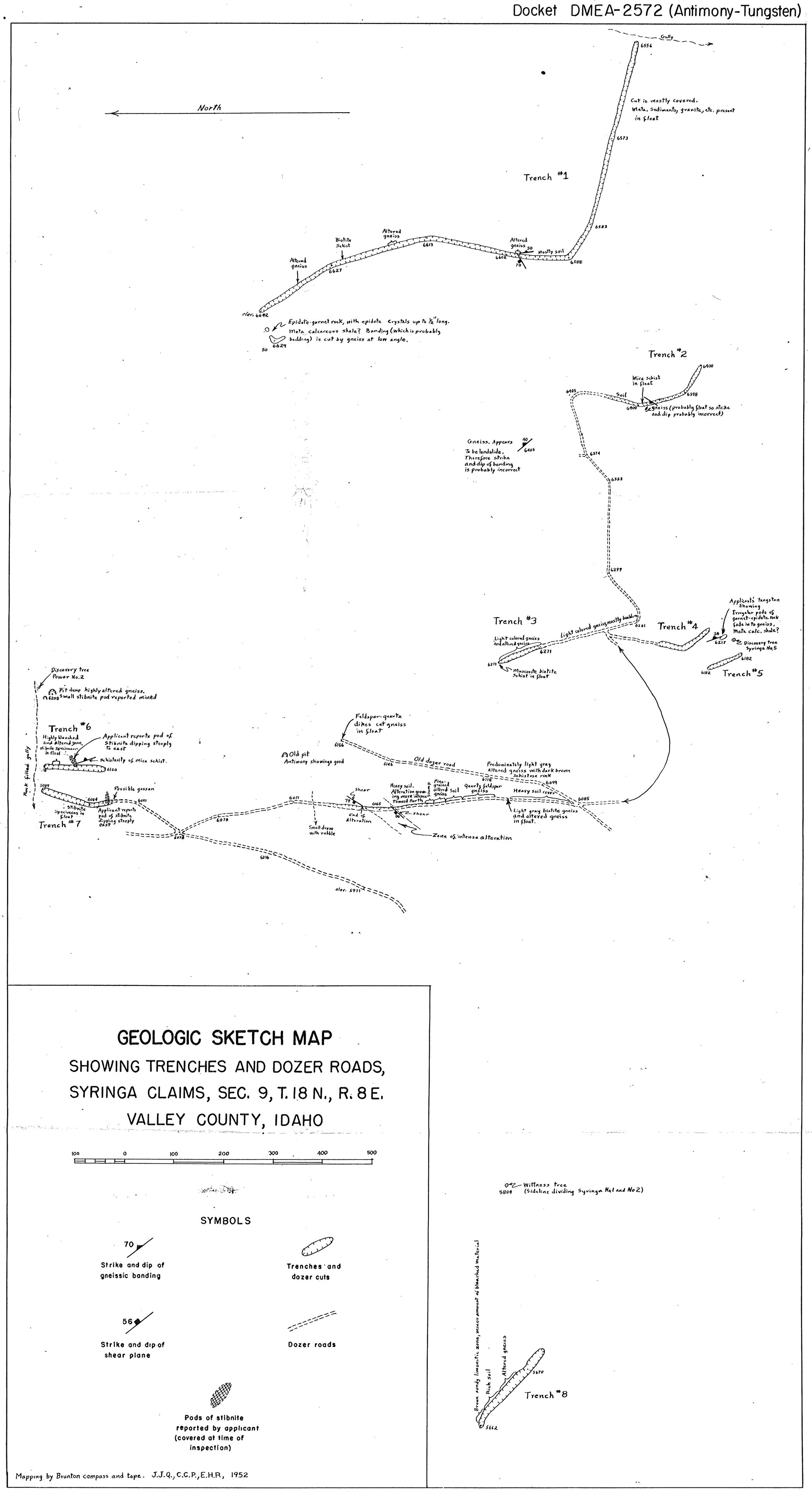
Mr. John Ford
General Services Administration
Room 5129
General Services Administration Bldg.



PIONEER GROUP
Prospecting Plan
As Revised
SYRINGA ASSOCIATES



PIONEER GROUP
Prospecting Plan
As Revised
SYRINGA ASSOCIATES



GEOLOGIC SKETCH MAP

SHOWING TRENCHES AND DOZER ROADS, SYRINGA CLAIMS, SEC. 9, T. 18 N., R. 8 E. VALLEY COUNTY, IDAHO

100 0 100 200 300 400 500

SYMBOLS

70 — Strike and dip of gneissic banding

Trenches and dozer cuts

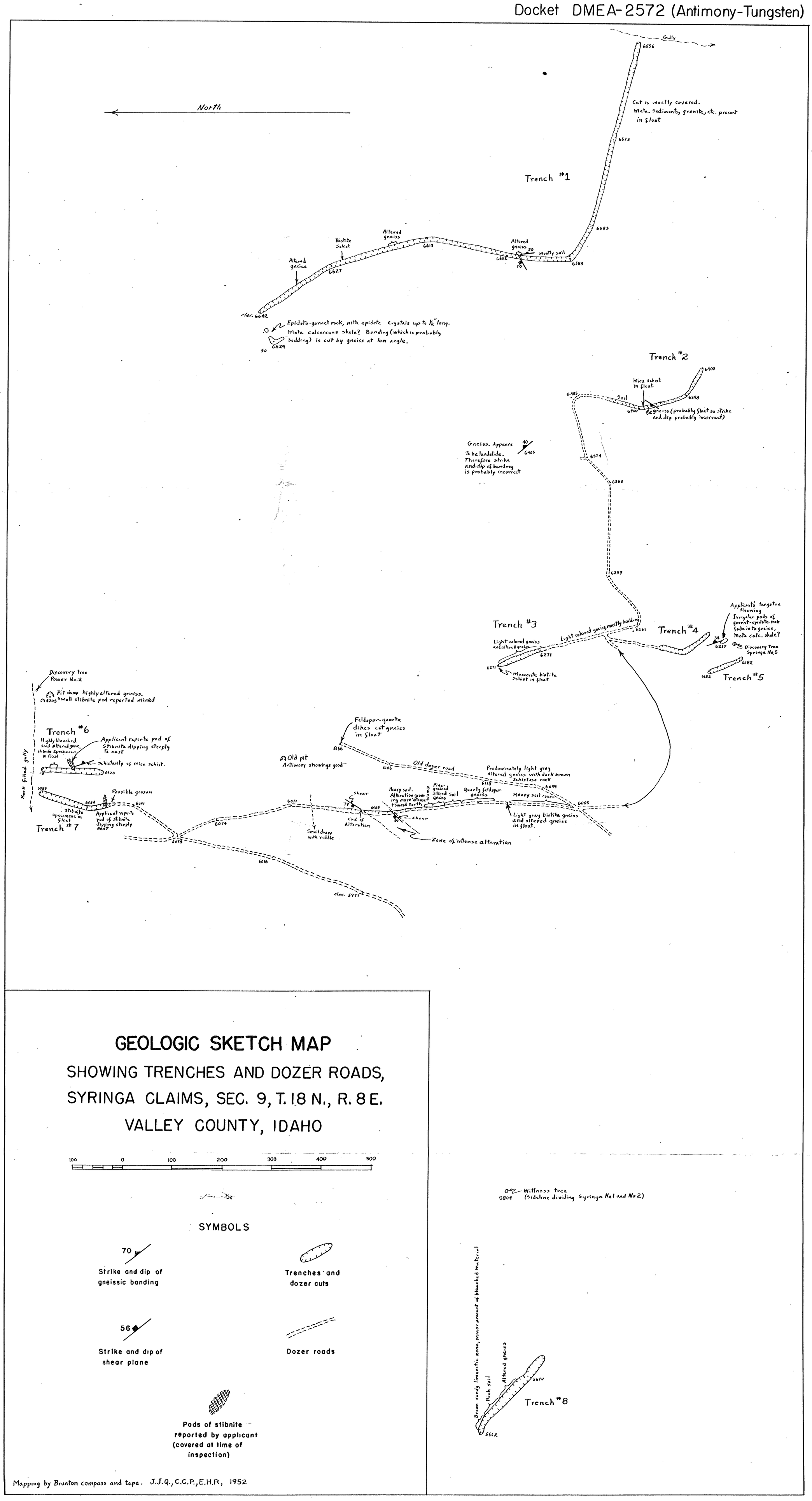
56 — Strike and dip of shear plane

Dozer roads

Pods of stibnite reported by applicant (covered at time of inspection)

Mapping by Brunton compass and tape. J.J.Q., C.C.P., E.H.R., 1952

Docket DMEA-2572 (Antimony-Tungsten)



GEOLOGIC SKETCH MAP

SHOWING TRENCHES AND DOZER ROADS, SYRINGA CLAIMS, SEC. 9, T. 18 N., R. 8 E. VALLEY COUNTY, IDAHO

100 0 100 200 300 400 500

Witness tree
5804 (Sideline dividing Syringa No 1 and No 2)

SYMBOLS

70 — Strike and dip of gneissic banding

Trenches and dozer cuts

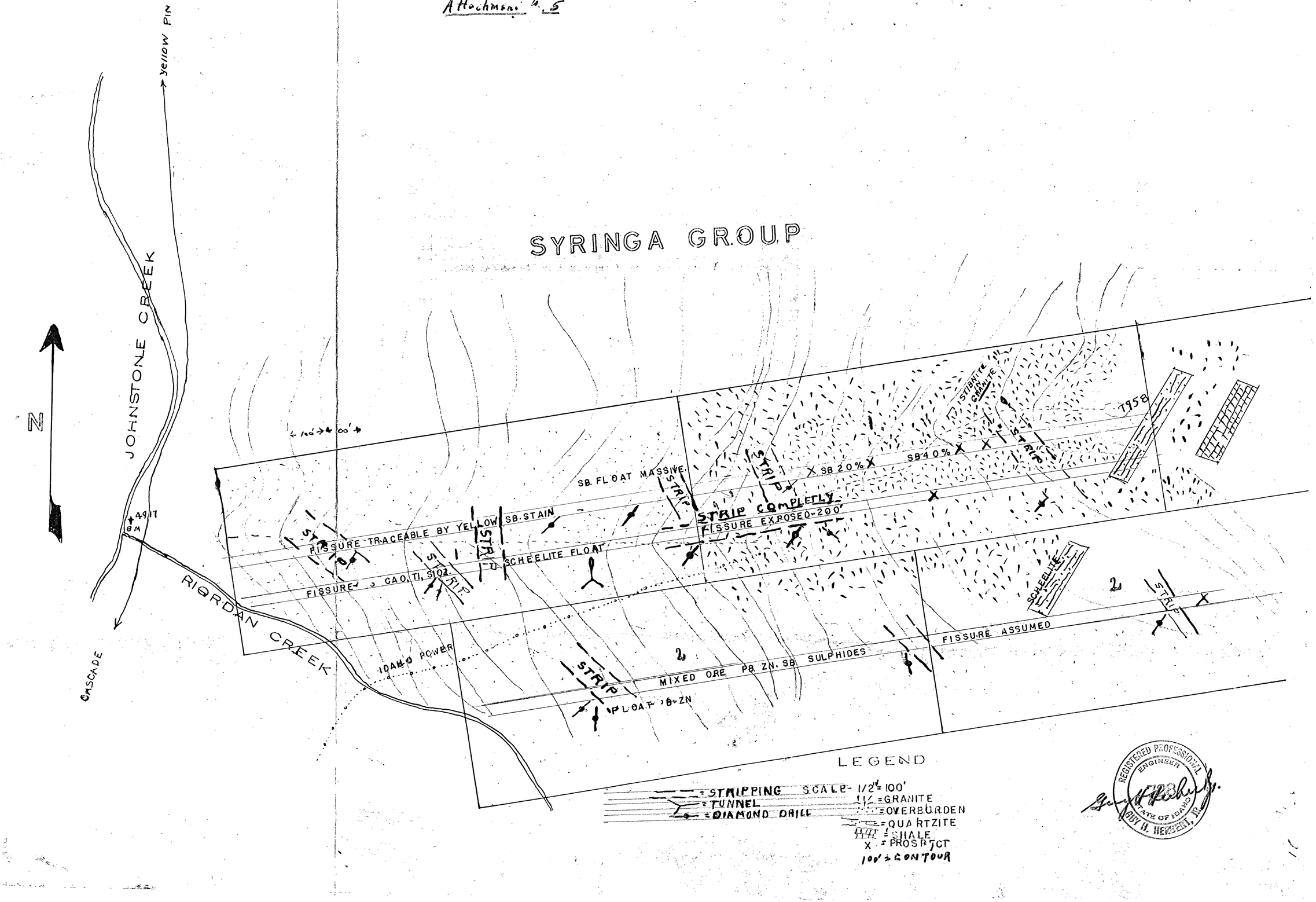
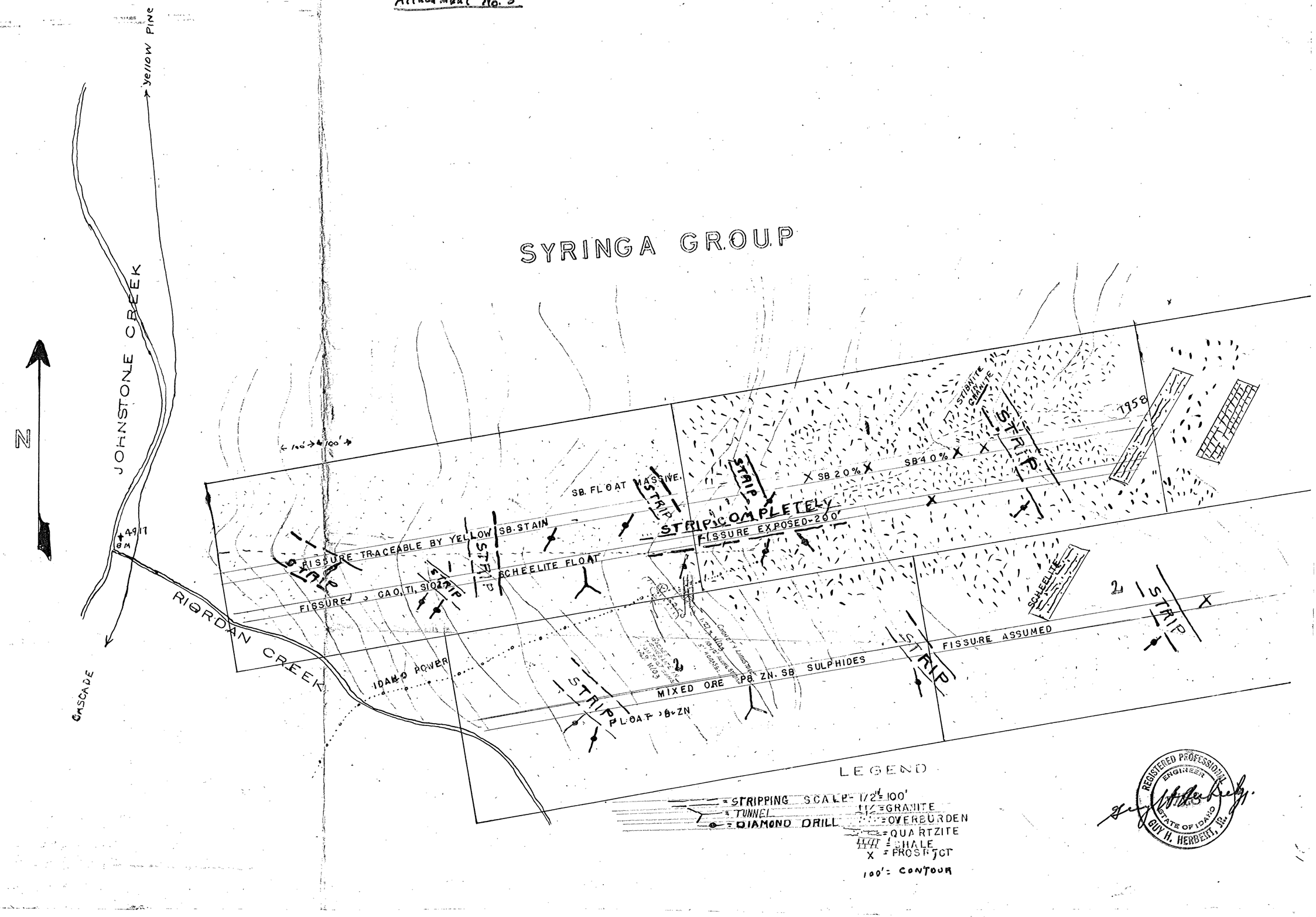
56 — Strike and dip of shear plane

Dozer roads

Pods of stibnite reported by applicant (covered at time of inspection)

Mapping by Brunton compass and tape. J.J.Q., C.C.P., E.H.R., 1952

Attachment No. 5



Attachment No. 5