DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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BATES NO. 156SP0000391

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1952

February 19, 1952

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

Re: Docket DMA-1822X (Copper)
Hansy Copper & Gold Mines
Shoshone County, Idaho

Dear Mr. Johnson:

For the most part we agree with your evaluation of the Hansy Copper & Gold Mines property in the sense that there is no very definite target at which the proposed work is aimed. The surface exposures are not too good, although the structure on which the mine is situated apparently is continuous for some distance. The strength of the structure, plus its location in a province of predominate copper mineralization, and the presence of lenses of copper ore containing several percent Cu were the predominate factors in our approval of a project.

Admittedly the Avery-Adair area has not produced any large amount of copper, and the main production that has been made came from oxide ores. However, interest of larger companies in the general area is reviving. The Day Mines Company now owns the Richmond and Monitor, and they have plans to reopen and rehabilitate a 15,000 foot low-level cross-cut that cuts these two veins at depth. We have no reason to believe that they have other than the most general plans for the area--essentially a look at the geology and structures as a first step in some possible future work.

Our decision on the Hansy property was based on such local consideration as the above. It is one of those border-line cases where a final decision should be based on the general national picture. Should the copper situation be very critical--the general Adair area may be a potential source of supply--but it is still all in the exploration stage of development.

Sincerely yours,

S. W. Hobbs

S. W. Hobbs
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

c.c. USBM

FILE COPY
SURNAME:

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

Schmidt
Ellis
Johnson
Nelson
Thayer

FILE WITH

FEB 14 1952

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

Re: Docket DMA-1822X (Copper)
Hansy Copper & Gold Mines
Shoshone County, Idaho

Dear Mr. Weissenborn:

In making a thorough study of the above captioned project, it appears to us that the application as presently proposed, should be denied.

However, in view of the fact that your office has recommended this project, and in fact increased the amount originally applied for, we are hesitant to decline the application.

This decision has not been arrived at lightly, and is the result of considerable study and consultation. It has been thought that the spending of one half of $59,000.00 by the Government on a property that has not revealed more encouraging results would be a more ambitious program than the indications warrant. There can be no doubt that drifting 900 ft. on the upper or No. 1 Tunnel level, and 500 ft. on the lower or No. 2 Tunnel level, would reveal some interesting geology that might be used as a yard stick in the evaluation of similar prospects in that vicinity.

Even if the work were reduced to drifting 300 feet for the purpose of finding more ore, it seems doubtful in the absence of some definitely known geological feature within that distance, whether there would be anything more than a continuation of what has already been disclosed.

There is nothing in the immediate district to show a favorable pedigree for this kind of prospect, and considerable unsuccessful work has been done on the Monitor and Richmond about 1.5 miles North of the Hansy. The copper values are not continuous nor is the occurrence of the copper mineralization, which might lead one to hope for some widening or improvement in values. The assays given in the report of Preston and Reynolds are not on any continuous ore. The sampling and assaying in this report has not been checked, and while it is evident that your office has confidence in those figures which average 5.55% copper for a width of 2.25 ft., these are not sufficiently promising, especially considering the erratic way in which they occur. It is naturally assumed that this is the best showing in the workings.

Since there has been no data submitted in assays, geology or dimensions, indicating any widespread copper mineralization, either as low grade ore, or as promising gossan, it is assumed that indications of this kind are not of sufficient importance to merit favorable consideration.

It is understood that the owners are operating more or less continuously. If they encounter ore or geological conditions that put a more promising light on this matter, we would naturally be pleased to reconsider the application. In view of developments up to this time we do not believe this application should be approved. We regret this particularly since your office has recommended it. However, before taking final action we would appreciate your considered views concerning our opinion on this application.

Sincerely yours,

2-14-52

(signed) FRANK E. JOHNSON (HB)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

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

J. P. Thayer (HB)
Member, Geological Survey

FSchmidt/jem
2/11/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, C.H. Rm. 3621
Nelson, Ned Rm. 4216 GS
Ellis
Schmidt
Field Team, Region II

2/7/52 glu

IN REPLY REFER TO:

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

February 7, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: Mr. N. E. Nelson

Subject: DMA-1822, Hansey Copper and Gold Mines, Shoshone County, Idaho.

Comment

No recent reference work on the area within which this prospect occurs is available. Umpleby and Jones in Bulletin 732 USGS describe prospects and small mines in the general vicinity, but the Bulletin contains no reference to this prospect which probably had not been discovered at the time the field work was done in 1916.

Reasoning by analogy, the prospect in general has little chance as numerous siderite veins in the area, in the Wallace formation, have had work done upon them and not one seems to have been an important producer. To the northeast the Richmond and Monitor mines had some production prior to and during World War I, but it was not important. The Richmond mine was well prospected during the high copper market of the War I period.

Also reasoning by analogy it could be pointed out that the copper veins of the South Belt (Dry Belt) in the Coeur d'Alene area amounted to little when cutting through the Wallace and St. Regis rocks, but on entering the Revett and Burke formations made rich mines. Tetrahedrite characterized their upper parts and with galena makes the rich ore of the mines. These minerals are not mentioned in connection with the Hansey and may not be known in that immediate area.

Judging from the surface distribution of the Wallace formation it is a long vertical distance to the lower members of the Coeur d'Alene series and much money would be required to reach them as they finally did in the South Belt years after the possibility was pointed out.

Instead of raising the proposed allotment from $50,000 to $59,000, it should be reduced, or, better, none at all should be made.

N. E. Nelson

Ned E. Nelson
Geologist

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

February 7, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: Mr. N. E. Nelson

Subject: IMA-1822, Hansey Copper and Gold Mines, Shoshone County, Idaho.

Comment

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Instead of raising the proposed allotment from $50,000 to $59,000, it should be reduced, or, better, none at all should be made.

N. E. Nelson

Ned E. Nelson
Geologist

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

February 5, 1952

Memorandum

To: Mr. Schmitt, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMA 1822X, Hawsy Copper and Gold Mines, Inc., Shoshone County, Idaho

I have reviewed the application and Field Team report on the above named project.

Applicant's data include 6 samples taken on the intermediate level at unspecified points along a 40-foot oreshoot, averaging about 5½ percent copper and 2.2 feet in width. Field Team examiners did not sample or otherwise confirm this showing, but if it is assumed to be as represented, it still does not warrant committing $30,000 of Government funds to the program outlined, consisting of 1,400 feet of drifting and 170 feet of raise. Unless the known oreshoot is proved to be extensive and reasonably continuous, it could not be developed and mined profitably. Its non-appearance on the bottom level discourages much expectation of downward continuity.

If the justification for the proposed work is not the hope of extending the presently-known oreshoot, then the project must be regarded as more highly speculative, and the hope would be to find another and better oreshoot farther west in the "structure." In that case, the unproductive record of the district should be considered.

It seems to me that 250 or 300 feet of drifting might be given assistance as a first stage, to be followed by further drifting and raising if results give encouragement. I do not recommend approval of the project submitted.

C. H. Johnson
C. H. Johnson

Copy to Mr. Nelson, U.S.G.S.
Minerals Division
Base Metals Branch
Files

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 21 8 13 11 52

So. 157 Howard Street
Spokane, 4, Washington

Reviewed by
DMEA OPERATING COMMITTEE
1-25-52
(date) RL

January 15, 1952

MEMORANDUM

To: C. O. Mittendorf, Chairman, Operating Committee.

From: Field Team, Region II.

Subject: DMA Docket 1822X - Hansy Copper and Gold Mines, Inc., Shoshone County, Idaho.

Transmitted herewith are 4 copies each of Form MF-100, memorandum report on the geological feasibility by S. Warren Hobbs, memorandum report on a cost study by E. G. Erickson, and one copy of Form MF-103. The other copies of MF-103 are presumably in your files.

The project is recommended for approval as outlined in Mr. Erickson's memorandum. The overall cost is estimated at $59,000. The excess cost of $9,000 over the original application for $50,000 has been approved by the applicant.

The data herewith submitted is thought to be sufficiently complete to enable a contract to be drawn up by your office.

By Field Team, Region II

A. E. Weissenborn
A. E. Weissenborn,
Executive Officer

M. E. Volin
M. E. Volin,
Member

Enclosures.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.
JAN 21 8 13 PM '52

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

January 15, 1952

MEMORANDUM

To: A. E. Weissenborn, Executive Officer, D.M.E.A. Region II

From: S. Warren Hobbs, U.S.G.S.

Subject: Hansy Copper and Gold Mines, Inc.

The application for an exploration loan for the Hansy Copper and Gold Mines, Inc. has been reviewed and the property examined. The map of the underground workings that accompanies Form MF-100 is found to check very well. A simplified map showing the proposed work is attached herewith for use in preparation of the contract.

We find the analysis of the property as set forth in the report by Preston and Reynolds that accompanies the application to be fairly sound. The mine is an essentially unproved area, but one in which copper mineralization is quite wide-spread even though sparse. A number of strongly developed carbonate and carbonate-quartz veins, of which the Hansy vein is one, occur in the vicinity and can be traced for considerable distances. About 1-1/2 miles north of the Hansy mine, two of these veins produced some oxide copper ore at the Monitor and Richmond mines in the period preceding 1916. At depth on these properties, the oxide ore gave way to sulfide ore that proved to be uneconomic at the then prevailing prices.

The workings at the Hansy mine have substantiated the existence of a prominent structure and have opened a small narrow shoot of copper ore of commercial grade on the two upper levels. The most recent work on the lower or number three level has found what may be a downward extension of this same zone.

In view of the prominence of the structure, and the proven existence of commercial copper mineralization in small amounts, we recommend the granting of a modest exploration loan to test more fully the length, thickness and grade of the present mineral showings, and to determine whether other shoots of ore might occur in the vein structure at sufficiently close intervals to make their exploitation economically feasible. We feel that an exploration program can be worked out to test adequately the structure for an expenditure of approximately $50,000.

An evaluation of facilities and equipment and the competency of the operators cannot be made until forms MF-100 and MF-103 are more fully completed.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
JAN 21 8 13 PM '52

1201 N. Division St.
Spokane 2, Wash.
January 10, 1952

MEMORANDUM

To: M.E. Volin, Member, DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Cost estimate for exploration work proposed by Hansy Copper and Gold Mines, Inc., DMA Docket 1822X

Exploration as outlined by Mr. W. Hobbs of the Geological Survey consists of 900 feet of drifting (approx. 5' x 7') on No. 2 level; 500 feet of drifting (approx. 5' x 7') on the No. 1 level; and 170 feet of raising (2-comp. approx. 8' x 5') from No. 2 level to No. 1 level. It is estimated that some, say 20 percent, of the drifting will have to be timbered. The raise will be 2-compartment, chute lined on manway side only, manway compartment timbered and complete with timber slide, ladders, pipe, etc.

It is proposed to do the outlined program with 4 miners and a working supervisor. The company will furnish the operating equipment. As no motor or mucking machine is listed it is assumed tramming and shoveling will be done by hand. A single shift operation is planned and will take an estimated 18 months to complete at a total cost of $59,000.00.

Following is a breakdown of estimated costs presented as Exhibit "A":

Estimated cost of project:

Operating equipment	$ 3,305.90
1400 feet drifting @ $33.16397/ft.	46,429.56
170 feet raising @ $47.24335/ft.	8,031.37
Engineering, geology, assaying and sampling	1,233.17
Total	$59,000.00

Time schedule:

Drifting	15.4 months
Raising	2.6
Total	18 months

Estimated Costs (detailed)

1. Fixtures and Improvements: None

2. Operating equipment:

(a) To be purchased: None

(b) To be rented:

	Max. rental allowance	
1 utility hoist, 4 mos. @ $58	$232.00	
1 slusher and bucket, 4 mos. @ $100	400.00	
1 fan and motor, 18 mos. @ $30	540.00	
Total		$ 1,172.00

(c) To be furnished by Operator on a 60 mo. depreciation of a set fair value:

Item	Value	Monthly use allowance
1 compressor (gas), Worthington, 210 cfm 1 drifter with bar and mountings 1 stoper 1 power saw 2 mine cars 1 air receiver Misc. mine equipment	$6,363.15	$106.05
1 - 1942 Chev. Panel	750.00	12.50
Total	$7,113.15	$118.55

$\frac{\$7,113.15}{60} = \$118.55$

Total - 18 months @ $118.55 $ 2,133.90

3. Rehabilitation and Repairs: None

4. Labor (estimated overall labor cost):

(a) Drifting 1400 feet,
4 miners, 1600 shifts @ $15/day $24,000.

(b) Raising 170 feet,
4 miners, 272 shifts @ $15/day 4,080.

Total $28,080.00

Estimated day's pay rates include overtime.
Allowance of approx. 2 extra shifts/mo.

5. Supervision:

(a) Drifting 1400 ft.		
1 working supervisor, 400 shifts @ $16/shift	$6,400.00	
(b) Raising 170 ft.		
1 working supervisor, 68 shifts @ $16/shift	1,088.00	
Total		$7,488.00

Estimated day's rate includes overtime.

6. Supplies

(a) Timber (drifting)		
1,000 lin. ft. of 10"-12" stull timber @ $0.20/ft.	200.00	
600 lin. ft. of 6"-8" stull timber @ $0.15/ft.	90.00	
Misc. timber (wedges, etc.)	30.00	
8,000 bd. ft. of rough lumber @ $65/1000 bd. ft.	520.00	840.00
Timber (raising)		
500 lin. ft. 10"-12" stulls @ $0.20/ft.	100.00	
700 lin. ft. 6"-8" stulls @ $0.15/ft.	105.00	
3000 bd. ft. rough lumber @ $65/1000	195.00	
Misc. timber (wedges, etc.)	25.00	425.00
(b) Explosives (drifting)		
7 tons powder @ $23.75/100#	3,325.00	
45,000 ft. of fuse @ $13.70/1000	616.50	
5,000 primer @ $21.60/1000	108.00	4,049.50
Explosives (raising)		
1 ton @ $23.75/100#	475.00	
6000 ft. fuse @ $13.70/1000	82.20	
600 primers @ $21.60/1000	12.96	570.16
(c) Repair parts		
Drifting	600.00	
Raising	100.00	700.00

6. Supplies (cont.)

(d) Other

Drifting:		
8 ton 16# rail @ $160/ton	$1,280.00	
1400 ft. 2" pipe @ $34.26/100 ft.	479.64	
1400 ft. 1" pipe @ $16.03/100 ft.	224.42	
1400 ft. 10" galv. vent pipe @ $0.75/ft.	1,050.00	
Drifter steel, 10 sets @ $25/set	250.00	
Bits, 50 carbide bits @ $12/ea	600.00	
Track bolts, 100# keg @ $20/ea	20.00	
Splice bars, 200 pr. @ $0.40/pr	80.00	
Misc. small tools and supplies and freight	800.00	$4,784.06
Raising:		
Drill steel, 2 sets @ $25/set	50.00	
Bits, 6 carbide bits @ $12/ea	72.00	
Ventilation, 170 ft. @ $1/ft	170.00	
2" pipe, 170 ft. @ $34.26/100 ft.	58.24	
1" pipe, 170 ft. @ $16.03/100 ft.	27.25	
Misc. small tools and supplies and freight	200.00	577.49

7. Power

Drifting (gas and oil)	1,500.00	
Raising (gas and oil)	400.00	1,900.00

8. Transportation

Drifting (gas, oil and repairs)	800.00	
Raising (gas, oil and repairs)	200.00	1,000.00

9. Insurance

(a) Fire insurance
(b) Public liability
(c) Workmen's Compensation

Drifting est. of 8% of $28,000	2,240.00	
Raising est. of 8% of $ 4,800	384.00	2,624.00

Calculated on regular time only

10. Contract work

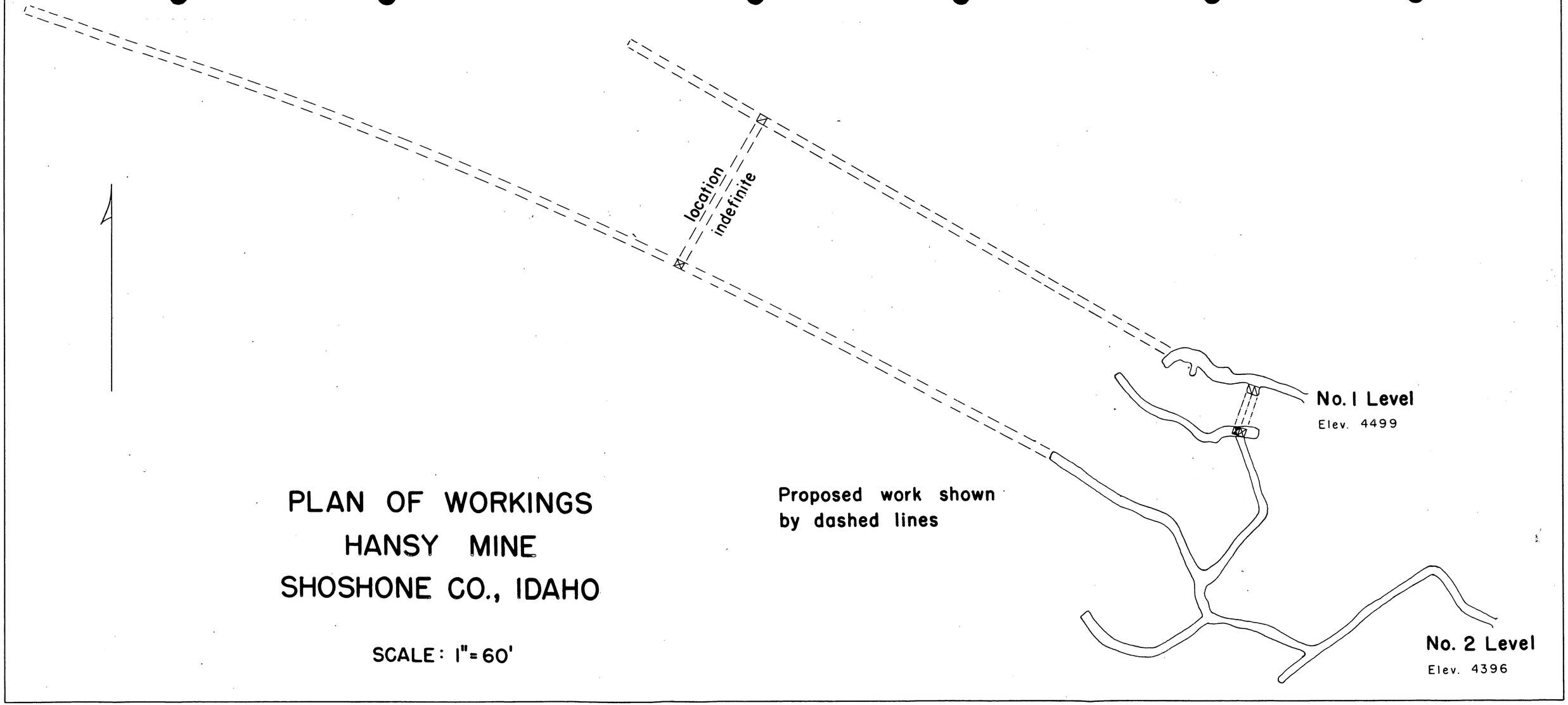
Labor may be contracted at a unit price not to exceed prevailing prices for like work in the district.

11. Other

O.A.B., hospital, accounting, etc. (est. @ 4% of $30,400)	$1,216.00	
Drifting - 4% of $5,168)	206.72	$1,422.72
Engineering, geology, sampling and assaying		1,233.17
Total estimated cost of project		$59,000.00

Eric G. Erickson

E. G. Erickson
Mining Engineer



PLAN OF WORKINGS
HANSY MINE
SHOSHONE CO., IDAHO

Proposed work shown by dashed lines

SCALE: 1" = 60'

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 21 8 13 PM '52

No. 137 Howard Street
Spokane, 4, Washington

Reviewed by
DMEA OPERATING COMMITTEE

1-25-52
(date) KL

January 1[illegible], 1[illegible]2

[illegible]

To: [illegible] Holzendorf, Chairman, Operating Committee.

From: [illegible], Region 1.

Subject: [illegible] - Jersey Copper and Gold Mines, Inc., Shoshone County, Idaho.

Enclosed herewith are 4 copies each of Form [illegible]-100, Memorandum report on the geological feasibility by [illegible] Warren [illegible], Memorandum report on a cost study by [illegible] Richson, and one copy of Form [illegible]-1[illegible]. The other copies of [illegible]-100 are presumably in your files.

The project is recommended for approval as outlined in Mr. Richson's memorandum. The overall cost is estimated at [illegible]. The excess cost of [illegible],000 over the original application for [illegible],000 has been approved by the applicant.

The cost forecast is believed to be sufficiently complete to enable a contract to be drawn up by your office.

[illegible] Hilk[illegible], Region 1.

[illegible] Holzendorf,
Executive Officer

[illegible] Holz,
Member

Enclosures.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible] No. 157 [illegible] Street
[illegible] Spokane 1, [illegible]

January 1[illegible], 1[illegible]

[illegible]

To: [illegible] Eisenbom, Executive [illegible], [illegible]

From: [illegible] Arrem[illegible], [illegible]

Subject: [illegible] Copper and Gold Mines, [illegible]

[illegible] application for an exploration [illegible] for the [illegible] Copper and Gold Mines, Inc. has been received and the property examined. The [illegible] of [illegible] found under the second [illegible] -100 is found to be [illegible] very poor. A simplified [illegible] the proposed work is attached [illegible] for use in preparation of the contract.

[illegible] analysis [illegible] report by [illegible] holes [illegible] the application to be fairly [illegible]. [illegible] is an essentially improved area, [illegible] which copper [illegible] elevation is [illegible] over [illegible] area. A number of [illegible] developed copper [illegible] of which [illegible] is [illegible], [illegible] and can be traced for considerable distance. About 1-1/[illegible] miles north of the [illegible], two [illegible] volcanic [illegible] and white [illegible] are [illegible] other [illegible] for [illegible] 1,1[illegible]. [illegible] properties, [illegible] to [illegible] proved [illegible] uneconomic [illegible] [illegible] prospects.

[illegible] have [illegible] the existence of [illegible] and [illegible] small [illegible] of copper [illegible] commercial grade [illegible] level. [illegible] recent [illegible] lower or [illegible] level [illegible] a [illegible] extension of [illegible].

[illegible] prospects [illegible], [illegible] existence of [illegible] copper [illegible] small [illegible], [illegible] recommend [illegible] explorations [illegible] to [illegible] fully [illegible], [illegible] and [illegible] to determine [illegible] other [illegible] of [illegible] service [illegible] be [illegible] exploration [illegible] economically [illegible]. The [illegible] exploration [illegible] worked [illegible] and [illegible] for an expenditure of approximately [illegible].

[illegible] evaluation [illegible] -100 and [illegible] -1[illegible] are not fully [illegible].

1201 N. Division St.
Spokane 2, Wash.
January 10, 1952

MEMORANDUM

To: M.L. Volin, Member, DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Cost estimate for exploration work proposed by Hanny Copper and Gold Mines, Inc., DMA Docket 1622X

Exploration as outlined by Mr. W. Hobbs of the Geological Survey consists of 900 feet of drifting (approx. 5' x 7') on No. 2 level; 500 feet of drifting (approx. 5' x 7') on the No. 1 level; and 170 feet of raising (2-comp. approx. 8' x 5') from No. 2 level to No. 1 level. It is estimated that some, say 20 percent, of the drifting will have to be timbered. The raise will be 2-compartment, chute lined on manway side only, manway compartment timbered and complete with timber slide, ladders, pipe, etc.

It is proposed to do the outlined program with 4 miners and a working supervisor. The company will furnish the operating equipment. As no motor or mucking machine is listed it is assumed tramming and shoveling will be done by hand. A single shift operation is planned and will take an estimated 18 months to complete at a total cost of $59,000.00.

Following is a breakdown of estimated costs presented as Exhibit "A":

Estimated cost of project:

Operating equipment	$ 3,305.90
1400 feet drifting @ $33.16397/ft.	46,429.56
170 feet raising @ $47.24335/ft.	8,031.37
Engineering, geology, assaying and sampling	1,233.17
Total	$59,000.00

Time schedule:

Drifting	15.4 months
Raising	2.6
Total	18 months

Estimated Costs (detailed)

1. Fixtures and Improvements: None

2. Operating equipment:

   (a) To be purchased: None

   (b) To be rented:

	Max. rental allowance	
1 utility hoist, 4 mos. @ $58	$232.00	
1 slusher and bucket, 4 mos. @ $100	400.00	
1 fan and motor, 18 mos. @ $30	540.00	
Total		$ 1,172.00

   (c) To be furnished by Operator on a 60 mo. depreciation of a set fair value:

Item	Value	Monthly use allowance
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1 - 1942 Chev. Panel	750.00	12.50
Total	$7,113.15	$118.55

$\frac{\$7,113.15}{60} = \$118.55$

Total - 18 months @ $118.55 $ 2,133.90

3. Rehabilitation and Repairs: None

4. Labor (estimated overall labor cost):

   (a) Drifting 1400 feet, 4 miners, 1600 shifts @ $15/day $24,000.

   (b) Raising 170 feet, 4 miners, 272 shifts @ $15/day 4,080.

   Total $28,080.00

Estimated day's pay rates include overtime.
Allowance of approx. 2 extra shifts/mo.

5. Supervision:

(a) Drifting 1400 ft.		
1 working supervisor, 400 shifts @ $16/shift	$6,400.00	
(b) Raising 170 ft.		
1 working supervisor, 68 shifts @ $16/shift	1,088.00	
Total		$7,488.00

Estimated day's rate includes overtime.

6. Supplies

(a) Timber (drifting)		
1,000 lin. ft. of 10"-12" stull timber @ $0.20/ft.	200.00	
600 lin. ft. of 6"-8" stull timber @ $0.15/ft.	90.00	
Misc. timber (wedges, etc.)	30.00	
8,000 bd. ft. of rough lumber @ $65/1000 bd. ft.	520.00	840.00
Timber (raising)		
500 lin. ft. 10"-12" stulls @ $0.20/ft.	100.00	
700 lin. ft. 6"-8" stulls @ $0.15/ft.	105.00	
3000 bd. ft. rough lumber @ $65/1000	195.00	
Misc. timber (wedges, etc.)	25.00	425.00
(b) Explosives (drifting)		
7 tons powder @ $23.75/100#	3,325.00	
45,000 ft. of fuse @ $13.70/1000	616.50	
5,000 primer @ $21.60/1000	108.00	4,049.50
Explosives (raising)		
1 ton @ $23.75/100#	475.00	
6000 ft. fuse @ $13.70/1000	82.20	
600 primers @ $21.60/1000	12.96	570.16
(c) Repair parts		
Drifting	600.00	
Raising	100.00	700.00

6. Supplies (cont.)

(d) Other

Drifting:

8 ton 16# rail @ $160/ton	$1,280.00	
1400 ft. 2" pipe @ $34.26/100 ft.	479.64	
1400 ft. 1" pipe @ $16.03/100 ft.	224.42	
1400 ft. 10" galv. vent pipe @ $0.75/ft.	1,050.00	
Drifter steel, 10 sets @ $25/set	250.00	
Bits, 50 carbide bits @ $12/ea	600.00	
Track bolts, 100# keg @ $20/ea	20.00	
Splice bars, 200 pr. @ $0.40/pr	80.00	
Misc. small tools and supplies and freight	800.00	$4,784.06

Raising:

Drill steel, 2 sets @ $25/set	50.00	
Bits, 6 carbide bits @ $12/ea	72.00	
Ventilation, 170 ft. @ $1/ft	170.00	
2" pipe, 170 ft. @ $34.26/100 ft.	58.24	
1" pipe, 170 ft. @ $16.03/100 ft.	27.25	
Misc. small tools and supplies and freight	200.00	577.49

7. Power

Drifting (gas and oil)	1,500.00	
Raising (gas and oil)	400.00	1,900.00

8. Transportation

Drifting (gas, oil and repairs)	800.00	
Raising (gas, oil and repairs)	200.00	1,000.00

9. Insurance

(a) Fire insurance
(b) Public liability
(c) Workmen's Compensation

Drifting est. of 8% of $28,000	2,240.00	
Raising est. of 8% of $ 4,800	384.00	2,624.00

Calculated on regular time only

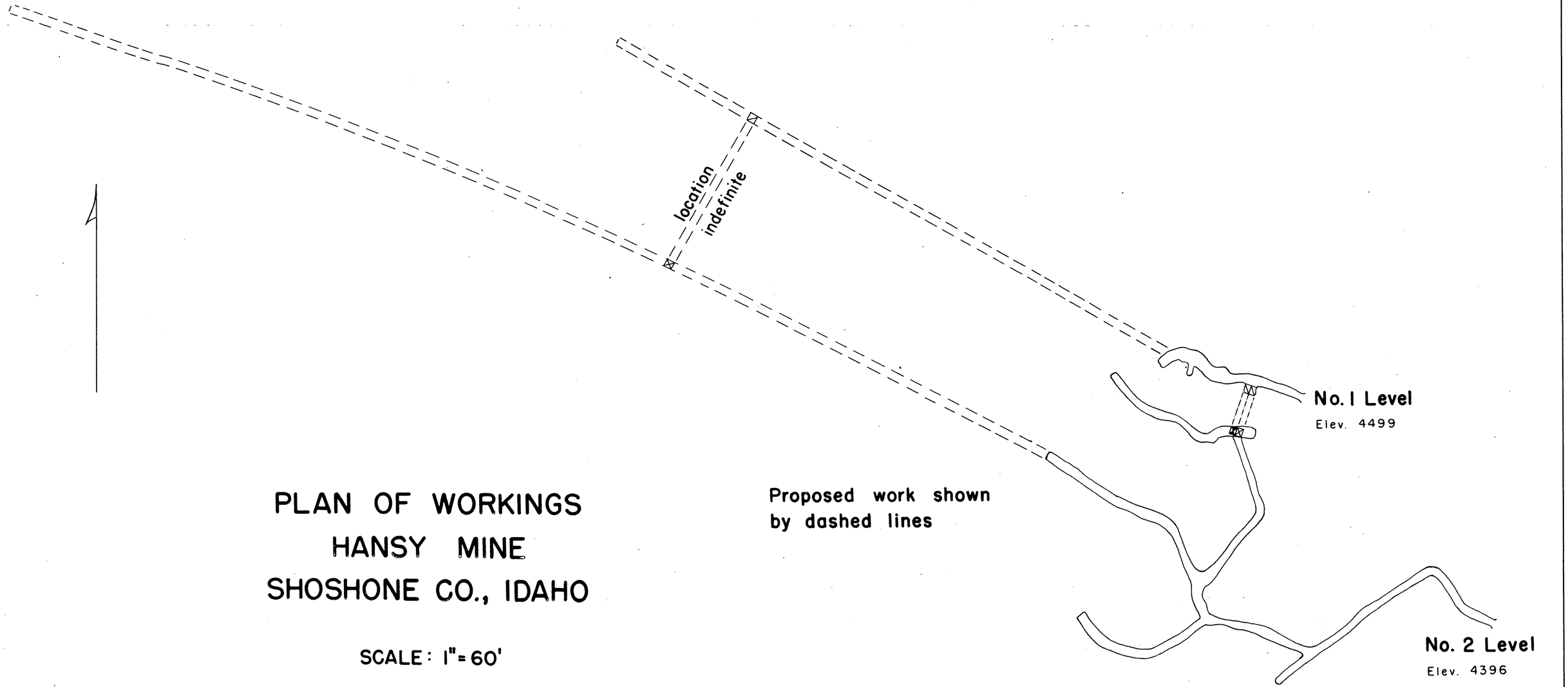
10. Contract work

Labor may be contracted at a unit price not to exceed prevailing prices for like work in the district.

11. Other

O.A.B., hospital, accounting, etc. (est. @ 4% of $30,400)	$1,216.00	
Drifting - 4% of $5,168)	206.72	$1,422.72
Engineering, geology, sampling and assaying		1,233.17
Total estimated cost of project		$59,000.00

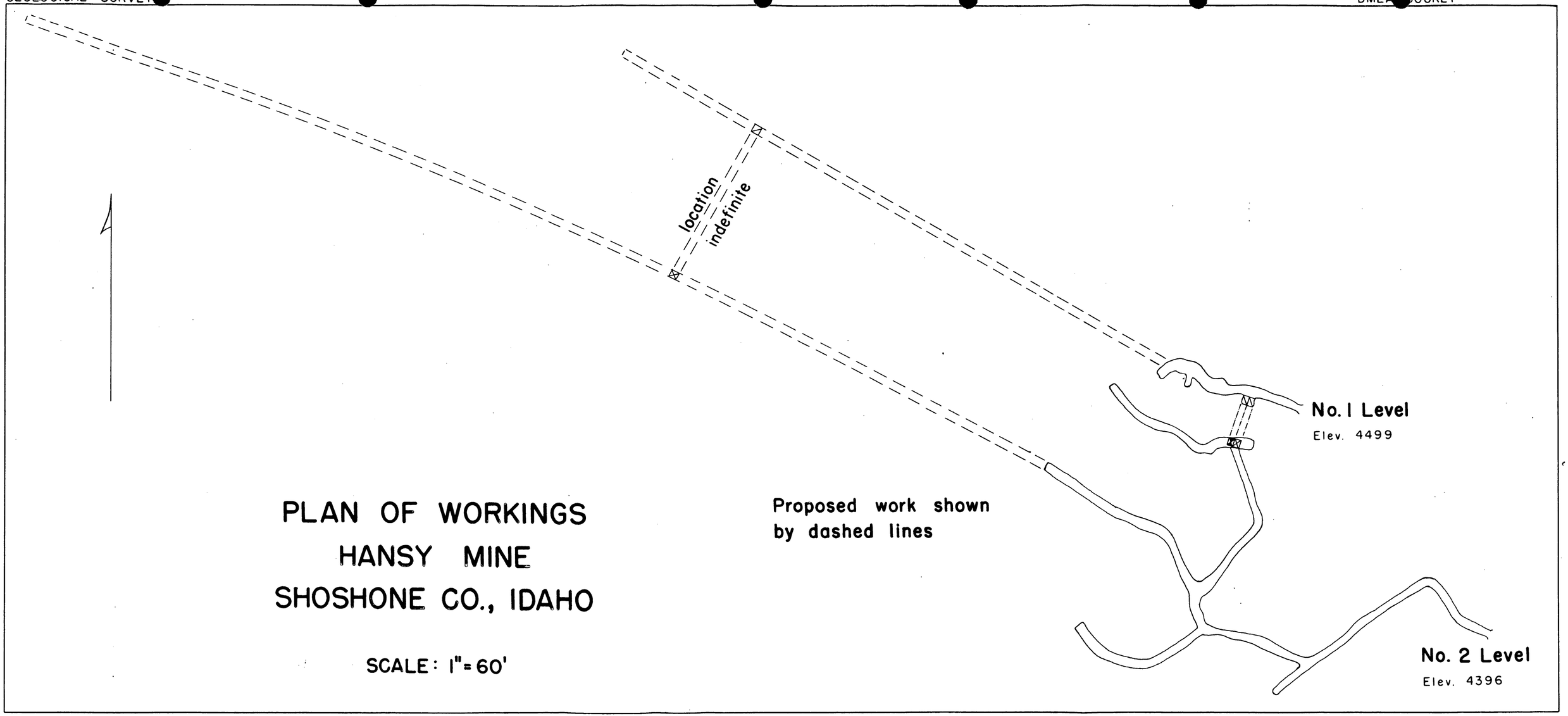
Eric G. Erickson
E. G. Erickson
Mining Engineer



PLAN OF WORKINGS
HANSY MINE
SHOSHONE CO., IDAHO

Proposed work shown by dashed lines

SCALE: 1" = 60'



PLAN OF WORKINGS
HANSY MINE
SHOSHONE CO., IDAHO

Proposed work shown by dashed lines

SCALE: 1" = 60'

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

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

JAN 21 8 13 PM '52

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 18221

Date received 1-21-52

HANSY COPPER AND GOLD MINES, INC.
711 Hutton Building
Spokane 4, Washington

Name and address of applicant

Date June 27, 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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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:
   (*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:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*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 Spring, 1952.
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.
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.
   (*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)
Osa Belsby Amber, Washington	Pres. "D"	None	None	52,607	None	None	None
Osborne Belsby Amber, Washington	V-Pres. "D"	None	100,000	202,265	None	None	None
William F. Brandenburg Spokane, Washington	Treas-Secy. "D"	None	5,000	16,710	None	None	None
Sam Petersen Wallace, Idaho	Director	None	None	126,679	None	None	None
Ruby Brown Sprague, Washington	Director	None	None	46,758	None	None	None
Thelma Petersen Spokane, Washington	Stockholder	None	None	46,758	None	None	None
	Total	None	x x x x x	491,777	None	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)
Class A Common stock	$500,000	$25,829.00	$ 10 cents	258,292	None
Class B common ~~Preferred~~ stock	$500,000	$50,000.00	$ 10 cents	500,000	None

*Indicate period covered.

10. Production: None

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.)	None				
2. Quantity of product processed (specify unit of measure and type of process)	None				
3. Quantity and grade of product sold or shipped (specify units of measure)	None				

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. None

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 engineering reports of Preston and Reynolds.

16—63792-1

(*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)					
Indicated (probable)					

(*c*) If placer:

(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.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

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

17. Equipment and Facilities:

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.

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.

HANSY COPPER AND GOLD MINES, INC.
(Name of company)

By _____
(Signature of authorized official)

June 27, 1951
(Date)

President
(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

1. Materials produced:

   (a) The chief mine product is copper, with some gold and silver.

   (b) None.

2. The mine has been known for many years as the Hansy Mine, and consists of underground workings with three levels and one raise.

The property has approximately 58 feet of raises, the upper adit is approximately 120 feet long, an intermediate tunnel is approximately 120 feet long, and the lower or main working adit is opened by approximately 760 feet of tunnels, drifts and crosscuts. The mine is not flooded, and there are no pumping problems.

3. (a) The mine is located about one mile from the mouth of Ole and Tansy Creeks, near Adair, Idaho. Adair is a siding on the main line of the Chicago,Milwaukee and St. Paul Railroad. The nearest nearby town is Avery, Idaho. The shipping point will be Adair, three miles from the mine.

(b) Mining District: St. Joe.

(c) Township, Section and Range: Sections 20 and 21, Township 46, North, Range 7, E.B.M.

(d) County and State: Shoshone County, State of Idaho.

4. (a) The property has been in operation during the summer of 1951. Operations are presently curtailed due to snow conditions.

(b) Applicant will be operating the mine as owner.

6. (a) Applicant was organized to take over the Hansy mine and since its incorporation January 9, 1942, has been devoting itself solely to this mine.

(b) Applicant has no manager at this time but will select one when work is resumed in the spring of 1952.

7. (a) Applicant has been since 1942, developing this mining property by crosscuts, raises and drifts on the known ore bodies. There have been no long periods of suspension of operation. There has been no production from the property to date.

(b) Applicant is informed that there have been successful copper mines operating in the area many, many years ago but has no factual information concerning the names of the operators or the success of the mining conducted.

(c) Engineers reports have been furnished in accordance with Form MF-103 already submitted.

13. Access Roads. Highway from Wallace, Idaho, or from Avery, Idaho, to mine. Approximate distance from Wallace is 21 miles. From Avery, 21 miles.

14. Water Supply: There is sufficient water from a stream flowing by the property good for all seasons of the year.

15. Power: Power to be used consists of gasoline driven compressor.

16. Labor: During the past summer approximately three men were employed as combination miners and muckers, and paid the prevailing rate in the Coeur d'Alene's of approximately $13.00 per day.

17. Equipment and Facilities: Applicant is furnishing complete mining equipment consisting of adequate housing, a compressor (gasoline, air), mine track, mine cars, drifters, stopers, steel, air lines, and one truck. All this equipment is in serviceable condition.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA

FOR USE UNDER THE

DEFENSE PRODUCTION ACT OF 1950

JAN 21 8 14 PM '52

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 1822

Date received 1-21-52

HANSY COPPER AND GOLD MINES, INC.
711 Hutton Building
Spokane 4, Washington

Name and address of applicant

Date June 27, 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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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:
   (*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:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*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 Spring, 1952.
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.
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.
   (*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)
Osa Belsby Amber, Washington	Pres. "D"	None	None	52,607	None	None	None
Osborne Belsby Amber, Washington	V-Pres. "D"	None	100,000	202,265	None	None	None
William F. Brandenburg Spokane, Washington	Treas-Secy. "D"	None	5,000	16,710	None	None	None
Sam Petersen Wallace, Idaho	Director	None	None	126,679	None	None	None
Ruby Brown Sprague, Washington	Director	None	None	46,758	None	None	None
Thelma Petersen Spokane, Washington	Stockholder	None	None	46,758	None	None	None
	Total	None	x x x x x	491,777	None	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)
Class A Common stock	$500,000	$25,829.00	$ 10 cents	258,292	None
Class B common ~~Preferred~~ stock	$500,000	$50,000.00	$ 10 cents	500,000	None

*Indicate period covered.

10. Production: None

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.)	None				
2. Quantity of product processed (specify unit of measure and type of process)	None				
3. Quantity and grade of product sold or shipped (specify units of measure)	None				

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. None

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 engineering reports of Preston and Reynolds.

(*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)					
Indicated (probable)					

(*c*) If placer:

(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.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

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

17. Equipment and Facilities:

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.

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.

HANSY COPPER AND GOLD MINES, INC.
(Name of company)

By _____
(Signature of authorized official)

June 27, 1951
(Date)

President
(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

1. Materials produced:

   (a) The chief mine product is copper, with some gold and silver.

   (b) None.

2. The mine has been known for many years as the Hansy Mine, and consists of underground workings with three levels and one raise.

The property has approximately 58 feet of raises, the upper adit is approximately 120 feet long, an intermediate tunnel is approximately 120 feet long, and the lower or main working adit is opened by approximately 760 feet of tunnels, drifts and crosscuts. The mine is not flooded, and there are no pumping problems.

3. (a) The mine is located about one mile from the mouth of Ole and Tansy Creeks, near Adair, Idaho. Adair is a siding on the main line of the Chicago,Milwaukee and St. Paul Railroad. The nearest nearby town is Avery, Idaho. The shipping point will be Adair, three miles from the mine.

(b) Mining District: St. Joe.

(c) Township, Section and Range: Sections 20 and 21, Township 46, North, Range 7, E.B.M.

(d) County and State: Shoshone County, State of Idaho.

4. (a) The property has been in operation during the summer of 1951. Operations are presently curtailed due to snow conditions.

(b) Applicant will be operating the mine as owner.

6. (a) Applicant was organized to take over the Hansy mine and since its incorporation January 9, 1942, has been devoting itself solely to this mine.

(b) Applicant has no manager at this time but will select one when work is resumed in the spring of 1952.

7. (a) Applicant has been since 1942, developing this mining property by crosscuts, raises and drifts on the known ore bodies. There have been no long periods of suspension of operation. There has been no production from the property to date.

(b) Applicant is informed that there have been successful copper mines operating in the area many, many years ago but has no factual information concerning the names of the operators or the success of the mining conducted.

(c) Engineers reports have been furnished in accordance with Form MF-103 already submitted.

13. Access Roads. Highway from Wallace, Idaho, or from Avery, Idaho, to mine. Approximate distance from Wallace is 21 miles. From Avery, 21 miles.

14. Water Supply: There is sufficient water from a stream flowing by the property good for all seasons of the year.

15. Power: Power to be used consists of gasoline driven compressor.

16. Labor: During the past summer approximately three men were employed as combination miners and muckers, and paid the prevailing rate in the Coeur d'Alene's of approximately $13.00 per day.

17. Equipment and Facilities: Applicant is furnishing complete mining equipment consisting of adequate housing, a compressor (gasoline, air), mine track, mine cars, drifters, stopers, steel, air lines, and one truck. All this equipment is in serviceable condition.

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

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

JAN 21 8 14 PM '52

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 1822

Date received 1-21-52

HANSY COPPER AND GOLD MINES, INC.
711 Hutton Building
Spokane 4, Washington

Name and address of applicant

Date June 27, 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. 101A of Amendment Defense Production Act of 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.

5

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*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:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*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 Spring, 1952.
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.
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.
   (*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)
Osa Belsby Amber, Washington	Pres."D."	None	None	52,607	None	None	None
Osborne Belsby Amber, Washington	V-Pres."D."	None	100,000	202,265	None	None	None
William F. Brandenburg Spokane, Washington	Treas-Secry "D"	None	5,000	16,710	None	None	None
Sam Petersen Wallace, Idaho	Director	None	None	126,679	None	None	None
Ruby Brown Sprague, Washington	Director	None	None	46,758	None	None	None
Thelma Petersen Spokane, Washington	Stockholder	None	None	46,758	None	None	None
	Total	None	x x x x x	491,777	None	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)
Class A Common stock	$ 500,000	$ 25,829.00	$ 10 cents	258,292	None
Class B common ~~Preferred~~ stock	$ 500,000	$ 50.000.00	$ 10 cents	500,000	None

*Indicate period covered.

10. Production: None.

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.)	None				
2. Quantity of product processed (specify unit of measure and type of process)	None				
3. Quantity and grade of product sold or shipped (specify units of measure)	None				

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. None.

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 engineering reports of Preston and Reynolds.

16—63792-1

(*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)					
Indicated (probable)					

(*c*) If placer:

(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.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

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

17. Equipment and Facilities:

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.

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.

HANSY COPPER AND GOLD MINES, INC.
(Name of company)

By _____
(Signature of authorized official)

June 27, 1951
(Date)

President
(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

1. Materials produced:

   (a) The chief mine product is copper, with some gold and silver.

   (b) None.

2. The mine has been known for many years as the Hansy Mine, and consists of underground workings with three levels and one raise.

The property has approximately 58 feet of raises, the upper adit is approximately 120 feet long, an intermediate tunnel is approximately 120 feet long, and the lower or main working adit is opened by approximately 760 feet of tunnels, drifts and crosscuts. The mine is not flooded, and there are no pumping problems.

3. (a) The mine is located about one mile from the mouth of Ole and Tansy Creeks, near Adair, Idaho. Adair is a siding on the main line of the Chicago,Milwaukee and St. Paul Railroad. The nearest nearby town is Avery, Idaho. The shipping point will be Adair, three miles from the mine.

(b) Mining District: St. Joe.

(c) Township, Section and Range: Sections 20 and 21, Township 46, North, Range 7, E.B.M.

(d) County and State: Shoshone County, State of Idaho.

4. (a) The property has been in operation during the summer of 1951. Operations are presently curtailed due to snow conditions.

(b) Applicant will be operating the mine as owner.

6. (a) Applicant was organized to take over the Hansy mine and since its incorporation January 9, 1942, has been devoting itself solely to this mine.

(b) Applicant has no manager at this time but will select one when work is resumed in the spring of 1952.

7. (a) Applicant has been since 1942, developing this mining property by crosscuts, raises and drifts on the known ore bodies. There have been no long periods of suspension of operation. There has been no production from the property to date.

(b) Applicant is informed that there have been successful copper mines operating in the area many, many years ago but has no factual information concerning the names of the operators or the success of the mining conducted.

(c) Engineers reports have been furnished in accordance with Form MF-103 already submitted.

13. Access Roads. Highway from Wallace, Idaho, or from Avery, Idaho, to mine. Approximate distance from Wallace is 21 miles. From Avery, 21 miles.

14. Water Supply: There is sufficient water from a stream flowing by the property good for all seasons of the year.

15. Power: Power to be used consists of gasoline driven compressor.

16. Labor: During the past summer approximately three men were employed as combination miners and muckers, and paid the prevailing rate in the Coeur d'Alene's of approximately $13.00 per day.

17. Equipment and Facilities: Applicant is furnishing complete mining equipment consisting of adequate housing, a compressor (gasoline, air), mine track, mine cars, drifters, stopers, steel, air lines, and one truck. All this equipment is in serviceable condition.

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

Docket No. DMA 1822 X

Date received 7-19-51

Participation

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
711 Hutton Building
Spokane 4, 1951

Name and address of applicant

Date June 27, 1951

FILL IN THIS BLOCK

Date of application June 27, 1951

Estimated cost $50,000.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine County of Shoshone

Adair, Idaho

Date of filing MF-100

DMA Docket Number, if available

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?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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.
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)?

*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.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    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.

*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.

*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.

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

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*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:
    (*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.)
    (*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.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.

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.

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.

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.

HANSY COPPER & GOLD MINES, INC.
(Name of company)

By Oscar Delaby
(Signature of authorized official)

June 27, 1951
(Date)

President
(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

APPLICATION FOR AN EXPLORATION PROJECT

of

HANSY COPPER & GOLD MINES, INC.

- - - - -

The following information is furnished in answer to the questions asked on Form MP-201.

1. Applicant is a corporation, organized under the laws of the State of Idaho, with its registered office at 517 Idaho Building, Boise, Idaho, and its principal office at 711 Hutton Building, Spokane, Washington.

2. The names and addresses of the officers, directors, and five largest stockholders are as follows:

Officers and Directors

President and Director	- Oza Belsby, Amber, Wash.
Vice-President and Director	- Osborne Belsby Amber, Washington
Secretary-Treasurer and Director	- William F. Brandenberg 5303 N. Jefferson Spokane, Washington
Director	- Sam Petersen, Adair, Idaho
Director	- Ruby Brown, Sprague, Wash.

Five Largest Stockholders

Osborne Belsby	- Same as above
Oza Belsby	- Same as above
Sam Petersen	- Same as above
Ruby Brown	- Same as above
Thelma Petersen	- Spokane, Washington

3. Applicant has been engaged in the development of the Hansy mine since January 9, 1942. Mr. Mark Mullins, presently of Soap Lake, Washington, will be General Manager of Applicant. Mr. Mullins has successfully operated copper mines, and is entirely familiar with the problems of mining and management.

4. Applicant is the owner of two patented claims, the St. Joe Lode, and the Crouse Lode, plus nineteen (19) additional unpatented claims held by location.

5. Applicant holds title to the aforementioned claims free and clear of all liens and encumbrances, same and except a lien

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

5. (Continued)

to the Reconstruction Finance Corporation in the amount of approximately Two Thousand Dollars ($2,000.00) which represents moneys advanced pursuant to Loan No. 938 dated March 1, 1943.

6. The current financial statement showing assets and liabilities is furnished herewith, and made a part hereof.

7. Applicant proposes to invest a minimum of Twenty-Five Thousand Dollars ($25,000.00) in the proposed project. This amount is sufficient to pay the Applicant's part of the cost of the project in accordance with the regulations on Government participation.

8. The principal development proposed by Applicant will take place on the St. Joe Lode, and the Grouse Lode, patented claims, plus the unpatented claims called the Carl, Ole, and Hanna. These claims are all located in Sections 20 and 21, Township 46 N, Range 7 EBM, Shoshone County, State of Idaho. The mining property of Applicant has been known for many, many years as the Hanny Mine, and the only company ever organized to develop the same is the Applicant.

9. Applicant's property is accessible by a three-mile road running southeast from Loop Creek, which point is located on the Placer Creek Road from Wallace, on the Milwaukee Railroad, near the town of Adair, in the vicinity of Avery, Idaho. Shipping will take place at the town near Adair, approximately three miles from the mine. The mine will be serviced by the Milwaukee Railroad.

10. There is ample water and timber available for mining and milling purposes at the company's property. Power to be used at present will consist of Diesel or gas engine power.

11. The Hanny Mine is at present being developed by Applicant, and there are complete camp facilities available including housing, compressor, track, mine cars, steel, drifters, steepers, airlines

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

11. (Continued)

and all miscellaneous equipment necessary for the proposed exploratory program. All of this equipment on hand will be used by Applicant in connection with this program.

12. Any shipping grade ore can be loaded on truck and delivered, at the present time, to the Milwaukee Railroad at Avery, Idaho. Should sufficient quantities be developed ore could be delivered at Adair, Idaho. Low grade ore would have to be milled at a mill to be erected at the company's mine, and the concentrates delivered to the railroad at either Adair or Avery, Idaho, by truck.

13. The Hansy group of mining claims were developed for many years by Hans Petersen, and Sam Petersen, his son. The claims they acquired were transferred to the Hansy Copper & Gold Mines, Inc., the Applicant, on January 9, 1942, and ever since this date the mine has been developed by Applicant. The Reconstruction Finance Corporation loaned the company Two Thousand Dollars ($2,000.00) with which funds, considerable development work was accomplished. There has been no shipment of commercial grade ore from the property, hence there has been no repayment of this loan. During the past year the company has extended levels and accomplished underground mining for a distance of more than fifty (50) feet, and is at present engaged in extending the lower level in accordance with the engineering reports of Preston and Reynolds, a copy of which is enclosed herewith.

14. Applicant expects to explore the lower workings of its mine for copper ore, and is planning on doing approximately 2,000 feet of drifting and raising within this next year. The first phase of the work will be to extend No. 3 tunnel a distance as long as practical in order to pick up the projected downward extension of the ore zone, and develop the same. At such time as

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

14. (Continued)

the engineers advise, Applicant proposes to raise on this ore shoot in order to connect with the intermediate and upper levels.

15. The geological basis for this project is set forth in a report by Preston and Reynolds. Attached hereto is a map of the underground workings showing the proposed exploration program.

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

COPY

PRESTON and REYNOLDS
Mine Engineering Geological Service
Room 109 Idaho First Natl Bk Bldg
Kellogg, Ida.

Report on

HANSY COPPER AND GOLD MINES, INCORPORATED

LOCATION & ACCESSIBILITY

The property of the Hansy Copper and Gold Mines, Inc. is situated about a mile from the mouth of Ole and Tansy Creek, near Adair, Shoshone Co., Idaho. Adair is a siding on the main line of the Chicago, Milwaukee and St. Paul Railroad. A good summer road extends from the mine to Wallace, via the Avery Road.

TIMBER & WATER

Ole and Tansy Creek, a tributary of the St. Joe River, flows near the mine and affords sufficient water for any and all mining and milling needs. It is reported that there are several stands of good mine timber on the ridges to the west of the mine.

DEVELOPMENT

The mine is developed by two adit levels, a raise and an intermediate level off the raise. The accompanying map shows the extent of the workings at this time.

GEOLOGY

The country rock in the vicinity of the Hansy Mine belongs to the Wallace formation and consists of thin-bedded calcareous shales and impure quartzites. There are no igneous rocks exposed in the mine workings.

The vein along which most of the development has been done is a well defined fracture striking approximately N. 70° W. and dipping from 40° to 60° south. The mineralization consists of massive siderite, silicified country rock, quartz, pyrite, and chalcopyrite and their oxidized equivalent. The vein varies from a thin gouge seam to over 20 feet in width. The sulphides occur both as disseminated particles and more or less massive shoots in the earlier siderite mineralization. There is often a considerable difference in dip between the footwall and hangingwall of the vein. It is this difference in dip that results in the large swells in the vein.

TENOR OF THE ORE

The property has not been sufficiently developed to accurately determine the size of the ore shoots or the tenor of the ore. The upper tunnel is almost entirely within the oxidized zone and the lower tunnel is just entering the mineralized area.

On the intermediate level a shoot of sulphide ore approximately 40 feet long and from 1.5 to 3 feet wide has been encountered and from which a few tons of low-grade ore has been produced. The following samples were cut across this shoot.

No.	Width	Oz Au	Oz Ag	% Copper	
1.	3.0	.04	0.4	13.00	39
2.	1.5	.03	0.4	8.80	13
3.	2.5	.01	0.4	2.68	6
4.	2.5	.01	0.4	3.18	8
5.	1.5	.01	0.3	0.96	1
6.	2.5	.01	0.5	2.63	6
	13				73
					13½

RECOMMENDATIONS AND CONCLUSIONS

1. The vein being developed at the Hansy Mine is strong and is worthy of additional development. The westward limits of the mineralization have not been encountered. The west face of both the upper level and the intermediate show a large well defined vein with fairly low grade values in gold and copper. The drift on the lower level is just entering this mineralized area.

2. It is recommended that the drifting program currently being done on this vein in the lower level be continued. This work should be done at an overall cost of not to exceed $25 per foot of advance.

PRESTON & REYNOLDS

/s/ John R. Reynolds

John R. Reynolds
June 21, 1951

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

BALANCE SHEET - June 27, 1951

* * *

A S S E T S

CURRENT ASSETS:		
Cash in Bank, Spokane	$471.25	
Cash in Bank, Wallace	179.73	
Account Receivable, Mrs. Belsby	90.00	
Total Current Assets		$740.98
FIXED ASSETS:		
Transportation Equipment	750.00	
Mine Machinery and Equipment	6,363.15	
Claims	26,000.00	
Development	50,262.49	83,375.64
Total		$84,116.62

L I A B I L I T I E S

CURRENT LIABILITIES:		
Accounts Payable, See Schedule A	$1,344.48	
Contract Payable, See Schedule A	750.00	
Loan Payable, See Schedule A	6,765.60	
Accrued Interest, See Schedule A	800.24	
Accrued Payroll Taxes:		
Federal Social Security	9.00	
Idaho Unemployment Compensation	8.10	
Total Current Liabilities		$9,677.42
CAPITAL:		
Authorized Common Stock:		
Class "A", 500,000 shares at 10¢ par value assessable stock	50,000.00	
Class "B", 500,000 shares at 10¢ par value, non-assessable stock	50,000.00	
Total Authorized Capital Stock	100,000.00	
Less Class "A" Common Stock, Unissued	24,170.80	
Total Common Stock Outstanding		75,829.20
CAPITAL (DEFICIT):		
Commissions on Stock Sales		(1,390.00)
Total		$84,116.62

Note: See footnote on Schedule A for possible contingent liability.

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

SCHEDULE OF LIABILITIES
As of June 27, 1951

* * *

	Account Payable	Cont. Pay.	Loans Payable	Accrued Interest
Anaconda Copper Mining Co.	$80.00			
Belsby, Osborne	105.77		$277.50	$8.11
Belsby, Osa			3,210.60	565.69
Bitco Company	50.00			
Brandenburg, William			300.00	29.19
Broderson, William			100.00	9.73
Brown, Russell			277.50	47.72
Burroughs, Lee	125.00			
Coeur d'Alene Hardware & Foundry Company	600.00			
Clark, Wellman	.43			
Merkle, Emil			200.00	19.46
Pearson, Jack M.	64.56			
Wallace Powder Company	100.00			
Watters, Duane H.	195.00			
Schaffer, George		$750.00	400.00	120.34
Reconstruction Finance Corp.			2,000.00	(not computed)
U. S. Stamp Tax	23.72			
	$1,344.48	$750.00	$6,765.60	$800.24

Footnote: Disputed accounts payable are as follows:

Combination Grocery	$568.46
Wallace Meat Company	176.21
Total	744.67
Less Payment attorney for collection - Payment recorded as wages of former mine manager	100.00
Balance	$644.67

Interest is computed at 6% per annum on all loans above, whether or not notes have been issued therefor, except on the Reconstruction Finance Corporation loan on which no interest has been accrued.

SCHEDULE A

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASHINGTON

DEPARTMENT OF THE ARMY
Defense Minerals Administration
RECEIVED
JUL 10 1951
LAMSON E. SUMNER
Executive Secretary

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

Docket No. dma 1822

Date received 1-21-52

Participation

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
711 Hutton Building
Spokane 4, 1951

Name and address of applicant

Date June 27, 1951

FILL IN THIS BLOCK

Date of application June 27, 1951

Estimated cost $50,000.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine County of Shoshone
Adair, Idaho

Date of filing MF-100

DMA Docket Number, if available

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?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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.
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)?

* 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.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    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.

*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.

*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.

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

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*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:
    (*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.)
    (*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.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.

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.

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.

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.

HANSY COPPER & GOLD MINES, INC. (Name of company)

By [signature] (Signature of authorized official)

June 27, 1951 (Date)

President (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

APPLICATION FOR AN EXPLORATION PROJECT

of

HANSY COPPER & GOLD MINES, INC.

- - - - -

The following information is furnished in answer to the questions asked on Form MF-103.

1. Applicant is a corporation, organized under the laws of the State of Idaho, with its registered office at 517 Idaho Building, Boise, Idaho, and its principal office at 711 Hutton Building, Spokane, Washington.

2. The names and addresses of the officers, directors, and five largest stockholders are as follows:

Officers and Directors

President and Director	- Osa Belsby, Amber, Wash.
Vice-President and Director	- Osborne Belsby Amber, Washington
Secretary-Treasurer and Director	- William F. Brandenberg 5303 N. Jefferson Spokane, Washington
Director	- Sam Petersen, Adair, Idaho
Director	- Ruby Brown, Sprague, Wash.

Five Largest Stockholders

Osborne Belsby	- Same as above
Osa Belsby	- Same as above
Sam Petersen	- Same as above
Ruby Brown	- Same as above
Thelma Petersen	- Spokane, Washington

3. Applicant has been engaged in the development of the Hansy mine since January 9, 1942. Mr. Mark Mullins, presently of Soap Lake, Washington, will be General Manager of Applicant. Mr. Mullins has successfully operated copper mines, and is entirely familiar with the problems of mining and management.

4. Applicant is the owner of two patented claims, the St. Joe Lode, and the Grouse Lode, plus nineteen (19) additional unpatented claims held by location.

5. Applicant holds title to the aforementioned claims free and clear of all liens and encumbrances, same and except a lien

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

5. (Continued)

to the Reconstruction Finance Corporation in the amount of approximately Two Thousand Dollars ($2,000.00) which represents moneys advanced pursuant to Loan No. 938 dated March 1, 1943.

6. The current financial statement showing assets and liabilities is furnished herewith, and made a part hereof.

7. Applicant proposes to invest a minimum of Twenty-Five Thousand Dollars ($25,000.00) in the proposed project. This amount is sufficient to pay the Applicant's part of the cost of the project in accordance with the regulations on Government participation.

8. The principal development proposed by Applicant will take place on the St. Joe Lode, and the Grouse Lode, patented claims, plus the unpatented claims called the Carl, Ole, and Hanna. These claims are all located in Sections 20 and 21, Township 46 N, Range 7 EBM, Shoshone County, State of Idaho. The mining property of Applicant has been known for many, many years as the Hansy Mine, and the only company ever organized to develop the same is the Applicant.

9. Applicant's property is accessible by a three-mile road running southeast from Loop Creek, which point is located on the Placer Creek Road from Wallace, on the Milwaukee Railroad, near the town of Adair, in the vicinity of Avery, Idaho. Shipping will take place at the loop near Adair, approximately three miles from the mine. The mine will be serviced by the Milwaukee Railroad.

10. There is ample water and timber available for mining and milling purposes at the company's property. Power to be used at present will consist of Diesel or gas engine power.

11. The Hansy Mine is at present being developed by Applicant, and there are complete camp facilities available including housing, compressor, track, mine cars, steel, drifters, stopers, airlines

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

11. (Continued)

and all miscellaneous equipment necessary for the proposed exploratory program. All of this equipment on hand will be used by Applicant in connection with this program.

12. Any shipping grade ore can be loaded on truck and delivered, at the present time, to the Milwaukee Railroad at Avery, Idaho. Should sufficient quantities be developed ore could be delivered at Adair, Idaho. Low grade ore would have to be milled at a mill to be erected at the company's mine, and the concentrates delivered to the railroad at either Adair or Avery, Idaho, by truck.

13. The Hansy group of mining claims were developed for many years by Hans Petersen, and Sam Petersen, his son. The claims they acquired were transferred to the Hansy Copper & Gold Mines, Inc., the Applicant, on January 9, 1942, and ever since this date the mine has been developed by Applicant. The Reconstruction Finance Corporation loaned the company Two Thousand Dollars ($2,000.00) with which funds, considerable development work was accomplished. There has been no shipment of commercial grade ore from the property, hence there has been no repayment of this loan. During the past year the company has extended levels and accomplished underground mining for a distance of more than fifty (50) feet, and is at present engaged in extending the lower level in accordance with the engineering reports of Preston and Reynolds, a copy of which is enclosed herewith.

14. Applicant expects to explore the lower workings of its mine for copper ore, and is planning on doing approximately 2,000 feet of drifting and raising within this next year. The first phase of the work will be to extend No. 3 tunnel a distance as long as practical in order to pick up the projected downward extension of the ore zone, and develop the same. At such time as

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711 HUTTON BUILDING
SPOKANE 8, WASH.

14. (Continued)

the engineers advise, Applicant proposes to raise on this ore shoot in order to connect with the intermediate and upper levels.

15. The geological basis for this project is set forth in a report by Preston and Reynolds. Attached hereto is a map of the underground workings showing the proposed exploration program.

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

COPY

PRESTON and REYNOLDS
Mine Engineering Geological Service
Room 109 Idaho First Natl Bk Bldg
Kellogg, Ida.

Report on

HANSY COPPER AND GOLD MINES, INCORPORATED

LOCATION & ACCESSIBILITY

The property of the Hansy Copper and Gold Mines, Inc. is situated about a mile from the mouth of Ole and Tansy Creek, near Adair, Shoshone Co., Idaho. Adair is a siding on the main line of the Chicago, Milwaukee and St. Paul Railroad. A good summer road extends from the mine to Wallace, via the Avery Road.

TIMBER & WATER

Ole and Tansy Creek, a tributary of the St. Joe River, flows near the mine and affords sufficient water for any and all mining and milling needs. It is reported that there are several stands of good mine timber on the ridges to the west of the mine.

DEVELOPMENT

The mine is developed by two adit levels, a raise and an intermediate level off the raise. The accompanying map shows the extent of the workings at this time.

GEOLOGY

The country rock in the vicinity of the Hansy Mine belongs to the Wallace formation and consists of thin-bedded calcareous shales and impure quartzites. There are no igneous rocks exposed in the mine workings.

The vein along which most of the development has been done is a well defined fracture striking approximately N. 70° W. and dipping from 40° to 60° south. The mineralization consists of massive siderite, silicified country rock, quartz, pyrite, and chalcopyrite and their oxidized equivalent. The vein varies from a thin gouge seam to over 20 feet in width. The sulphides occur both as disseminated particles and more or less massive shoots in the earlier siderite mineralization. There is often a considerable difference in dip between the footwall and hangingwall of the vein. It is this difference in dip that results in the large swells in the vein.

TENOR OF THE ORE

The property has not been sufficiently developed to accurately determine the size of the ore shoots or the tenor of the ore. The upper tunnel is almost entirely within the oxidized zone and the lower tunnel is just entering the mineralized area.

On the intermediate level a shoot of sulphide ore approximately 40 feet long and from 1.5 to 3 feet wide has been encountered and from which a few tons of low-grade ore has been produced. The following samples were cut across this shoot.

No.	Width	Oz Au	Oz Ag	% Copper
1.	3.0	.04	0.4	13.00
2.	1.5	.03	0.4	8.80
3.	2.5	.01	0.4	2.68
4.	2.5	.01	0.4	3.18
5.	1.5	.01	0.3	0.96
6.	2.5	.01	0.5	2.63

RECOMMENDATIONS AND CONCLUSIONS

1. The vein being developed at the Hansy Mine is strong and is worthy of additional development. The westward limits of the mineralization have not been encountered. The west face of both the upper level and the intermediate show a large well defined vein with fairly low grade values in gold and copper. The drift on the lower level is just entering this mineralized area.

2. It is recommended that the drifting program currently being done on this vein in the lower level be continued. This work should be done at an overall cost of not to exceed $25 per foot of advance.

PRESTON & REYNOLDS

/s/ John R. Reynolds

John R. Reynolds
June 21, 1951

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

BALANCE SHEET - June 27, 1951

* * *

A S S E T S

CURRENT ASSETS:		
Cash in Bank, Spokane	$471.25	
Cash in Bank, Wallace	179.73	
Account Receivable, Mrs. Belsby	90.00	
Total Current Assets		$740.98
FIXED ASSETS:		
Transportation Equipment	750.00	
Mine Machinery and Equipment	6,363.15	
Claims	26,000.00	
Development	50,262.49	83,375.64
Total		$84,116.62

L I A B I L I T I E S

CURRENT LIABILITIES:		
Accounts Payable, See Schedule A	$1,344.48	
Contract Payable, See Schedule A	750.00	
Loan Payable, See Schedule A	6,765.60	
Accrued Interest, See Schedule A	800.24	
Accrued Payroll Taxes:		
Federal Social Security	9.00	
Idaho Unemployment Compensation	8.10	
Total Current Liabilities		$9,677.42
CAPITAL:		
Authorized Common Stock:		
Class "A", 500,000 shares at 10¢ par value assessable stock	50,000.00	
Class "B", 500,000 shares at 10¢ par value, non-assessable stock	50,000.00	
Total Authorized Capital Stock	100,000.00	
Less Class "A" Common Stock, Unissued	24,170.80	
Total Common Stock Outstanding		75,829.20
CAPITAL (DEFICIT):		
Commissions on Stock Sales		(1,390.00)
Total		$84,116.62

Note: See footnote on Schedule A for possible contingent liability.

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

SCHEDULE OF LIABILITIES
As of June 27, 1951

* * *

	Account Payable	Cont. Pay.	Loans Payable	Accrued Interest
Anaconda Copper Mining Co.	$80.00			
Belsby, Osborne	105.77		$277.50	$8.11
Belsby, Osa			3,210.60	565.69
Bitco Company	50.00			
Brandenburg, William			300.00	29.19
Broderson, William			100.00	9.73
Brown, Russell			277.50	47.72
Burroughs, Lee	125.00			
Coeur d'Alene Hardware & Foundry Company	600.00			
Clark, Wellman	.43			
Merkle, Emil			200.00	19.46
Pearson, Jack M.	64.56			
Wallace Powder Company	100.00			
Watters, Duane H.	195.00			
Schaffer, George		$750.00	400.00	120.34
Reconstruction Finance Corp.			2,000.00	(not computed)
U. S. Stamp Tax	23.72			
	$1,344.48	$750.00	$6,765.60	$800.24

Footnote: Disputed accounts payable are as follows:

Combination Grocery	$568.46
Wallace Meat Company	176.21
Total	744.67
Less Payment attorney for collection - Payment recorded as wages of former mine manager	100.00
Balance	$644.67

Interest is computed at 6% per annum on all loans above, whether or not notes have been issued therefor, except on the Reconstruction Finance Corporation loan on which no interest has been accrued.

SCHEDULE A

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASHINGTON

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

Docket No. DMA 1822X

Date received 7-10-51

Participation

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
711 Hutton Building
Spokane 4, 1951

Name and address of applicant

Date June 27, 1951

FILL IN THIS BLOCK

Date of application June 27, 1951

Estimated cost $50,000.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine County of Shoshone

Adair, Idaho

Date of filing MF-100

DMA Docket Number, if available 1822X

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.

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*1. Is applicant an individual, partnership, or corporation?
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*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
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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)?

*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.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    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.

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*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.
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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.
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	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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    (*a*) Describe the ore or mineral deposits briefly.
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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.

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HANSY COPPER & GOLD MINES, INC. (Name of company) By Osal Selsby (Signature of authorized official)

June 27, 1951 (Date) President (Title)

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

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of

HANSY COPPER & GOLD MINES, INC.

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SPOKANE 8, WASH.

5. (Continued)

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11. (Continued)

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12. Any shipping grade ore can be loaded on truck and delivered, at the present time, to the Milwaukee Railroad at Avery, Idaho. Should sufficient quantities be developed ore could be delivered at Adair, Idaho. Low grade ore would have to be milled at a mill to be erected at the company's mine, and the concentrates delivered to the railroad at either Adair or Avery, Idaho, by truck.

13. The Hansy group of mining claims were developed for many years by Hans Petersen, and Sam Petersen, his son. The claims they acquired were transferred to the Hansy Copper & Gold Mines, Inc., the Applicant, on January 9, 1942, and ever since this date the mine has been developed by Applicant. The Reconstruction Finance Corporation loaned the company Two Thousand Dollars ($2,000.00) with which funds, considerable development work was accomplished. There has been no shipment of commercial grade ore from the property, hence there has been no repayment of this loan. During the past year the company has extended levels and accomplished underground mining for a distance of more than fifty (50) feet, and is at present engaged in extending the lower level in accordance with the engineering reports of Preston and Reynolds, a copy of which is enclosed herewith.

14. Applicant expects to explore the lower workings of its mine for copper ore, and is planning on doing approximately 2,000 feet of drifting and raising within this next year. The first phase of the work will be to extend No. 3 tunnel a distance as long as practical in order to pick up the projected downward extension of the ore zone, and develop the same. At such time as

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

14. (Continued)

the engineers advise, Applicant proposes to raise on this ore shoot in order to connect with the intermediate and upper levels.

15. The geological basis for this project is set forth in a report by Preston and Reynolds. Attached hereto is a map of the underground workings showing the proposed exploration program.

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

COPY

PRESTON and REYNOLDS
Mine Engineering Geological Service
Room 109 Idaho First Natl Bk Bldg
Kellogg, Ida.

Report on

HANSY COPPER AND GOLD MINES, INCORPORATED

LOCATION & ACCESSIBILITY

The property of the Hansy Copper and Gold Mines, Inc. is situated about a mile from the mouth of Ole and Tansy Creek, near Adair, Shoshone Co., Idaho. Adair is a siding on the main line of the Chicago, Milwaukee and St. Paul Railroad. A good summer road extends from the mine to Wallace, via the Avery Road.

TIMBER & WATER

Ole and Tansy Creek, a tributary of the St. Joe River, flows near the mine and affords sufficient water for any and all mining and milling needs. It is reported that there are several stands of good mine timber on the ridges to the west of the mine.

DEVELOPMENT

The mine is developed by two adit levels, a raise and an intermediate level off the raise. The accompanying map shows the extent of the workings at this time.

GEOLOGY

The country rock in the vicinity of the Hansy Mine belongs to the Wallace formation and consists of thin-bedded calcareous shales and impure quartzites. There are no igneous rocks exposed in the mine workings.

The vein along which most of the development has been done is a well defined fracture striking approximately N. 70° W. and dipping from 40° to 60° south. The mineralization consists of massive siderite, silicified country rock, quartz, pyrite, and chalcopyrite and their oxidized equivalent. The vein varies from a thin gouge seam to over 20 feet in width. The sulphides occur both as disseminated particles and more or less massive shoots in the earlier siderite mineralization. There is often a considerable difference in dip between the footwall and hangingwall of the vein. It is this difference in dip that results in the large swells in the vein.

TENOR OF THE ORE

The property has not been sufficiently developed to accurately determine the size of the ore shoots or the tenor of the ore. The upper tunnel is almost entirely within the oxidized zone and the lower tunnel is just entering the mineralized area.

On the intermediate level a shoot of sulphide ore approximately 40 feet long and from 1.5 to 3 feet wide has been encountered and from which a few tons of low-grade ore has been produced. The following samples were cut across this shoot.

No.	Width	Oz Au	Oz Ag	% Copper
1.	3.0	.04	0.4	13.00
2.	1.5	.03	0.4	8.80
3.	2.5	.01	0.4	2.68
4.	2.5	.01	0.4	3.18
5.	1.5	.01	0.3	0.96
6.	2.5	.01	0.5	2.63

RECOMMENDATIONS AND CONCLUSIONS

1. The vein being developed at the Hansy Mine is strong and is worthy of additional development. The westward limits of the mineralization have not been encountered. The west face of both the upper level and the intermediate show a large well defined vein with fairly low grade values in gold and copper. The drift on the lower level is just entering this mineralized area.

2. It is recommended that the drifting program currently being done on this vein in the lower level be continued. This work should be done at an overall cost of not to exceed $25 per foot of advance.

PRESTON & REYNOLDS

/s/ John R. Reynolds

John R. Reynolds
June 21, 1951

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

BALANCE SHEET - June 27, 1951

* * *

A S S E T S

CURRENT ASSETS:		
Cash in Bank, Spokane	$471.25	
Cash in Bank, Wallace	179.73	
Account Receivable, Mrs. Belsby	90.00	
Total Current Assets		$740.98
FIXED ASSETS:		
Transportation Equipment	750.00	
Mine Machinery and Equipment	6,363.15	
Claims	26,000.00	
Development	50,262.49	83,375.64
Total		$84,116.62

L I A B I L I T I E S

CURRENT LIABILITIES:		
Accounts Payable, See Schedule A	$1,344.48	
Contract Payable, See Schedule A	750.00	
Loan Payable, See Schedule A	6,765.60	
Accrued Interest, See Schedule A	800.24	
Accrued Payroll Taxes:		
Federal Social Security	9.00	
Idaho Unemployment Compensation	8.10	
Total Current Liabilities		$9,677.42
CAPITAL:		
Authorized Common Stock:		
Class "A", 500,000 shares at 10¢ par value assessable stock	50,000.00	
Class "B", 500,000 shares at 10¢ par value, non-assessable stock	50,000.00	
Total Authorized Capital Stock	100,000.00	
Less Class "A" Common Stock, Unissued	24,170.80	
Total Common Stock Outstanding		75,829.20
CAPITAL (DEFICIT):		
Commissions on Stock Sales		(1,390.00)
Total		$84,116.62

Note: See footnote on Schedule A for possible contingent liability.

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

SCHEDULE OF LIABILITIES
As of June 27, 1951

* * *

	Account Payable	Cont. Pay.	Loans Payable	Accrued Interest
Anaconda Copper Mining Co.	$80.00			
Belsby, Osborne	105.77		$277.50	$8.11
Belsby, Osa			3,210.60	565.69
Bitco Company	50.00			
Brandenburg, William			300.00	29.19
Broderson, William			100.00	9.73
Brown, Russell			277.50	47.72
Burroughs, Lee	125.00			
Coeur d'Alene Hardware & Foundry Company	600.00			
Clark, Wellman	.43			
Merkle, Emil			200.00	19.46
Pearson, Jack M.	64.56			
Wallace Powder Company	100.00			
Watters, Duane H.	195.00			
Schaffer, George		$750.00	400.00	120.34
Reconstruction Finance Corp.			2,000.00	(not computed)
U. S. Stamp Tax	23.72			
	$1,344.48	$750.00	$6,765.60	$800.24

Footnote: Disputed accounts payable are as follows:

Combination Grocery	$568.46
Wallace Meat Company	176.21
Total	744.67
Less Payment attorney for collection - Payment recorded as wages of former mine manager	100.00
Balance	$644.67

Interest is computed at 6% per annum on all loans above, whether or not notes have been issued therefor, except on the Reconstruction Finance Corporation loan on which no interest has been accrued.

SCHEDULE A

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASHINGTON

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LEWIS A. DOUGLAS
Executive Secretary

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

Docket No. DMA 1822+

Date received 7-19-51

Participation

HANDY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
711 Hutton Building
Spokane 4, 1951

Name and address of applicant

Date June 27, 1951

FILL IN THIS BLOCK

Date of application June 27, 1951

Estimated cost $50,000.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine County of Shoshone
Adair, Idaho

Date of filing MF-100

DMA Docket Number, if available 1822 X

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?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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.
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)?

*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.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    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.

*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.

*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.

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

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*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:
    (*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.)
    (*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.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.

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.

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.

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.

HANSY COPPER & GOLD MINES, INC. (Name of company) By Osa Delsby (Signature of authorized official)

June 27, 1951 (Date) President (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

APPLICATION FOR AN EXPLORATION PROJECT

of

HANSY COPPER & GOLD MINES, INC.

- - - - -

The following information is furnished in answer to the questions asked on Form MF-103.

1. Applicant is a corporation, organized under the laws of the State of Idaho, with its registered office at 517 Idaho Building, Boise, Idaho, and its principal office at 711 Hutton Building, Spokane, Washington.

2. The names and addresses of the officers, directors, and five largest stockholders are as follows:

Officers and Directors

President and Director	- Oss Belsby, Amber, Wash.
Vice-President and Director	- Osborne Belsby Amber, Washington
Secretary-Treasurer and Director	- William F. Brandenberg 5303 N. Jefferson Spokane, Washington
Director	- Sam Peterson, Adair, Idaho
Director	- Ruby Brown, Sprague, Wash.

Five Largest Stockholders

Osborne Belsby	- Same as above
Oss Belsby	- Same as above
Sam Peterson	- Same as above
Ruby Brown	- Same as above
Thelma Peterson	- Spokane, Washington

3. Applicant has been engaged in the development of the Hansy mine since January 9, 1942. Mr. Mark Mullins, presently of Soap Lake, Washington, will be General Manager of Applicant. Mr. Mullins has successfully operated copper mines, and is entirely familiar with the problems of mining and management.

4. Applicant is the owner of two patented claims, the St. Joe Lode, and the Grease Lode, plus nineteen (19) additional unpatented claims held by location.

5. Applicant holds title to the aforementioned claims free and clear of all liens and encumbrances, same and except a lien

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

5. (Continued)

to the Reconstruction Finance Corporation in the amount of approximately Two Thousand Dollars ($2,000.00) which represents moneys advanced pursuant to Loan No. 938 dated March 1, 1943.

6. The current financial statement showing assets and liabilities is furnished herewith, and made a part hereof.

7. Applicant proposes to invest a minimum of Twenty-Five Thousand Dollars ($25,000.00) in the proposed project. This amount is sufficient to pay the Applicant's part of the cost of the project in accordance with the regulations on Government participation.

8. The principal development proposed by Applicant will take place on the St. Joe Lode, and the Crouse Lode, patented claims, plus the unpatented claims called the Carl, Ole, and Hanna. These claims are all located in Sections 20 and 21, Township 46 N, Range 7 EBM, Shoshone County, State of Idaho. The mining property of Applicant has been known for many, many years as the Hanny Mine, and the only company ever organized to develop the same is the Applicant.

9. Applicant's property is accessible by a three-mile road running southeast from Loop Creek, which point is located on the Placer Creek Road from Wallace, on the Milwaukee Railroad, near the town of Adair, in the vicinity of Avery, Idaho. Shipping will take place at the loop near Adair, approximately three miles from the mine. The mine will be serviced by the Milwaukee Railroad.

10. There is ample water and timber available for mining and milling purposes at the company's property. Power to be used at present will consist of Diesel or gas engine power.

11. The Hanny Mine is at present being developed by Applicant, and there are complete camp facilities available including housing, compressor, track, mine cars, steel, drifters, steepers, airlines

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

11. (Continued)
and all miscellaneous equipment necessary for the proposed exploratory program. All of this equipment on hand will be used by Applicant in connection with this program.

12. Any shipping grade ore can be loaded on truck and delivered, at the present time, to the Milwaukee Railroad at Avery, Idaho. Should sufficient quantities be developed ore could be delivered at Adair, Idaho. Low grade ore would have to be milled at a mill to be erected at the company's mine, and the concentrates delivered to the railroad at either Adair or Avery, Idaho, by truck.

13. The Hanny group of mining claims were developed for many years by Hans Paterson, and Sam Paterson, his son. The claims they acquired were transferred to the Hanny Copper & Gold Mines, Inc., the Applicant, on January 9, 1942, and ever since this date the mine has been developed by Applicant. The Reconstruction Finance Corporation loaned the company Two Thousand Dollars ($2,000.00) with which funds, considerable development work was accomplished. There has been no shipment of commercial grade ore from the property, hence there has been no repayment of this loan. During the past year the company has extended levels and accomplished underground mining for a distance of more than fifty (50) feet, and is at present engaged in extending the lower level in accordance with the engineering reports of Preston and Reynolds, a copy of which is enclosed herewith.

14. Applicant expects to explore the lower workings of its mine for copper ore, and is planning on doing approximately 2,000 feet of drifting and raising within this next year. The first phase of the work will be to extend No. 3 tunnel a distance as long as practical in order to pick up the projected downward extension of the ore zone, and develop the same. At such time as

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SPOKANE 8, WASH.

14. (Continued)

the engineers advise, Applicant proposes to raise on this ore shoot in order to connect with the intermediate and upper levels.

15. The geological basis for this project is set forth in a report by Preston and Reynolds. Attached hereto is a map of the underground workings showing the proposed exploration program.

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

COPY

PRESTON and REYNOLDS
Mine Engineering Geological Service
Room 109 Idaho First Natl Bk Bldg
Kellogg, Ida.

Report on

HANSY COPPER AND GOLD MINES, INCORPORATED

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2. It is recommended that the drifting program currently being done on this vein in the lower level be continued. This work should be done at an overall cost of not to exceed $25 per foot of advance.

PRESTON & REYNOLDS

/s/ John R. Reynolds

John R. Reynolds
June 21, 1951

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

BALANCE SHEET - June 27, 1951

* * *

A S S E T S

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Accrued Interest, See Schedule A	800.24	
Accrued Payroll Taxes:		
Federal Social Security	9.00	
Idaho Unemployment Compensation	8.10	
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Total		$84,116.62

Note: See footnote on Schedule A for possible contingent liability.

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

SCHEDULE OF LIABILITIES
As of June 27, 1951

* * *

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SCHEDULE A

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASHINGTON

DEPARTMENT OF THE ARMY
Defense Materials Administration
RECEIVED
JUL 10 1951
LAMBOM F. STROBEL
Executive Secretary

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

Docket No. DMA 1822 X

Date received 7-10-51

Participation

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
711 Hutton Building
Spokane 4, 1951

Name and address of applicant

Date June 27, 1951

FILL IN THIS BLOCK

Date of application June 27, 1951

Estimated cost $50,000.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine County of Shoshone

Adair, Idaho

Date of filing MF-100

DMA Docket Number, if available DMA 1822 X

INSTRUCTIONS

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*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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.
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)?

*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.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    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.
*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.
*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.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*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:
    (*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.)
    (*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.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.

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.
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.

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.

HANSY COPPER & GOLD MINES, INC. (Name of company) By Osal Delaby (Signature of authorized official)

June 27, 1951 (Date) President (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

APPLICATION FOR AN EXPLORATION PROJECT

of

HANEY COPPER & GOLD MINES, INC.

- - - - -

The following information is furnished in answer to the questions asked on Form MY-103.

1. Applicant is a corporation, organized under the laws of the State of Idaho, with its registered office at 517 Idaho Building, Boise, Idaho, and its principal office at 711 Hutton Building, Spokane, Washington.

2. The names and addresses of the officers, directors, and five largest stockholders are as follows:

Officers and Directors

President and Director	- Ora Belsby, Amber, Wash.
Vice-President and Director	- Osborne Belsby Amber, Washington
Secretary-Treasurer and Director	- William F. Brandenberg 5303 E. Jefferson Spokane, Washington
Director	- Sam Petersen, Adair, Idaho
Director	- Ruby Brown, Sprague, Wash.

Five Largest Stockholders

Osborne Belsby	- Same as above
Ora Belsby	- Same as above
Sam Petersen	- Same as above
Ruby Brown	- Same as above
Thelma Petersen	- Spokane, Washington

3. Applicant has been engaged in the development of the Haney mine since January 9, 1942. Mr. Mark Mullins, presently of Soap Lake, Washington, will be General Manager of Applicant. Mr. Mullins has successfully operated copper mines, and is entirely familiar with the problems of mining and management.

4. Applicant is the owner of two patented claims, the St. Joe Lode, and the Grouse Lode, plus nineteen (19) additional unpatented claims held by location.

5. Applicant holds title to the aforementioned claims free and clear of all liens and encumbrances, liens and except a lien

ELLMAN CLARK
ORNEY AT LAW
TTON BUILDING
NE 8, WASH.

5. (Continued)
to the Reconstruction Finance Corporation in the amount of approximately Two Thousand Dollars ($2,000.00) which represents moneys advanced pursuant to Loan No. 938 dated March 1, 1943.

6. The current financial statement showing assets and liabilities is furnished herewith, and made a part hereof.

7. Applicant proposes to invest a minimum of Twenty-Five Thousand Dollars ($25,000.00) in the proposed project. This amount is sufficient to pay the Applicant's part of the cost of the project in accordance with the regulations on Government participation.

8. The principal development proposed by Applicant will take place on the St. Joe Lode, and the Grouse Lode, patented claims, plus the unpatented claims called the Carl, Ole, and Hanna. These claims are all located in Sections 20 and 21, Township 46 N, Range 7 EBM, Shoshone County, State of Idaho. The mining property of Applicant has been known for many, many years as the Hanny Mine, and the only company ever organized to develop the same is the Applicant.

9. Applicant's property is accessible by a three-mile road running southeast from Loop Creek, which point is located on the Placer Creek Road from Wallace, on the Milwaukee Railroad, near the town of Adair, in the vicinity of Avery, Idaho. Shipping will take place at the loop near Adair, approximately three miles from the mine. The mine will be serviced by the Milwaukee Railroad.

10. There is ample water and timber available for mining and milling purposes at the company's property. Power to be used at present will consist of Diesel or gas engine power.

11. The Hanny Mine is at present being developed by Applicant, and there are complete camp facilities available including housing, compressor, track, mine cars, steel, drifters, stopers, airlines

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SPOKANE 8, WASH.

11. (Continued)

and all miscellaneous equipment necessary for the proposed exploratory program. All of this equipment on hand will be used by Applicant in connection with this program.

12. Any shipping grade ore can be loaded on truck and delivered, at the present time, to the Milwaukee Railroad at Avery, Idaho. Should sufficient quantities be developed ore could be delivered at Adair, Idaho. Low grade ore would have to be milled at a mill to be erected at the company's mine, and the concentrates delivered to the railroad at either Adair or Avery, Idaho, by truck.

13. The Hansy group of mining claims were developed for many years by Hans Petersen, and Sam Petersen, his son. The claims they acquired were transferred to the Hansy Copper & Gold Mines, Inc., the Applicant, on January 9, 1942, and ever since this date the mine has been developed by Applicant. The Reconstruction Finance Corporation loaned the company Two Thousand Dollars ($2,000.00) with which funds, considerable development work was accomplished. There has been no shipment of commercial grade ore from the property, hence there has been no repayment of this loan. During the past year the company has extended levels and accomplished underground mining for a distance of more than fifty (50) feet, and is at present engaged in extending the lower level in accordance with the engineering reports of Preston and Reynolds, a copy of which is enclosed herewith.

14. Applicant expects to explore the lower workings of its mine for copper ore, and is planning on doing approximately 2,000 feet of drifting and raising within this next year. The first phase of the work will be to extend No. 3 tunnel a distance as long as practical in order to pick up the projected downward extension of the ore zone, and develop the same. At such time as

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SPOKANE 8, WASH.

14. (Continued)

the engineers advise, Applicant proposes to raise on this ore shoot in order to connect with the intermediate and upper levels.

15. The geological basis for this project is set forth in a report by Preston and Reynolds. Attached hereto is a map of the underground workings showing the proposed exploration program.

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASH.

COPY

PRESTON and REYNOLDS
Mine Engineering Geological Service
Room 109 Idaho First Natl Bk Bldg
Kellogg, Ida.

Report on

HANSY COPPER AND GOLD MINES, INCORPORATED

LOCATION & ACCESSIBILITY

The property of the Hansy Copper and Gold Mines, Inc. is situated about a mile from the mouth of Ole and Tansy Creek, near Adair, Shoshone Co., Idaho. Adair is a siding on the main line of the Chicago, Milwaukee and St. Paul Railroad. A good summer road extends from the mine to Wallace, via the Avery Road.

TIMBER & WATER

Ole and Tansy Creek, a tributary of the St. Joe River, flows near the mine and affords sufficient water for any and all mining and milling needs. It is reported that there are several stands of good mine timber on the ridges to the west of the mine.

DEVELOPMENT

The mine is developed by two adit levels, a raise and an intermediate level off the raise. The accompanying map shows the extent of the workings at this time.

GEOLOGY

The country rock in the vicinity of the Hansy Mine belongs to the Wallace formation and consists of thin-bedded calcareous shales and impure quartzites. There are no igneous rocks exposed in the mine workings.

The vein along which most of the development has been done is a well defined fracture striking approximately N. 70° W. and dipping from 40° to 60° south. The mineralization consists of massive siderite, silicified country rock, quartz, pyrite, and chalcopyrite and their oxidized equivalent. The vein varies from a thin gouge seam to over 20 feet in width. The sulphides occur both as disseminated particles and more or less massive shoots in the earlier siderite mineralization. There is often a considerable difference in dip between the footwall and hangingwall of the vein. It is this difference in dip that results in the large swells in the vein.

TENOR OF THE ORE

The property has not been sufficiently developed to accurately determine the size of the ore shoots or the tenor of the ore. The upper tunnel is almost entirely within the oxidized zone and the lower tunnel is just entering the mineralized area.

On the intermediate level a shoot of sulphide ore approximately 40 feet long and from 1.5 to 3 feet wide has been encountered and from which a few tons of low-grade ore has been produced. The following samples were cut across this shoot.

No.	Width	Oz Au	Oz Ag	% Copper
1.	3.0	.04	0.4	13.00
2.	1.5	.03	0.4	8.80
3.	2.5	.01	0.4	2.68
4.	2.5	.01	0.4	3.18
5.	1.5	.01	0.3	0.96
6.	2.5	.01	0.5	2.63

RECOMMENDATIONS AND CONCLUSIONS

1. The vein being developed at the Hansy Mine is strong and is worthy of additional development. The westward limits of the mineralization have not been encountered. The west face of both the upper level and the intermediate show a large well defined vein with fairly low grade values in gold and copper. The drift on the lower level is just entering this mineralized area.

2. It is recommended that the drifting program currently being done on this vein in the lower level be continued. This work should be done at an overall cost of not to exceed $25 per foot of advance.

PRESTON & REYNOLDS

/s/ John R. Reynolds

John R. Reynolds
June 21, 1951

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

BALANCE SHEET - June 27, 1951

* * *

A S S E T S

CURRENT ASSETS:		
Cash in Bank, Spokane	$471.25	
Cash in Bank, Wallace	179.73	
Account Receivable, Mrs. Belsby	90.00	
Total Current Assets		$740.98
FIXED ASSETS:		
Transportation Equipment	750.00	
Mine Machinery and Equipment	6,363.15	
Claims	26,000.00	
Development	50,262.49	83,375.64
Total		$84,116.62

L I A B I L I T I E S

CURRENT LIABILITIES:		
Accounts Payable, See Schedule A	$1,344.48	
Contract Payable, See Schedule A	750.00	
Loan Payable, See Schedule A	6,765.60	
Accrued Interest, See Schedule A	800.24	
Accrued Payroll Taxes:		
Federal Social Security	9.00	
Idaho Unemployment Compensation	8.10	
Total Current Liabilities		$9,677.42
CAPITAL:		
Authorized Common Stock:		
Class "A", 500,000 shares at 10¢ par value assessable stock	50,000.00	
Class "B", 500,000 shares at 10¢ par value, non-assessable stock	50,000.00	
Total Authorized Capital Stock	100,000.00	
Less Class "A" Common Stock, Unissued	24,170.80	
Total Common Stock Outstanding		75,829.20
CAPITAL (DEFICIT):		
Commissions on Stock Sales		(1,390.00)
Total		$84,116.62

Note: See footnote on Schedule A for possible contingent liability.

HANSY COPPER & GOLD MINES, INC.
(An Idaho Corporation)
Spokane, Washington

SCHEDULE OF LIABILITIES
As of June 27, 1951

* * *

	Account Payable	Cont. Pay.	Loans Payable	Accrued Interest
Anaconda Copper Mining Co.	$80.00			
Belsby, Osborne	105.77		$277.50	$8.11
Belsby, Osa			3,210.60	565.69
Bitco Company	50.00			
Brandenburg, William			300.00	29.19
Broderson, William			100.00	9.73
Brown, Russell			277.50	47.72
Burroughs, Lee	125.00			
Coeur d'Alene Hardware & Foundry Company	600.00			
Clark, Wellman	.43			
Merkle, Emil			200.00	19.46
Pearson, Jack M.	64.56			
Wallace Powder Company	100.00			
Watters, Duane H.	195.00			
Schaffer, George		$750.00	400.00	120.34
Reconstruction Finance Corp.			2,000.00	(not computed)
U. S. Stamp Tax	23.72			
	$1,344.48	$750.00	$6,765.60	$800.24

Footnote: Disputed accounts payable are as follows:

Combination Grocery	$568.46
Wallace Meat Company	176.21
Total	744.67
Less Payment attorney for collection - Payment recorded as wages of former mine manager	100.00
Balance	$644.67

Interest is computed at 6% per annum on all loans above, whether or not notes have been issued therefor, except on the Reconstruction Finance Corporation loan on which no interest has been accrued.

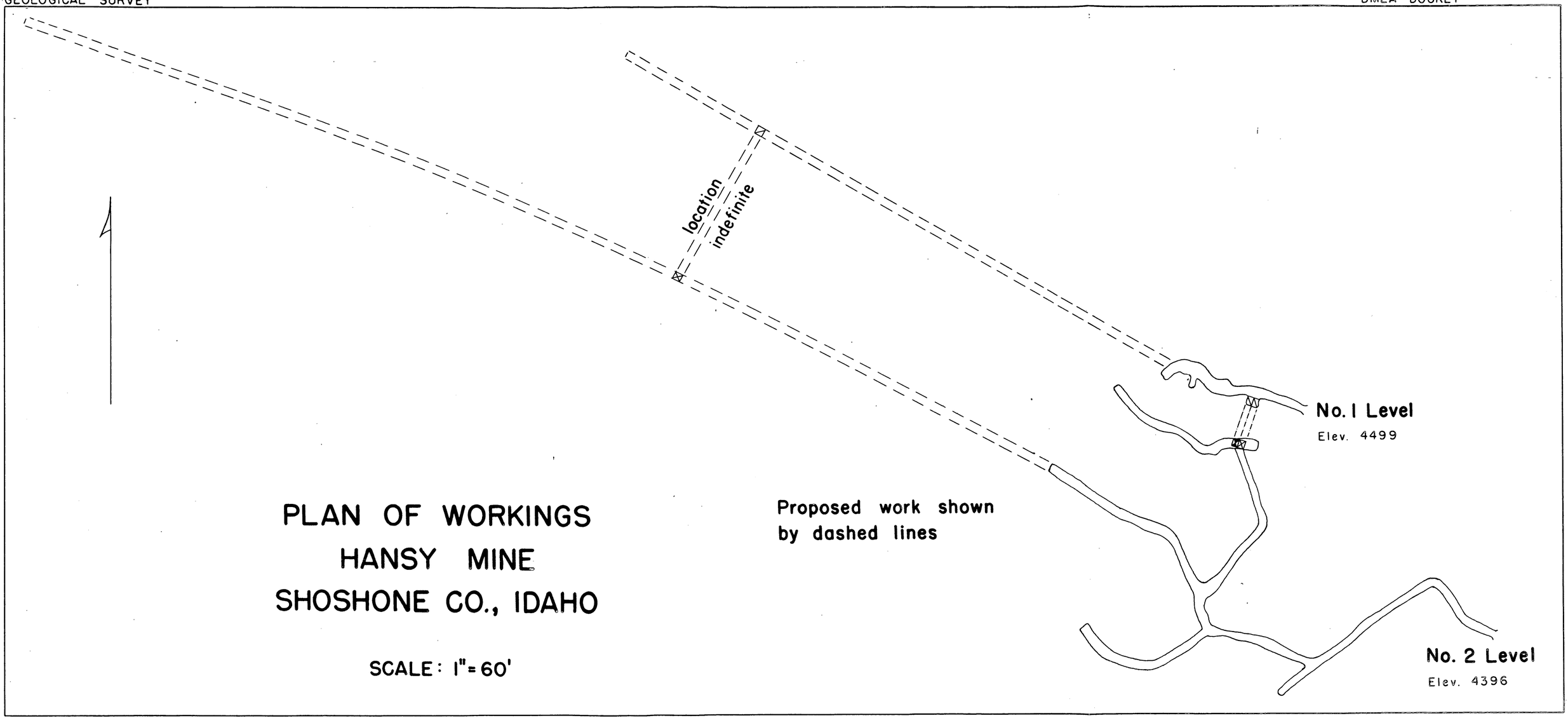
SCHEDULE A

WELLMAN CLARK
ATTORNEY AT LAW
711 HUTTON BUILDING
SPOKANE 8, WASHINGTON

DEPARTMENT OF THE ARMY
Defense Depot Mechanicsburg
Pennsylvania
JUL 10 1951
Mail & Records Branch

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA DOCKET



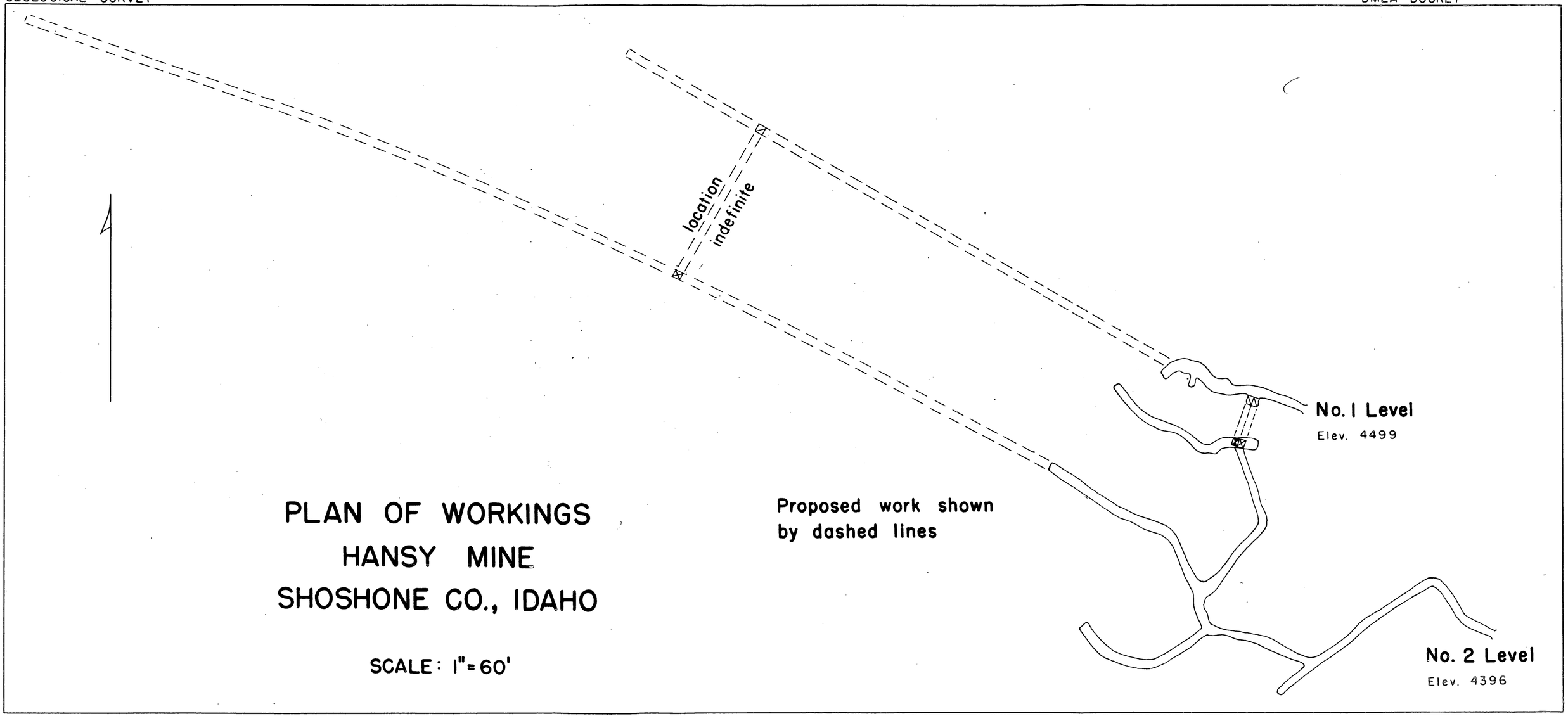
PLAN OF WORKINGS
HANSY MINE
SHOSHONE CO., IDAHO

SCALE: 1" = 60'

Proposed work shown by dashed lines

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA DOCKET



PLAN OF WORKINGS
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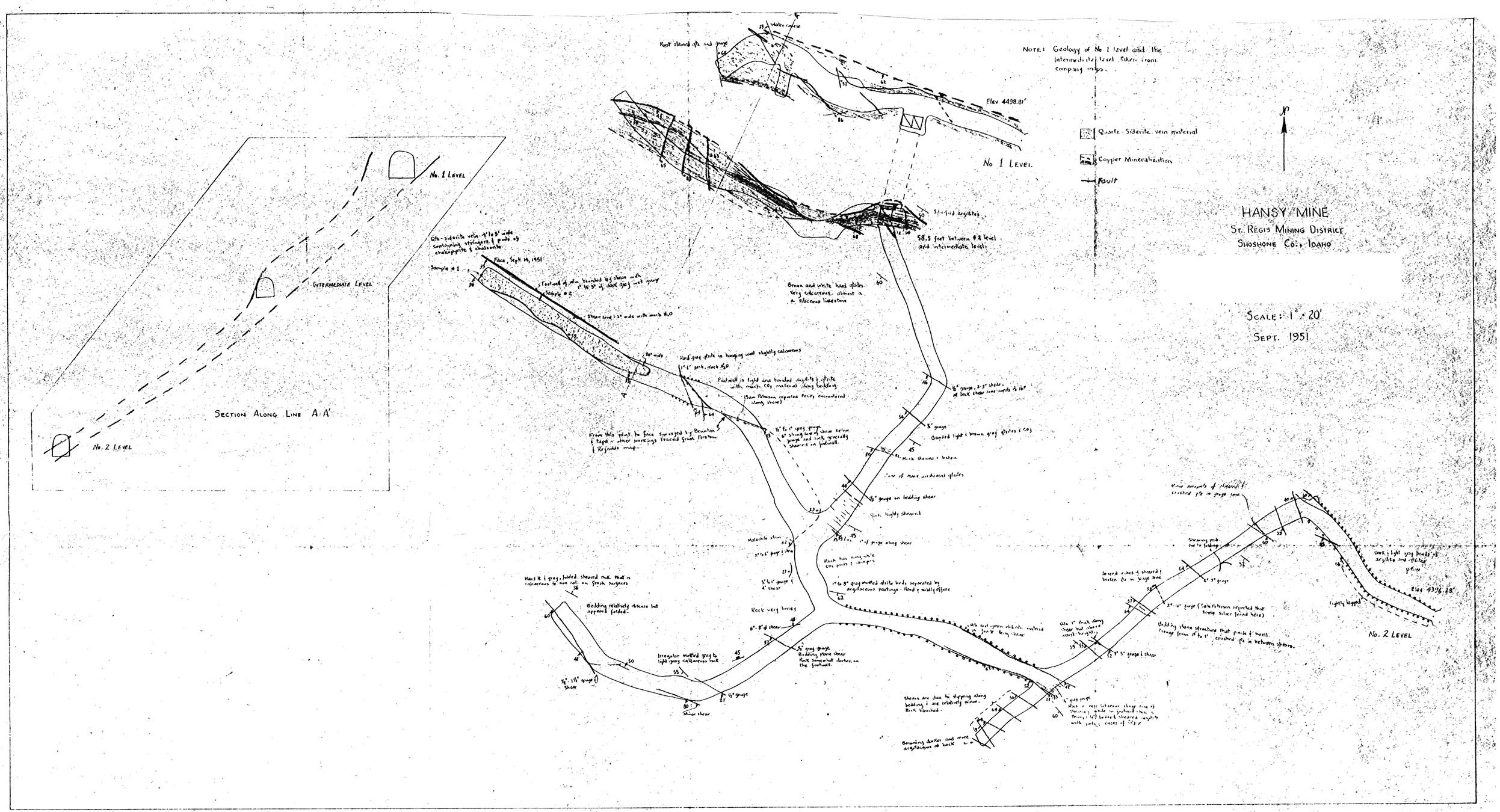
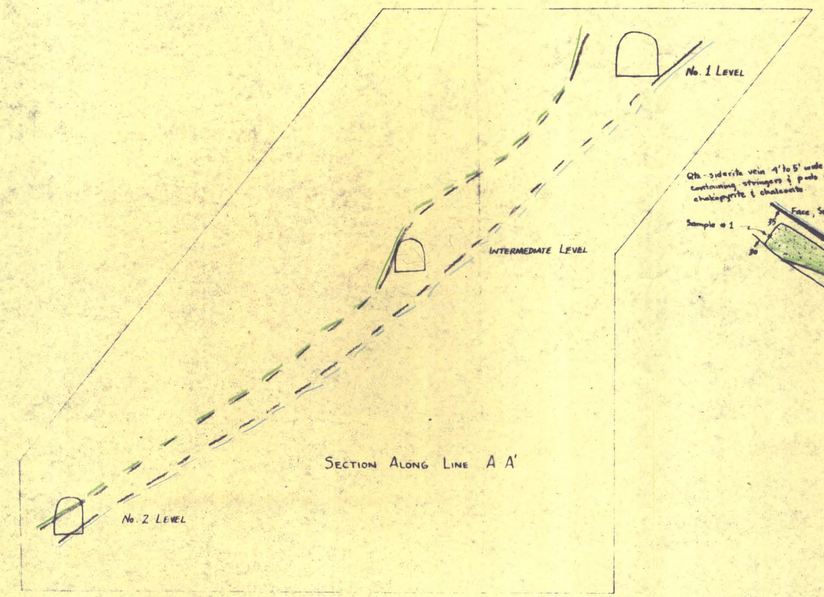
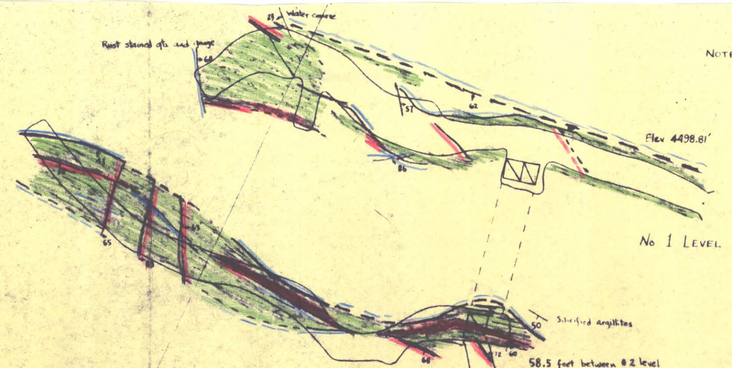
SHOSHONE CO., IDAHO

SCALE: 1" = 60'

Proposed work shown by dashed lines


HANSY MINE
ST. REGIS MINING DISTRICT
SHOSHONE CO., IDAHO
SCALE: 1" = 20'
SEPT. 1951
NOTE: Geology of No 1 level and the Intermediate level taken from company maps.
Quartz - Siderite vein material
Copper Mineralization
Fault
No 1 LEVEL
No. 2 LEVEL
Elev 4498.81'
Elev 4496.28'
58.5 feet between #2 level and intermediate level.
Silicified argillites
Brown and white hard plates. Very calcareous, almost a siliceous limestone
Qtz - siderite vein 4' to 5' wide containing stringers & pods of chalcopyrite & chalcocite
Face, Sept 14, 1951
Sample #1
Sample #2
Footwall of vein bounded by shear with 1" to 3" of dark gray wet gouge
Shear zone 1-2" wide with much H_2O
Hard gray plate in hanging wall slightly calcareous
Footwall is light and banded slightly pyritic with much CO_2 material along bedding
(Sam Peterson reported Fe_2O_3 concentrated along shear)
From this point to face surveyed by Brewster & Page - other workings traced from Preston & Reynolds map.
Rock highly sheared
Rock very limey
Irregular mottled gray to light gray calcareous rock
Hard lt. gray, folded, sheared rock that is calcareous to non calc on fresh surfaces
Bedding relatively obscure but appears folded.
Rock has much white CO_2 pods & stringers
1" to 8" gray mottled dolo beds separated by argillaceous partings - Hard & mostly offset
Rock very sheared & broken
Rock somewhat darker on the footwall.
Shears are due to slipping along bedding & are relatively minor. Rock bleached.
Becoming darker and more argillaceous at back
Bedding plane structure that pinch & swell. Range from 1" to 1' crushed qtz in between shears.
Dark & light gray hard argillite and argillite
PCW
Tightly folded
Shearing due to folding
Sheared zones of sheared & broken qtz in gauge zone
Minor amounts of sheared & crushed qtz in gauge zone
Qtz 1" thick along shear but shears assist bursting
Qtz and green chlorite material in fault & along shear
Water course
Root stained qtz and gouge





NOTE: Geology of No 1 level and the intermediate level taken from company maps.

Quartz Siderite vein material

Copper Mineralization

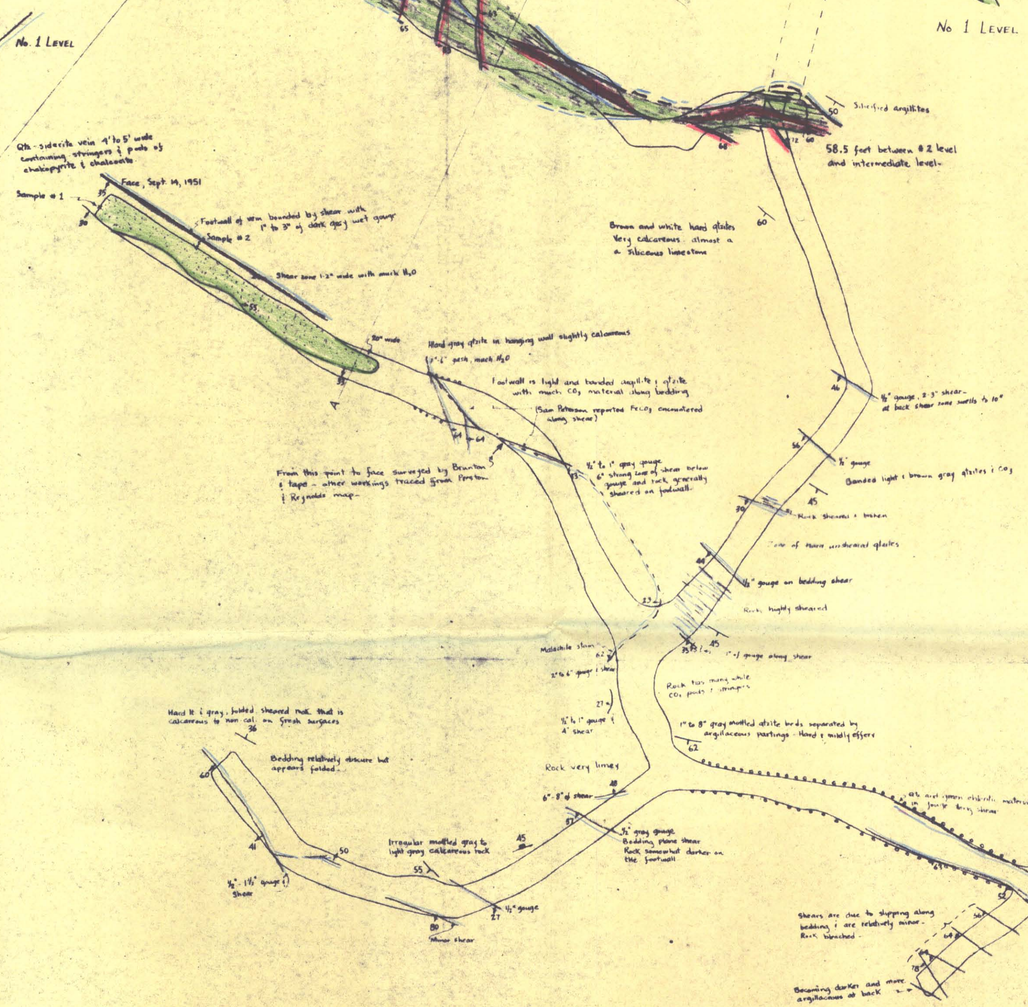
Fault

N

HANSY MINE

St. Regis Mining District

Shoshone Co., Idaho

Scale: 1" = 20'

Sept. 1951