DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2372

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip — Region II

Copies to USBM and USGS--One copy retained

To:	Code 700, Rm. 4640	Date	2-12-52
To:	Opr. Com.	Date	2/28/52
To:	Mr. Mittendorf	Date	
To:	Ellis (Docket)	Date	
To:	Op. Com.	Date	6-13-52
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

700
FILE COPY
SURNAME:

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

JUN 16 1952

Mr. Cyrus Peery
Crown Mining & Milling Co.
Rt. 3
Salo, Oregon

Re: Docket No. DMEA-2372 (Copper)
Marion County, Oregon

Dear Mr. Peery:

Reference is made to your application for Government aid on the captioned exploration project in the amount of $20,000.00.

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

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

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

Sincerely yours,

C. O. Mittendorf (for)
Acting Administrator

JN. 6-16-52

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

FLKnouse/gla
6/11/52
cc to: Adm. Reading File
Opr. Committee
Docket
Messrs. C.H.Johnson-Rm. 3621
Edw. Newcomb, Rm. 5240, GSA
Ellis
Knouse
DMEA Field Team, Reg. II (2)

6/16/52 glu

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

June 13, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA 2372 - Crown Mine, Marion County, Oregon

I have reviewed the report on this property dated May 15, 1952 by D. W. Butner recommending that the exploratory application be denied. The Field Team of Region II transmitted the report May 21, concurring in the recommended denial.

It appears to me that Butner's examination was sufficiently thorough and that the facts presented justify his negative conclusion.

C. H. Johnson

C. H. Johnson

Copy to - Minerals Division
C. H. Johnson
Mr. Nelson, USGS
Base Metals Branch
Files

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 13 1952

6/13/52 gla

IN REPLY REFER TO:

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

June 13, 1952

Re: DMEA-2372
Crown Mining and Milling Co.
Crown Mine, Marion County, Oregon
Exploration grant: $20,000
Copper

Memorandum

To: Mr. E. Wm. Ellis, DMEA

From: Erwin J. Lyons, USGS

Subject: Recommendation for denial of application

The field team, in their report, state that there is no evidence of the proposed project uncovering an orebody of minable grade and tonnage. They recommend that the application be denied.

We concur in this recommendation.

Erwin J. Lyons
Erwin J. Lyons
Geologist

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

June 13, 1952

Re: DMEA-2372
Crown Mining and Milling Co.
Crown Mine, Marion County, Oregon
Exploration grant: $20,000
Copper

Memorandum

To: Mr. E. Wm. Ellis, DMEA

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We concur in this recommendation.

Erwin J. Lyons
Geologist

ADMINISTRATOR

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

1201 N. Division St.
Spokane 2, Wash.
May 21, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 2 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region II

Subject: Crown Mine, Marion County, Oregon, Docket No. DMEA 2372, commodity: copper

An examination report prepared by D. W. Butner, mining engineer, Bureau of Mines, concerning the captioned property is enclosed herewith for consideration.

The Field Team, in agreement with the examining engineer, concludes that the geologic probability of making a significant mineral discovery is remote. This opinion is, in part, reinforced by the discouragingly low assay returns obtained from the veins accessible to sampling.

It is recommended, therefore, that the applicant's request for exploration assistance be denied.

By Field Team, Region II

A. E. Weissenborn

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

M. E. Volin

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

Enclosures

cc: USGS, Spokane

Albany, Oregon
May 15, 1952

MEMORANDUM

To : M. E. Volin, Member, DMEA Field Team, Region II
From: D. W. Butner, Mining Engineer

Subject: Crown Mine, Marion County, Oregon
Docket No. DMEA 2372
Commodity: Copper

RECOMMENDATION

It is recommended that the Crown Mining and Milling Co. application for an exploration contract be denied.

INTRODUCTION

Mr. Cyrus Peery, as Secretary-Treasurer of the subject company, submitted on January 22, 1952, an application for DMEA assistance. The development proposed is the driving of an adit at a level 500 feet below the old workings. The applicant estimates the horizontal distance at 1000 feet.

LOCATION AND ACCESSIBILITY OF DEPOSIT

The property is located principally in Sec. 33, T. 8 S., R. 4 E., W.M., in Marion County, Oregon, about 20 miles east of Lyons, the nearest rail point. A county road leads part way up the Little North Santiam River, and is continued by a logging road past a point on the north side of the river that is opposite the mine site. A trail leads from the south bank of the river up the hillside to the mine, 1500 feet higher. The Crown Co. has retained ownership of six claims, the Surprise, Wonder No. 1, Wonder No. 2, Hazel No. 2, Crown Annex, and Fraction.

A cabin near the river, that could be repaired, and piping in several sizes, are the only usable equipment on the property. An old compressor, pump and boiler are obsolescent and beyond repair.

Reviewed by
DMEA OPERATING COMMITTEE
6-9-52
(date)

A crosscut adit was driven about 500 feet into the mountain, in the course of which, seven veins were intersected. About 650 feet of drifting was driven on these veins and a winze was sunk 80 feet on the most promising vein. This description of the workings was given by the applicant, who also has letters written years ago stating that the copper content of the ore increased as the winze was sunk until sampling showed 20 percent at the bottom. The width of samples is not mentioned, in fact all information is vague. At the time of the Bureau's investigation, the adit was inaccessible beyond 200 feet from the portal, where caved ground blocked passage.

GEOLOGY

The Crown Mine was described in U.S.G.S. Bulletin 893, "Metalliferous Mineral Deposits of the Cascade Range in Oregon" by Callaghan and Buddington, 1938, p. 91. The paper is quoted as follows:

"The (Crown) crosscut cuts several veins and fractures of altered andesite, tuff, volcanic breccia and rhyolite near the contact of an intrusive mass of quartz diorite lying to the southwest. There are also dikes of porphyritic diorite and hornblende-biotite andesite. The veins consist largely of lenticular masses of brecciated altered country rock with chalcopyrite lining vugs and in veinlets."

The first three of these veins were accessible. The strikes were N 55° - 82° W and dips were steeply to NE. Samples were cut across two of these, and assays gave the following results:

Sample No.	Width	Description	Assay Ounces/ton Au	Ag	Percent Cu	Zn
B2-3	2'0"	52' in Salem drip	Tr	.50	.02	.20
B2-4	4'0"	40' in Blind Vein drift	Tr	.70	>.01	>.10
B2-5	picked	dump material	Tr	.62	.58	>.10

The sample B2-5 was taken from mineralized fragments on the dump.

The veins were narrow gouge-filled slips 1/2 inch to 6 inches wide; locally the walls were brecciated and in places were hard, silicified volcanics. Some small quartz crystals were seen on vein walls and in the Salem vein calcite was observed.

Surface outcrops were difficult to follow because of the heavily forested terrain.

DESCRIPTION OF PROPOSAL

The applicant proposes to drive an adit under the old tunnel at an elevation 500 feet below the old workings. The objective is to cut the veins seen in the upper level at greater depth. There, it is presumed, they will have combined into a large body of high-grade ore. The lower altitude of the haulage portal would increase the feasibility of access road construction.

It is proposed that the ore will be concentrated in a mill to be erected by the Amalgamated Mines on a site about 9 miles from Crown Mine.

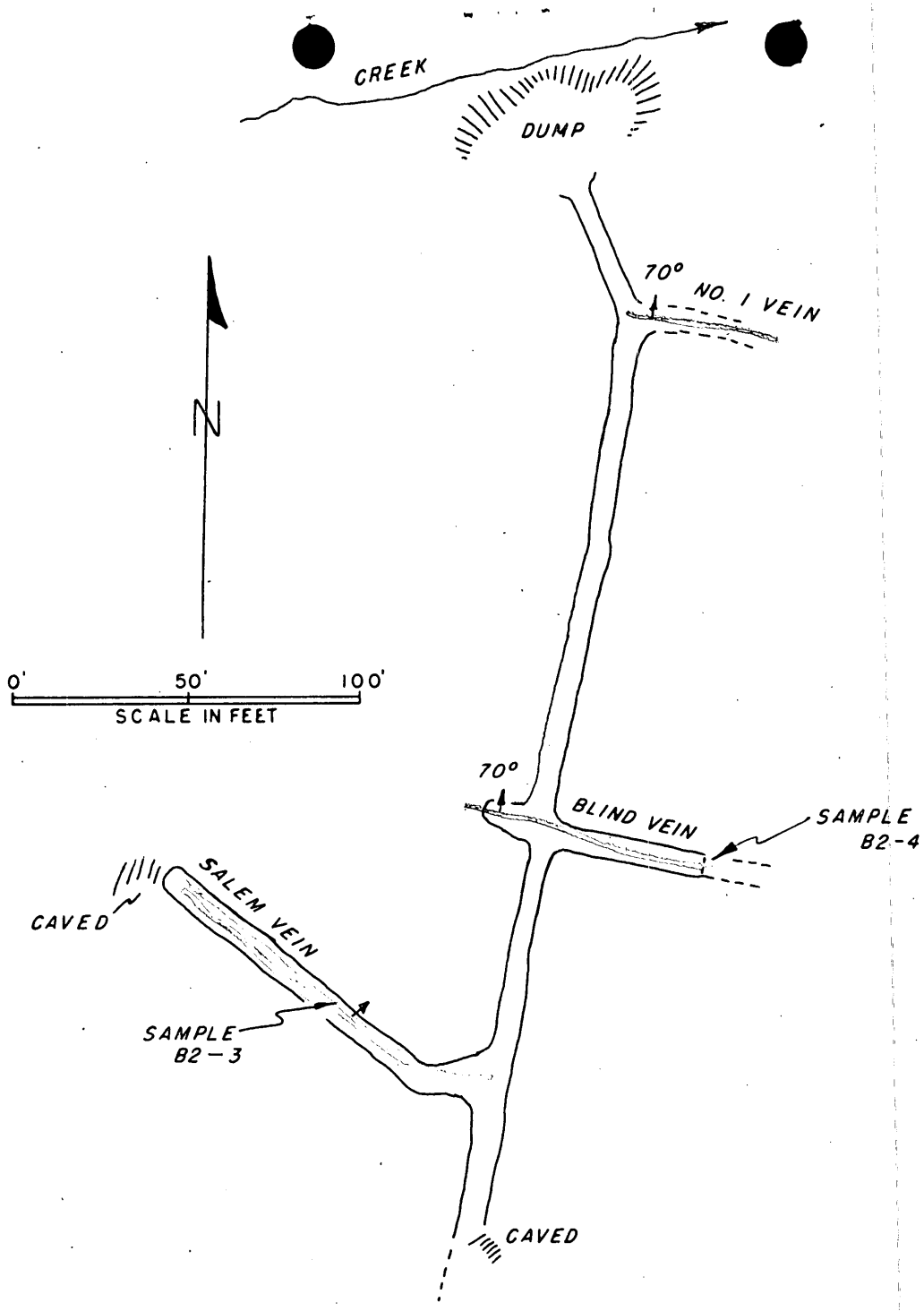
COMPETENCE OF APPLICANT

The applicant is a vigorous young man, a son of the original owner, who is enthusiastic over the reopening of the mine. He knows nothing of mining operations and would not be competent to direct the work. Two experienced miners are stockholders in the company and are said to be willing to return to the mine.

CONCLUSIONS

There was no evidence in the accessible part of the mine that would justify the driving of 1000 feet of heading.

D. W. Butner,
Mining Engineer



Crown mine, Marion County, Oregon ——— D.M.E.A 2372

1201 N. Division St.
Spokane 2, Wash.
May 21, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region II

Subject: Crown Mine, Marion County, Oregon, Docket No. DMEA 2372, commodity: copper

An examination report prepared by D. W. Butner, mining engineer, Bureau of Mines, concerning the captioned property is enclosed herewith for consideration.

The Field Team, in agreement with the examining engineer, concludes that the geologic probability of making a significant mineral discovery is remote. This opinion is, in part, reinforced by the discouragingly low assay returns obtained from the veins accessible to sampling.

It is recommended, therefore, that the applicant's request for exploration assistance be denied.

By Field Team, Region II

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

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

Enclosures

cc: USGS, Spokane

Albany, Oregon
May 15, 1952

MEMORANDUM

To : M. E. Volin, Member, DMEA Field Team, Region II
From: D. W. Butner, Mining Engineer

Subject: Crown Mine, Marion County, Oregon
Docket No. DMEA 2372
Commodity: Copper

RECOMMENDATION

It is recommended that the Crown Mining and Milling Co. application for an exploration contract be denied.

INTRODUCTION

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Reviewed by
DMEA OPERATING COMMITTEE

6-9-52
(date)

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The applicant proposes to drive an adit under the old tunnel at an elevation 500 feet below the old workings. The objective is to cut the veins seen in the upper level at greater depth. There, it is presumed, they will have combined into a large body of high-grade ore. The lower altitude of the haulage portal would increase the feasibility of access road construction.

It is proposed that the ore will be concentrated in a mill to be erected by the Amalgamated Mines on a site about 9 miles from Crown Mine.

COMPETENCE OF APPLICANT

The applicant is a vigorous young man, a son of the original owner, who is enthusiastic over the reopening of the mine. He knows nothing of mining operations and would not be competent to direct the work. Two experienced miners are stockholders in the company and are said to be willing to return to the mine.

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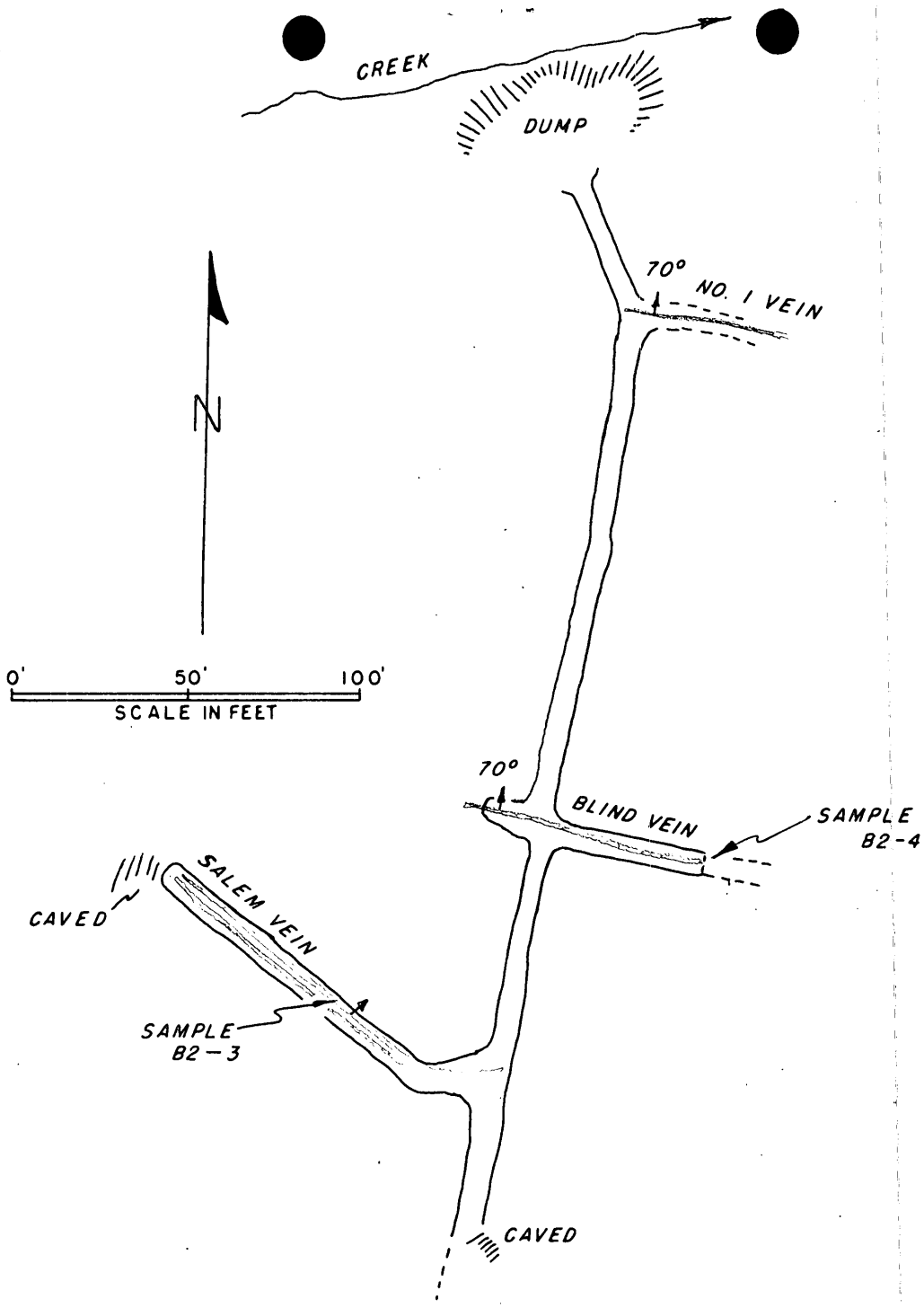
D. W. Butner,
Mining Engineer



Crown mine, Marion County, Oregon —— D.M.E.A 2372

FILE COPY
SURNAME:

Ellis
Knouse
Thayer
Johnson

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

MAR 3 1952

Mr. Cyrus Peery
Crown Mining & Milling Co.
Rt. 3
Scio, Oregon

Re: Docket No. [illegible]-0372 (Peery)
Marion County, Oregon

Dear Mr. Peery:

Your application for assistance in exploring your property in Marion County, Oregon, under the above captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration and has been referred to Mr. A. [illegible] Weissenborn, Executive Officer, Region [illegible], [illegible] Field Team, South 157 Howard Street, Spokane 8, Washington, for a field examination.

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

Sincerely yours,

C. O. Mittendorf

N.N. 3-3-52

Acting Administrator
Defense Minerals Exploration
Administration

FLKnouse/jem
2/28/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Med Rm. 4216 GS
Ellis
Knouse
Field Team, Region II (2)

FILE COPY
SURNAME:

Ellis
Knouse

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

MAR 3 1952 AIR MAIL

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

Re: Docket No. [illegible]-2372 (Copper)
Crown Mining and Milling Co.
Marion County, Oregon

Dear Mr. Weissenborn:

The captioned application is referred to your office for a Field Team examination.

We are attaching copies of memoranda from Mr. C. H. Johnson dated February 19, 1952, and Mr. N. E. Nelson, dated February 26, 1952, outlining the important questions to be considered when the examination is made. If, however, the proposal submitted by the applicant or an alternate program is recommended by your office and approved by the applicant, maps or sketches showing the proposed work in relation to the mining claim lines, with detailed costs as are outlined in Form MP-103, should accompany the report. The cost and description of any equipment to be purchased or rented and the fair market value and description of any equipment to be supplied by the operator should be stated. If all or any part of a recommended program is to be done by a contractor, it should be so indicated, also a detailed breakdown of the cost of supplies. If an exploration program is recommended, we will require from the applicant a list of the mining claims on which work is to be done and any adjoining claims controlled by the applicant, where the claims are recorded, book number, page, and entry date.

It is noted in your memorandum of February 7, 1952, that you retained copies of Forms MP-103 and MP-100 of this application.

When we receive the above information we will be able to proceed with the processing of this application.

Sincerely yours,

(signed) FRANK E. JOHNSON (JHB)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures 4

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

T. P. Thayer (JHB)
Member, Geological Survey

FLKnouse/jem 2/28/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, C.H. Rm. 3621
Nelson, Ned Rm. 4216 GS
Ellis Knouse
Field Team, Region II

S.N. 3-3-52

2/20/52 gla

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

February 18, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA 2372 (Copper) - Crown Mining and Milling Company - $20,000

I have reviewed the subject application and am of the opinion that it probably has very little merit. The property appears to have been explored persistently for many years. I doubt that the Government will wish to contribute to the extension of the low-level tunnel. No factual evidence of worthwhile mineralization in the upper workings is presented, although apparently it is possible to obtain high-grade selected copper specimens at various points on the property.

My recommendation is that the Field Team be requested to make an examination of the property when snow is off the ground so that surface as well as underground showings can be inspected. In the meantime, the Field Team probably should get in touch with the Applicant and see if the copper showings are accessible. Those in the winze probably are under water, but perhaps the winze could be pumped out by Applicant prior to an examination.

C. H. Johnson

C. H. Johnson

CHJohnson/ht

Copy to: Mr. Nelson - GS
MineralsDivision
C. H. Johnson
Files

2/27/52 gla

IN REPLY REFER TO:

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

February 26, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: N. E. Nelson

Subject: Crown Mining and Milling Company, Scio, Oregon DMEA-2372

Comment

This application is not well supported by up-to-date technical data and the fact that the property has been a prospect for such a long period makes one suspicious of the worth of the five samples for which assays are given. The same applies to the report by J. C. Haas who speaks of frequent samples taken (by the manager) inspected (by him, Haas) and assayed, but no results are given and no assay plan supplied.

As Mr. Johnson suggests, the prospect may merit an examination by the field team, so such is recommended.

N. E. Nelson

Ned E. Nelson
Geologist

Subject: DMEA-2372
Re: Exploration Loan
Crown Mining & Milling Co.
February 12, 1952

Mr. Cyrus Peery
Crown Mining & Milling Co.
Rt. 3
Scio, Oregon

My dear Mr. Peery:

This will acknowledge receipt of your application dated January 22, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2372 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2372 in any future correspondence relating to your application.

Sincerely yours,

R. E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

DMEA-2372

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

February 7, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

MEMORANDUM

To: Operating Committee
Defense Minerals Exploration Administration

From: Field Team, Region II

Subject: Application for Exploration Loan
Crown Mining and Milling Company
Scio, Oregon

Enclosed are three copies of MF-100 and three copies of MF-103 of the subject application. Copies of MF-100 and MF-103 are being retained so as to expedite a field examination.

Verne C. Fryklund

Verne C. Fryklund
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: USBM-Spokane

JAN 14 1952

Jan. 12-1952

U. S. Dept. of Interior
Bureau of Mines
Spokane, Wash.

Dear Sir;

Enclosed is our application for government aid under the Defense Production act of 1950. We cannot raise sufficient funds to complete our work and put our mine into production and would like to get aid. We estimate it will take about $50,000 to do this.

I believe we have supplied all information with the enclosed data. If any more is needed please let us know. At present there is snow on the property, but we would like to have the government engineers survey + report as soon as it goes. We would like to resume work as soon as possible this spring.

Sincerely
Cyrus Perry

Sec. Treas. Crown Mining + Milling Co.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2372
Metal or Mineral
Date Received 2/11/52
Amount $
Participation (Government %)

Name and address of applicant

CROWN MINING & MILLING CO.

Rt. 3 Scio, Oregon

Date Jan. 22, 1952

Defense Minerals Administration
RECEIVED
FEB 11 1952

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

DMA Docket Number (if available) .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Crown Mining & Milling Company
(Name of company)

By Cyrus Perry
(Signature of authorized official)

January 23, 1952
(Date)

Sec. Treas
(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—64067-2

I. Description of property:

1. Located in the Lester Mining District, township 8 sections 32, 33, 34- Range 4 E. Marion county, Oregon. 20 miles east of Mehama Oregon on the Little North Fork of the Santiam River.

2. The company is owner of 6 mining claims by right of assessment work.

3. The lown is to be applied to all six claims, due to location of buildings, road and so forth.

4. There are no leins of any kind against the property.

II. 1. We expect to mine copper, with lead, zinc, silver & gold as by-products.

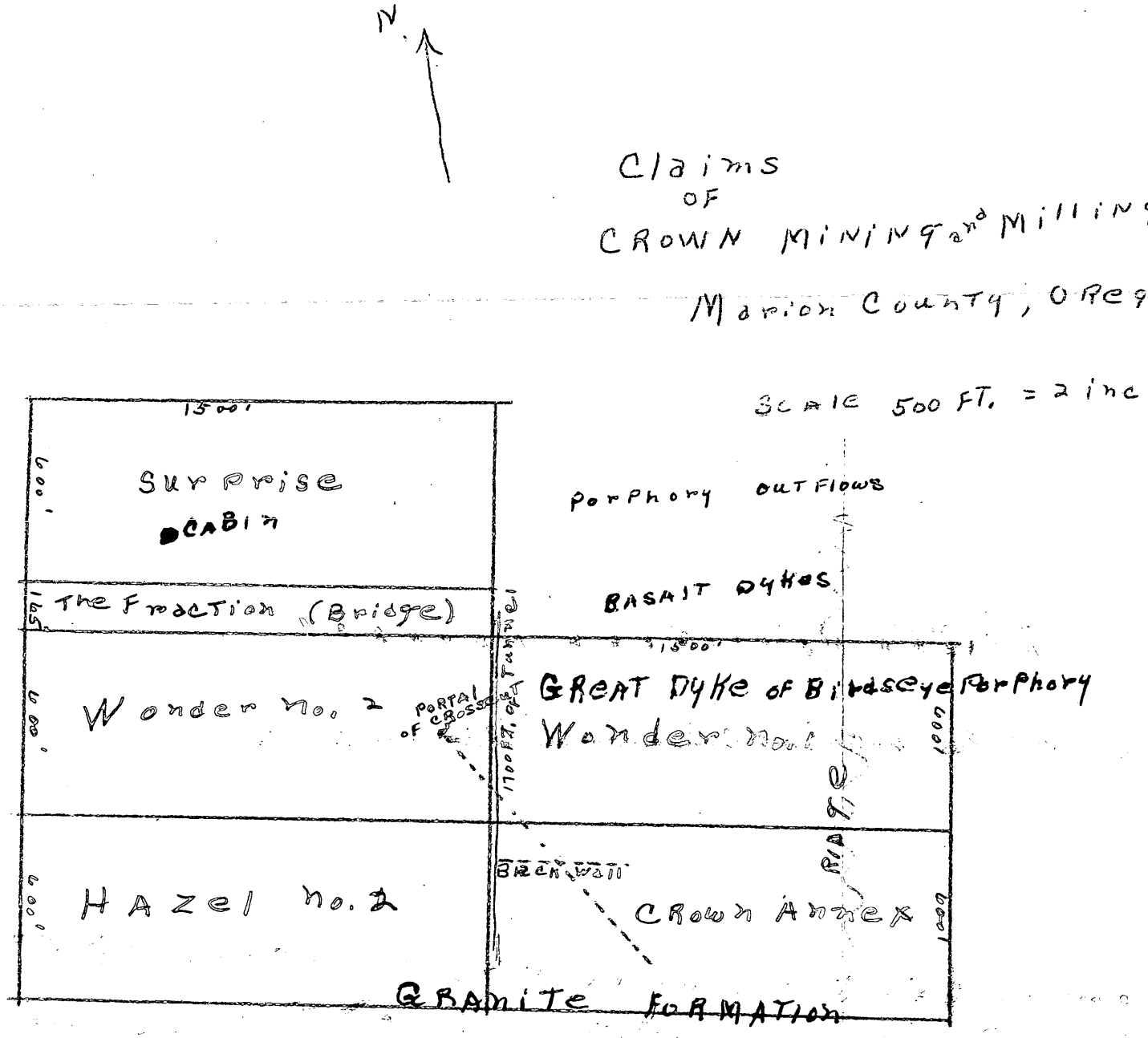
2. A map furnished on page3. other data - engineers reports etc. please return.

III. A. The proposed work is to open up our ore body by driving approximately 1000 feet of tunnel. The tunnel will crosscut seven major veins. The first vein at about 200 feet from portal of tunnel. The old tunnel above the new tunnel skimmed the tops of all these veins. The veins were badly leached except at the bottom of an 84 foot shaft which showed commercial ore of from 16% to 25 % copper.

The new tunnel will be 500 feet greater depth than the oldone. It will cost $20,000 at present price of operation or $20 per foot.

B. It will take approximately 30 days to start the project, including moving machinery in and fixing bunk house etc. It will take about 8 months to one year to complete, though if enough ore is blocked out in any of the first six veins no more money would be necessary as the mine would pay its own operation cost.

PAGE 3


N
Claims
OF
CROWN MINING and MILLING Co.
Marion County, Oregon
SCALE 500 FT. = 2 inches
1500'
600'
Surprise
CABIN
Porphory OUTFLOWS
BASALT DYKES
500'
The Fraction (Bridge)
1500'
Wonder No. 2
PORTAL OF CROSS
1700 FT. OF Tunnel
GREAT DYKE OF Birdseye Porphory
Wonder No. 1
1000'
RIDGE
BREAKWALL
HAZEL No. 2
CROWN ANNEX
GRANITE FORMATION
LAKE
4350'
SUMMIT 4850'

V. At present the company has only one 16x36 ft. bunk and cook house on the property. This would require about $30 to be put in condition for use. We have plenty of ½ inch galvenized pipe and one inch pipe for air and water- approximately 1200 feet of each. With all couplings. The present compressor and gasoline engine are obsolete. We also have plenty of drill steel, but will need bitts for the steel. We have adequate water supply for both mine and living quarters. Also plenty of timbers for mine and wood and any timbers rezuired for building purposes.

VI,. The company will need one building for bunkhouse, costing about $500, cookhouse supplies, stoves, dishes etc. $200; Bunks etc. $200. Tools and firefighting equipment- blacksmith shop about $200 and about $200 for incidentals during the period of operation such as coal etc.

VII Items to be purchased by the company and prices as given by Woodbury and company of Portland as of April 1951:

1CP 9 3/8 - 5½ " 5" two stage vertical compressor to operate two 45# drills @ 100# pressure price F.O.B. Portland	$1580
1 24"- 6' 0 air receiver for above price F.O.B . Portland	170
1 gas or deisel engine, pulley and v belt	2000
rock drills	345
Drill column 20" arm saddle & jack bar	147
Hose and couplings for rock drill	30
Water tank complete hose & valves	80
all prices delivered	
Steel rails @ 8¢per puond 9 ton	1440
8" 16 guage blower pipe $1.15 per foot	1115

also at least $200 extra for small tools.

VIII Labor is as follows estimated by present wages paid by mine operated now in this vicinity.

2 drillers	$15 per day	$30
2 muckers	12 per day	24
1 cook	12 per day	12
1 superintendent	$20 per day	20

Thses figures may vary according to increase or decrease in national wage scale for such work.

IX Supplies for cook shack would run about $250 per month

Gas & oil about $75 for transporting supplies
Assaying about $15 accounting possibly $15 and about $50
for incidentals Also taces on labor etx. would run about
15 % of the payroll .

We are prepared to invest onehalf of the cost of this project. We do not have the money on hand but will raise it by stock sales among our stockholders . If a vein of commercial value is opened before we drill the 1000 ft. we could ship the ore and pay more or all the rest of the cost of operation

This is the amount required by the Government.

Form MF-103
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2372

Date received 2-11-52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

Crown Mining & Milling Co.
Scio, Ore.

Name and address of applicant

Date

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 _____

   If not in production or operation, estimated date when production will begin _____
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)
Laurence Young	Sec, Ore.			[illegible]			
Ed Bilyeu	Sec, Ore.			616			
[illegible]	" "			1350			
[illegible]	Lebanon Ore.			30			
[illegible]	Lebanon Ore.			4 53			
[illegible]	Sacramento, [illegible]			11 [illegible]			
[illegible]				[illegible]			
[illegible]	Idaho			[illegible]			
	Total		x x x x x	23 [illegible]		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ [illegible]	$ [illegible]	$ [illegible]	[illegible]	[illegible]
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
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)					

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.

12. Ore or Mineral Reserves: see reports

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*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.

20 miles to rail road & pavement.

14. Water Supply:

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

All year water from North Fork of Santiam River.

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.

4 men single shift.

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.

Crown Mining & Milling Co
(Name of company)

By Cyrus Perry
(Signature of authorized official)

Jan. 23 1952
(Date)

Sec. Treas
(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

GENERAL TECHNICAL DATA

from Crown Mining & Milling co.

1. Copper, gold, and silver with lead and zinc byproducts

2. CROWN MINING & MILLING CO. holding at present 6 claims.
   (a). 85 ft. of shaft.
   (b). About 2000 ft. of tunnels & crosscuts.
   (c). There are about 150 ft. of other tunnels besides the ab ove mentioned tunnel. The shaft has been abandoned because of wate conditions.

3. (a). About 20 mi. from Lyons- nearest railroad.
   (b). Lester Mining District- Twnship. 8 Sec. 32; 33; 34 Range 4 E. Marion County, Oregon.

4. Mine is not in operation at present.

5. Has not produced commerdially and do not know when it will.

6. Men who have worked in the past are well known mining men and the p present board of directors are familiar with mining.

7. (a). The company was organized in 1908 and has c ontinued under the same business name since. R.E. Peery was discoverer and manager until his death in 1938. Dave Schrock succeded him as manager.

Several small tunnels were dug for exploration, besides the main tunnel of about 2000 feet, including drifts and laterals. The assays ran from a few dollars up to $20 per ton. Practically all the work was done in ore-bearing rock. Very little timpbering is necessary except for a serpentime dyke of about 60 ft. which has now caved in. The mine was not producing int 1940 and since the war we have not been able to get sufficient f funds to complete ou tunnel. The old tunnel cut the top of the veins so we sank a shaft on one vein. Thore got better as we went down, but the water was so bad we abandoned it. A new tunnel was started in Dec. 1940 at a depth of 600 ft. lower down the mountain. This tunnel will be about 1000 ft. long to come under the floor of the old tunnel, but will cross 7 veins of from 400 to 1000 ft depth or 500ft greater deppth than the old tunnel. We had just faced th this new tunnel when we shut down and have not started since. , due to lack of finances. We believe the first vein of paying quantities will be reached at 450 ft. and this ore will pay fot the rest of the work. We have plenty of timber and water for all mine needs on ou property.

(b). There are 7 other properties in this district. The Santiam Mine Co. No. 1 & No. 2 owned by J.P. Hewitt, Mehama Ore. shipped ore but the millwould not handle this type of ore. A new mill is to be erected some time this year on other property held by Mr. Hewitt. which could handle our ore as a custom mill.

There are the Silver King, below our mine owneddby Mrs. Wm. Risley of Albany, Oregon. The Amalgomated Mines which consist of 6 different companies with headquarters at about the center of abou 100 claums. This is the group which are planning to install the new mill and a s awmill this spring. They are the only active group in this section at present. They have approximately 200,000 tons of zinc blocked out for their mill. There are several smaller claims between these mines and our mine- adidtance of about 9 miles- of good gravel road.

No. 2 Progress Report
Crown Mining & Milling Co.
Nov. 18, 1935

Since my first progress report, Aug. 28 1934, the winze in tunnel has been extended to further depth, so that at present time, the bottom of the winze has reached a depth of somewhat over 60 feet below floor of tunnel.

At time of my recent visit to property, Nov. 14, 1935, the winze was filled with water, as the work of sinking had been temporarily suspended.

However, as the work progressed, Mr. R. E. Peery (your manager) took frequent samples, indicating the grade & character of ore and materiel passed through; I am pleased to vouch for the fairness and accuracy of Mr. Peery's sampling at all times.

Many of the samples were sent to me for inspection before being assayed.

While at the property recently, I examined all materiel removed from the winze during the progress of the sinking, now lying in the dumps at the portal of tunnel; this materiel is made up of ore of all grades, vein filling & ledge matter; judging from the results of sampling as the work progressed, and from an examination of the dumps, it can be said that practically all materiel removed from the winze was ore, carrying copper, gold & silver values, a considerable portion being ore of a commercial milling grade.

Samples from the bottom of winze still indicate some leaching and oxidation, although much of the ore is a rich beautiful chalcopyrite, of a primary nature, occurring in a lite colored altered acidic rock, which I believe (in absence of ~~[illegible]~~) to be included in the dacite-quartz-diorite series, its

igneous magma or mass being made up of mostly silica, (up to 75%) with alumina following in percentage and lesser amounts of iron oxides, lime & magnesia.

Mr. Perry has original assay certificates which he is always pleased to show interested parties.

The work has been hampered (among other things) by the flow of water, all of which has been handled by baling with a bucket and hoisting to tunnel level; this is slow, laborous and costly; a pump is badly needed, as also an air compressor of larger capacity.

The ore is ideal for concentration by water or oil, or a combination.

I am more than ever satisfied with the nature of the present development, and cannot urge you too strongly to push it to the objective planned.

I believe the results will amply compensate you for the effort and money expended.

J Cleveland Haas

Mining & Consulting Engineer

Portland Ore.

Assay Reports

Assay office of U. S. at Seattle
for Crown Mining + milling Co. Mar. 28, 1927

No.					
48 –	No. 1.	Gold - trace -	Silver .86 at 0.48 per Ton	- Copper	10.8%
49 –	No. 2	" "	" trace	"	1.5%

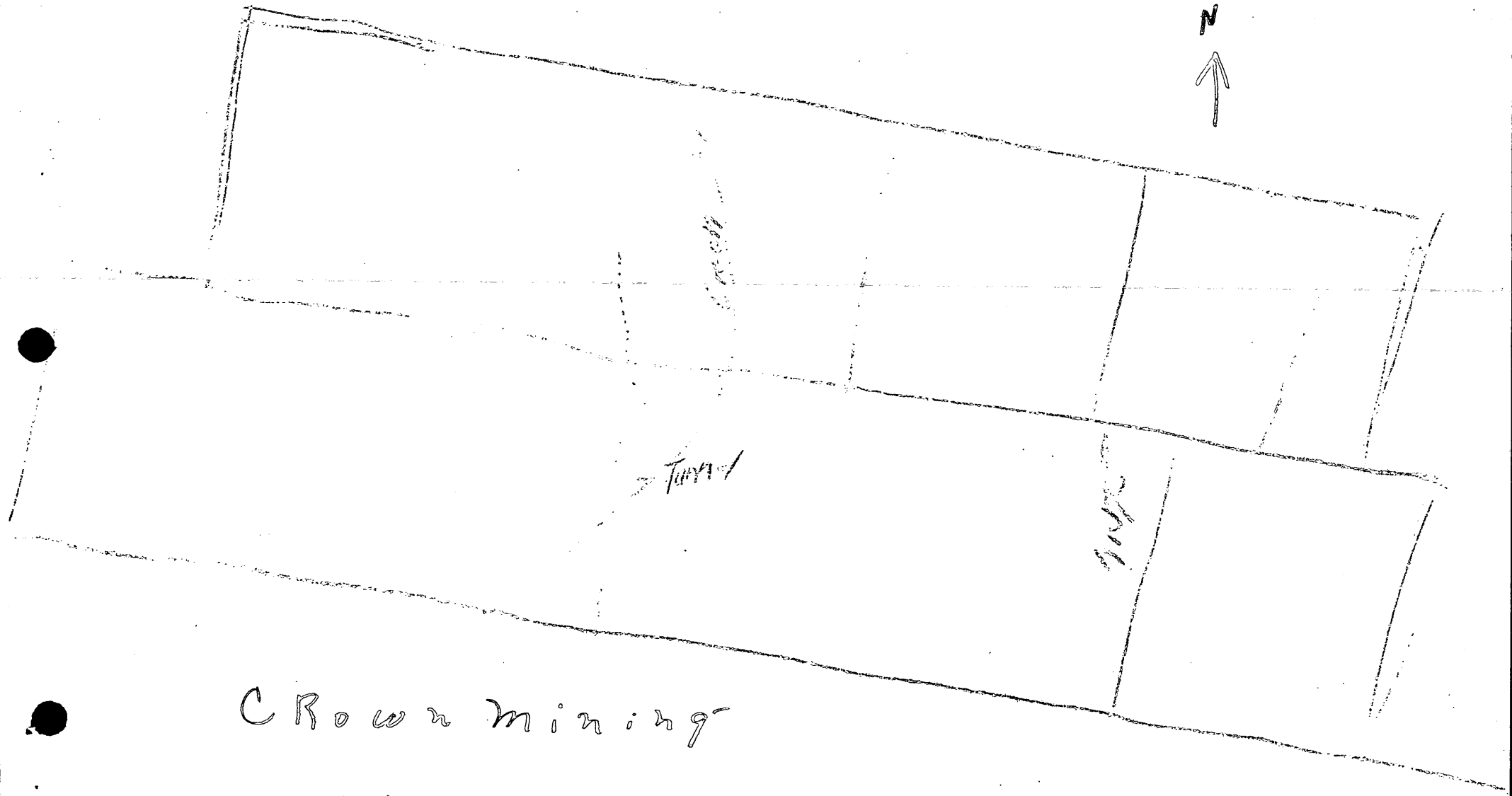
Assayed Oct. 20-21-1932

No. 3 Grab sample new vein Gold = 0.02 oz per ton
Silver = 2.38 " " "
Copper = 14.28 %
G. E. Whitcomb

Assayed Mar. 20-1929

No. 3 - Sample of hi grade ore from overhead in Black Wall vein at point about 35 ft. in from crosscut:
Gold 00 Silver 2.20 oz Copper 16.5 %
A. L. Glover Seattle

Private assay 1950 showed one sample to have 17 % Copper.



Crown Mining
and Milling Co.
Scio, Ore.

DMEA-2372

Jan. 12-1952

U. S. Dept. of Interior
Bureau of Mines
Spokane Wash.

Dear Sir;

Enclosed is our application for government aid under the Defense Production Act of 1950. We cannot raise sufficient funds to complete our work and put our mine into production and would like to get aid. We estimate it will take about $50,000 to do this.

I believe we have supplied all information with the enclosed data. If any more is needed please let us know. At present there is snow on the property, but we would like to have the government engineers survey & report as soon as it goes. We would like to resume work as soon as possible this spring.

Sincerely
Cyrus Perry

Sec. Treas. Crown Mining & Milling Co.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2372
Metal or Mineral
Date Received 2/11/52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

CROWN MINING & MILLING SO.
Rt. 3 Scio, Oregon

Name and address of applicant

Date Jan. 22, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

DMA Docket Number (if available) .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Crown Mining & Milling Co (Name of company) By Cyrus Perry (Signature of authorized official)

Jan. 23 1952 (Date) Sec. Treas (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—64067-2

I. Description of property:

1. Located in the Lester Mining District, Township 8, sections 32, 33, 34- Range 4E. Marion county Oregon. 20 miles east of Mehama Oregon on the Little North Fork of the Santiam River.

2. The company is owner of 6 mining claims by right of assessment work.

3. The loan is to be applied to all six claims due to location of buildings, roads and so forth.

4. There are no leins of any kind against the property.

II. 1. We expect to mine copper, with lead, zinc, silver & gold as by-products.

2. A map is furnished on page 3. Other data - engineers reports etc. please return.

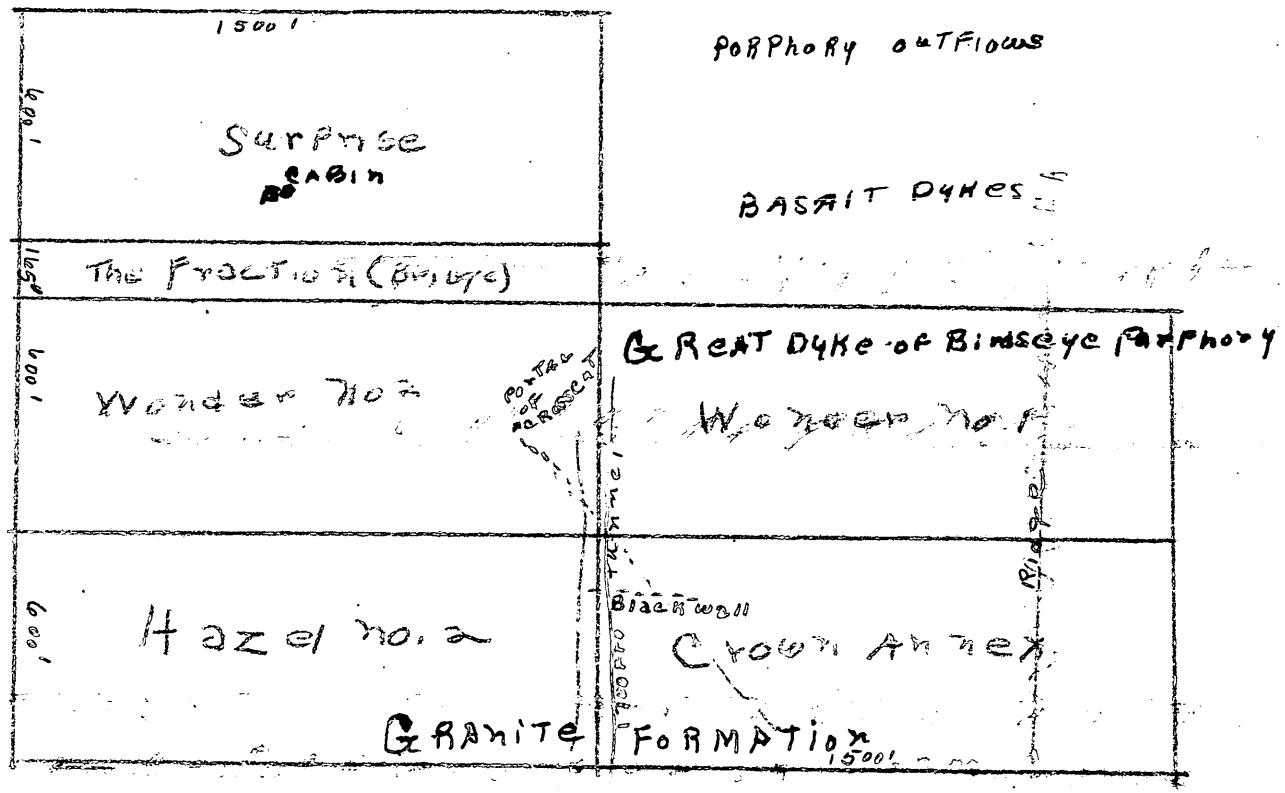
III. A. The proposed work is to open up our ore body by driving approximately 1000 feet of tunnel. The tunnel will crosscut seven major veins. The first vein at about 200 feet from portal of tunnel. The old tunnel above the new tunnel skimmed the top of all these veins. The veins were badly leached ecxept at the bottom of an 84 ft. shaft which showed commercial ore of from 16% to 25% copper.

The new tunnel will be 500 ft. greater depth than the old one. It will cost $20,000 at present price of operation or $20 per ft.

B. It will take approximately 30 days to start the project, including moving machinery in and fixing bunk house etc. It will take about 8 month to one year to conplete, though if enough ore is blocked ou in any of the first six veins, no more money would be necessary as the mine would pay its own operation cost.

N

Claims
of
CROWN MINING & MILLING CO.
MARION COUNTY, ORE
SCALE 500 FT. = 2 inches



LAKE
4350'

SUMMIT 4850'

V. At present the company has only one 16X36 ft. bunk and cook house on the property. This would require about $30 to be put in condition for use. We have plenty of ½ inch galvenized pipe and one inch pipe for air and water- approcimately 1200 feet of each. with all couplings /The present compressor & gasoline engine are opsolete. We also have plenty of drill steel, but will need bitts for the steel. We have adequate water supply for both mine and living quarters. Also plenty pf timbers for mine and wood and any timbers required for building purposes.

VI The company will need one building for bunkhouse, costing about $500. Cook house supplies stoves, dishes etc. $200 Bunks etc. $200. Tools and fire prevention supplies blacksmith shop about $200. and about $200 for incedentals during period of ~~oper~~ operation such as coal etc.

VII. Items to be purchased by the company and prices as given by Woodbury and company iof Portland as of April 1951 :

1 C P 9 3/8-- 5½'' 5" two stage vertical compressor to operate (2) 45# drills @ 100# pressure Price F.O.B. Portland	$1580
1 24"-6' 0 air receiver for above price F.O.B. Portland	170
1 gas or deisel engine, pulley and v belt	2000
Rock drills	345
Drill column 20" arm saddle & jack bar	147
Hose and couplings for rock drill	30
water tank complete hose & valves	80
all prices delivered	
Steel rails @ 8¢ per pound 9 ton	1440
'8" 16 guage blower pipe 1.15 per foot	1115

Also at least $200 extra for small tools.

VIII Labor is as follows estimated by present wages paid by mine operated now in this vicinity.

2 drillers-	$15 per day	$30
2 muckers	12 per day	24
1 cook	12 per day	12
1 superintendent	$20 per day	20

These figures may vary according to increase or decrease in national wage scale. for such work

IX Supplies for cook shack would run about $250 per month gas and oil about $ 75 for transporting supplies. Assaying about $15 Accounting possibly $15 and about $ $ 50 for incidentals also taxes on payr labor would run about 15% of pay roll.

We are prepared to invest one half of cost of this project. We do not have the money on hand but will raise it by stock sales amog our s tockholders. If a vein of commercial value is pened before w e drill the 1000 feet we could ship the ore and pay more or all the rest of the cos t of operation This is the amount required by t he Governmth t.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2372

Date received 2-11-52

FEB 1 1952
Defense Minerals Administration
RECEIVED

Crown Mining & Milling Co.,
Scio, Ore.

Name and address of applicant

Date

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 _____

   If not in production or operation, estimated date when production will begin _____
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)
Lawrence Young Sec. Dev.	Pres. D.	none	none	685		none	
Ed Bilyeu Sec. Div.	V. Pres. D.	none	none	616			
Cyrus Peery " "	Sec. Treas. D	none	none	1350			
Oscar Ingram Lebanon Ore.	D.	none	none	20			
Fred Mersgrave "	D.	none	none	452			
Grace Peery, Sacramento, Cal.				11085			
Kyle P. Moore, Portland Ore				6566			
Lawrence S. Hargley Idaho				2358			
	Total		x x x x x	23130		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$200,000	$142,999.32	$1	142,999.32	none
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

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.

(*b*) If deposit is other than pla

(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.

20 Miles good County road to Rail road & Pavement.

14. Water Supply:

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

All year water supply from North Forkof Santiam River

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.

4 men single shift.

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.

Crown Mining & Milling Co. (Name of company)

By Cyrus Perry (Signature of authorized official)

January 23, 1952 (Date)

Sec. Treas (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

ASSAY REPORTS

assay office of U. S. at Seattle

For Carson Mining & Milling Co. Mar. 28, 1927

no				
48	No. 1	Gold - trace, silver .86 -	47 per ton - Copper	10.8%
49	No. 2	" " " trace	"	1.5%

assayer in charge.

assayed Oct. 20-21-1932

No. 3 = Grab sample New vein. Gold = 0.02 oz. per ton
silver 2.38 " " "
Copper 14.28 %
D. C. Whitcomb

assayed Mar. 20-1929

No. 3 sample of high grade ore from one-foot in flat wall vein at present about 35 ft. in from crosscut:
Gold 00 silver 2.20 oz. copper 16.5%
A. L. Ebner - Seattle

Private assay - 1950 - showed one sample to have 17% copper

From CrownMining &Milling Co.

L. Copper, gold, silver
Lead &Zinc, byproducts

2. L CROWN MINING & MILLING CO. HOLDing at present 6 claims
(a) 85 ft. of shaft.
(b) About 2000 ft. of tunnels & cross-cuts
(c) There are about 150 ft. of other tunnelsbesides the above mentioned tunnel. The shaft hasbeen abandoned because of water conditions.

3. (a). About 20 mi. fromLyons nearest railroad.
(b). Lester Mining District- T8-sec. 32; 33; &34 Range 4 E Marion County Oregon.

4. Mine is not in operation at present.

5. Has not produced commercially &do not know when it will.

6. Men who have worked in the past are well known knkng men and the present board of directors are familiar with mining.

7. (a) The company was organized in 1908 & has continued under the same business name since. R.E. Peery was discoverer and manager until his death in 1938. Dave Schrock succeded him.
Several small tunnels were dug for exploration,besides the main tunnelof about2000 feet, including drifts and laterals. The assays ran from a few dollars up to $90 per ton.
Practically all the work was done in ore-bearing rock.
Very lkttle tkmberkngi is necessary except for a serpentine dyke of about 60 ft which has now caved in.
The Mine was not producing in 1940and since the war we have not been able to get sufficient funds to complete our tunnel. The old tunnel cut the top of the veins so we sank a shafton one vein. The ore got better as we went down, but the water was so bad that a new tunnel was started in Dec. 1940 at a depth of 600 ft. lower down the mountain. This tunnel will be about 1000 ft. long to come under the floor of the old tunnel, but will cross 7veins of from 400 to 1000 ft. depth or 500 greater depth than the old tunnel. We had just faced this new tunnel when we shut down and have not started since, due to lack of finances. We believe the first vein of payingquantities will be reached at 450 ft. & this ore will pay for the rest of the work.
We have plenty of timber and water for all mine needs on our property.

(b) There are 7 other properties in this district. The Santiam Mine Co. No. L &no. 2 owned by J. Hewitt, Mehama Ore. , shipped ore but the mill would not handle this type of ore. A new millis to be erecyed some time this year on other property held by Mr. Hewitt , which could handle our ore as a custom mill.
There are the Silver King, below our mine owned by Mrs. Wm. Risley of Albany Ore. The amalgomatedMines which consist of 6 different companies with headquarters at about the center of about 100 claims. This is the group which are planning on installing the new mill and a sawmill this spring. They are the only active group in this section at present. They have approximately 200,000 tons of zinc blocked outfor their mill. There are several siallslaims between this mill site and our uine -about 9 miles good road.

No. 2 Progress Report

Crown Mining & Milling Co.

Nov. 18, 1935

Since my first progress report, Aug. 28 1934, the winze on tunnel has been extended to further depth, so that at present time, the bottom of the winze has reached a depth of somewhat over 60 feet below floor of tunnel.

At time of my recent visit to property, Nov. 16, 1935, the winze was filled with water, as the work of sinking had been temporarily suspended.

However, as the work progressed, Mr. R. E. Cleary (gen. mgr.) took frequent samples, indicating the grade & character of ore and material passed through; I also passed to assay for the fineness and accuracy of Mr. Cleary's sampling at all times.

Many of the samples were sent to me for inspection before being assayed.

While at the property recently, I examined all material removed from the winze during the progress of the sinking; this material now lying in the dump at the portal of tunnel; this material is made up of ore of all grades, vein filling & bridge matter; judging from the results of assaying as the work progressed, and from an examination of the dump, it can be said that practically all material removed from the winze was ore, carrying copper, gold & silver values, a considerable portion being ore of a commercial milling grade.

Samples from the bottom of winze still indicate some leaching and oxidation, although much of the ore is a rich beautiful chalcopyrite, of a primary nature, occurring in a lite colored altered acidic rock, which I believe (in absence of ~~[illegible]~~) to be included in the dacite-quartz-diorite series, its

GENERAL TECHNICAL DATA
from Crown Mining

igneous magma & being made up of mostly silica (up to 75%) with alumina following in percentage and lesser amounts of iron oxides, lime & magnesia.

Mr. Perry has original assay certificates which he is always pleased to show interested parties.

The work has been hampered (among other things) by the flow of water, all of which has been handled by baling with a bucket and hoisting to tunnel level; this is slow, laborious and costly; a pump is badly needed, as also an enlargement of large capacity.

The ore is ideal for concentration by water or oil, or a combination.

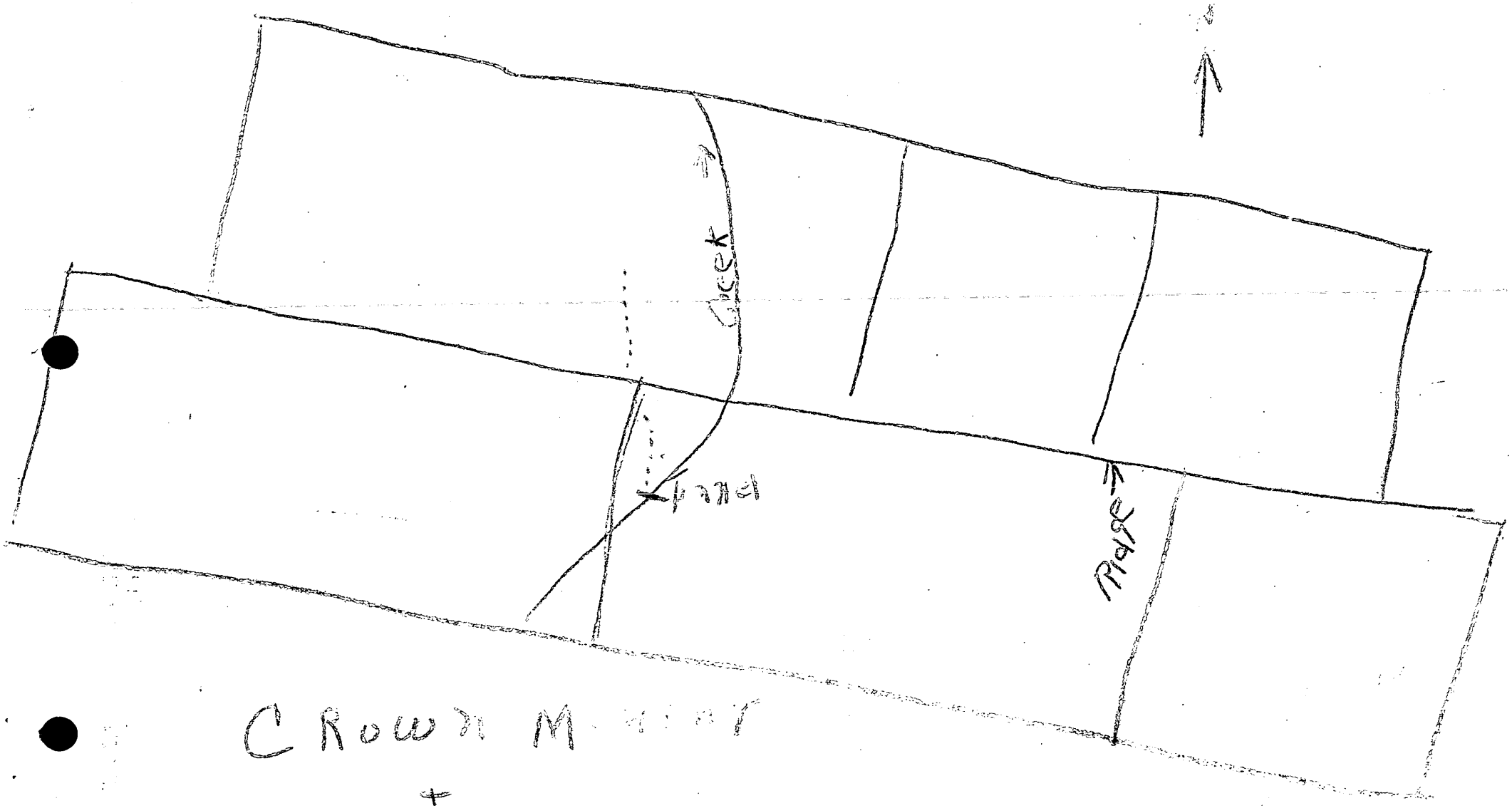
I am more than ever satisfied with the nature of the present alignment, and cannot urge you too strongly to push it to the objective planned.

I believe the results will amply compensate you for the effort and money expended.

Cleveland Haas

Mining & Consulting Engineer

Portland Ore.



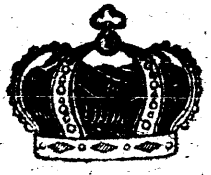
Crown Mining
+
Milling Co.
Sec. 0, Oc.

DMEA-2372
CROWN MINING + MILL
Co.

Crown Mining & Milling Co.

A Corporation Complying with the Laws of Oregon

Capital Stock 100,000 Shares
Par Value of Shares Each, $1



No. 558

Treasury Stock 40,000 Shares. All Paid in Full and Non Assessable

Principal and Transfer Office at Scio, Oregon

ninety feet and has been driven through some extremely hard rock most of the distance. Some chutes of ore containing low grade values in gold, silver and lead, have been encountered. In addition to this work, some further exploration work was carried on by open cut methods in the ravine 2,000 feet easterly from the number 1 tunnel with extremely gratifying results. A new ore chute, which seems of considerable importance, was discovered 250 feet south of cut number 5 ond about 100 feet north of the granite hanging wall.

The development work, which will now be taken up, is the construction of about two-thirds mile of wagon road to connect the portal of the main cross cut tunnel with the road leading to Gates on the C. & E. R. R. The necessary buildings will then be erected and the most modern machine drills, comprising one drill of standard size and one stoper, will be installed. Size of tunnel will be five by seven.

ASSAYS.

Specimen samples have been taken from various parts of the vein system and from several different ore chutes and deposits, and submitted to several assayers. Some of the results are here given.

Montana Assay Office, Portland, Oregon.

Sample from cut number 5, gold 60c, copper $1.20, total .....$ 2.40

Sample from cut number 5, gold $1.60, silver 42c, copper $3.18, total..... 5.20

Sample from cut number 5, gold $2.40, silver 70c, copper $5.10, total..... 8.20

Sample from cut number 4, gold $29.35, silver nil, copper nil, total 29.35

H. E. Burton, Leadville, Colorado.

Sample from cut No. 5, gold $3.20, sil-

the system, will be reached at the end of the first thousand feet.

As a further description of this vein and the attendant formation to be cut by this main tunnel, will be of interest to those who have not visited the property, we will state that this is apparently a true fissure vein, and is at a contact with a great dyke of Birds Eye Porphyry which constitutes the foot wall of the vein system. So far as shown by our work, this vein carries values in only gold and silver, and assay results have indicated values from $1.32 to $49.00. The pink colored quartz found in broken fragments throughout the gouge matter, generally gave results from $3.50 to $14.00. Continuing on the course of the proposed tunnel 250 feet, we would reach, what appears to be and undoubtedly is, a large deposit of ore carrying values in gold, silver, copper, lead and zinc but, in the main, low grade with exceptions of chutes of higher grade. Much of the ore is Galena, sphalerite, chalcopyrite and some boronite, and recent work has opened a chute of malacite and azurite. This particular ore and, in fact, most all of the copper bearing ore of this portion of the property, presents a leached out appearance which is due to its proximity to the surface, (as only open cuts have been made here) and, also, accounts principally for the low assay returns.

A tunnel would cut this deposit at a depth of 500 feet. Our work indicates that this deposit lies at an angle of thirty degrees from the main contact.

Continuing the tunnel for the remainder of the distance, about 450 feet to a contact of altered granite, which constitutes the hanging wall of the vein system, would be encoun-

tered at a vertical depth of 700 feet. A number of veins would be cross cut, at least one, of which gives promise of considerable size, although no exploration work, except some small cuts, has been done in this part. Samples taken from various points show the presence of copper as well as gold and silver and, owing to the contact of granite rock with the mineralized vein system, it is expected some extremely good ore bodies will be found. Throughout this entire vein system the vein matter is apparently heavily impregnated with lime, some of it appearing as calcite. There is also some carbonate of magnesia.

At a point over 2,000 feet westerly on the trend of this contract, is the present workings and tunnel on the east end of the Pure Quill claim, which could be reached by a drift from the main tunnel at a vertical depth of 400 feet.

Taking a general view of this property it can be readily seen that it is one of exceptional merit, for it is seldom that ore bodies of such extent are discovered where nature has done so much to permit of deep development by a relatively, short cross cut tunnel. Also there is every geological reason to expect increased values with the depth which will be attained here.

The expense of driving this tunnel cannot, of course, be accurately estimated. But from our past experience by hand work in such rock as will be encountered in the main, we estimate the cost, including installation of modern machine drills, at $12,000.00 for the first thousand feet.

METHODS OF TREATMENT OF THE ORE.

It has been the idea of this company in the past to first thoroughly develop the ore bodies to such a depth, that there will be no danger of their content or condition changing, before entertaining the thought of a mill, and this will be rigidly followed in the future.

When depth is attained on the ore bodies, as should be the case in the main tunnel and drifts made each way on the strike of the veins so that ore can be blocked out in large quantities, exhaustive tests can be made and and a method of treatment used, that will do away with the risk of certain failure that would result from a reduction plant, planned to meet the requirements of surface conditions. In this we act on the experience of those who, not only in this region but in many others, have in an early stage of development and on surface indications, built costly plants only to find, when any perceptible depth and development is attained, that the content of the ore is changed, and under the changed conditions the mill becomes almost if not entirely a complete loss. Hence we shall follow a plan of using all available funds in the opening of the mine to a point where ore can be measured up, mill tests made and the most scientific and economic treatment determined therefrom.

REPORT OF SUPERINTENDENT APRIL 1, 1915.

Work done on the property of the Crown Mines Company, in the past year, consisted of further driving of tunnel number one to cut the south wall of the ore deposit on the Pure Quill Claim, which yet lacks some eight feet of completion. This tunnel is now in some

COLPITTS' REPORT.

Subjoined are extracts from reports dated June 17th, 1911, furnished by F. H. Colpitts, mining engineer and United States mineral surveyor.

"The property is situated on two unnamed tributaries of the North Fork of the North Santiam River in sections 32 and 33, township 8, S. R. 4 East, of the Willamette Meridian, on what is known as Elk Horn Mountain about three-fifths of a mile from said river, in Marion County, Oregon.

"The property is located in the mineralized zone of the Cascade Range about ten miles from Gates, the latter being situated on the main line of the C. & E. R. R., owned and operated under the management of the Southern Pacific System.

"The veins forming the ore deposits and vein matrix of this property are mostly underlying the eruptive porphyritic capping and so far as determined, the strike or trend of same is approximately south seventy-five degrees east, apparently parallel to the axis of the chains of mountains of the vein system, with a dip into same of about seventy-nine degrees from the horizontal, excepting a great porphyry foot fall on the extreme northerly side of the property, having an apparent dip of 53 degrees near the surface, but in such cases, usually, straightens up as depth is attained.

"So far as present developments show, the vein system comprises parallel fissures, between which and along which seem to be found several displacement veins, angling from the main vein about 30 degrees, or nearly northwest and southeast and extend from fissure to fissure veins, or terminating in the

ber of shares owned by each signer of this agreement, and the number of the certificate thereof, being written opposite our signatures to this instrument.

Said stock to be held by said Corporation Commissioner of Oregon, in trust for us, for the period of five years from the date hereof, or until such time, as in the opinion of the Corporation Commissioner of the State of Oregon, the affairs of said Company will justify him in allowing the release of said stock from said pool and trust and a free transfer thereof; and we hereby mutually agree not to pledge, hypothecate, assign, transfer, sell or offer for sale, any of said stock during the life of this pool or trust; and said trustee is hereby requested and directed to safely keep such stock and not to pledge, hypothecate, assign, transfer, sell or offer for sale, any of such stock, until such time as this pool and trust is terminated by the order or direction of the Corporation Commissioner of the State of Oregon, or other termination of this pool and trust.

DIRECTORATE.

Charles Wesely, President and Director, has been a resident of Scio, Oregon, for 15 years, where he is engaged in a successful Hardware business. Mr. Wesely is well known among the business men of the State, as a successful and progressive business man, and has been at all times prominently identified with the upbuilding of his community.

R. E. Peery, Vice-President, Mine Superintendent and Director, is a member of a prominent pioneer family of Oregon. He has made a study of geology as applied to mining and is familiar with modern methods of mining and milling.

A. T. Powell is also a member of a prominent pioneer family of Oregon, and is a substantial and enterprising farmer.

The character, integrity and business ability of the officers of this company are above reproach and it is urged upon any who have the slightest doubt, to investigate to their own satisfaction.

OUR MINES.

The Crown Mines are located on the north side of Elk Horn Mountain, which has an elevation of 4850 feet. The vein system is located at an elevation of about three thousand feet and, apparently, the strike of the main fissures is parallel to the axis of the mountain enclosing them. These ore bodies were discovered by R. E. Peery while prospecting in this district in 1907, and one year later were located by him in partnership with the Wesely Bros., of Scio, Oregon. Exploration work has been carried on at intervals until this year, 1915. This work having shown such promising deposits of ore, the management has decided to push the development work to an early conclusion, that the property may be placed on a paying basis. To do this and open what we believe to be larger and richer ore bodies, so that a reserve of ore can be blocked out, which will entirely eliminate any risk in the erection of a mill, we will drive a main cross cut, to the entire system of veins at a vertical depth of from four hundred to seven hundred feet. The completed tunnel would be, approximately, seventeen hundred feet in length; but the foot wall contact and the large vein showing several feet of gouge matter and which seems to be one of the principal and most promising veins of

ver 80c, total ..... $ 4.00
Sample from cut No. 5, gold $1.20, silver 91c, copper $2.80, total 4.91
Sample from cut No. 1, gold $1.60, silver $31.50, copper nil, total 33.10

Wells & Company, Portland, Oregon.

Samples from tunnel No. 1, gold trace, silver $2.03, total ..... $ 2.03
Samples from surface near south wall, at tunnel, gold $1.65, silver 52c, total 2.17

F. H. Colpitts, Gates, Oregon.

Sample from cut No. 5, gold $13.02, silver $17.36, copper $3.12, total $33.77
Sample from cut No. 5, gold $5.57, silver $3.22, copper $5.04, total 13.83
Sample from cut No. 3, gold $14.47, silver $6.05, total 20.00
Sample from cut No. 4, gold $43.40, silver $5.60, total 49.00
Sample near south wall, Pure Quill Claim, gold $13.44, silver 82c, total $14.26
Sample near south wall, Pure Quill Claim, gold $9.30, silver $29.97, total 39.27

The undeveloped condition of these ore bodies which appear to be of very large size, especially cuts No. 3, 4, and 5, does not permit of systematic sampling, a fact which must be taken into consideration in endeavoring to estimate the average value of the ore. Some samples were taken from quartz veins, others from gouge seams several feet wide, but in all cases from shallow depths.

In some cases there has been a secondary movement, which has crushed the ore between the wall rocks and left it in a broken-up condition and it is in these gouge seams that some of the most valuable ore is found. Some of the carbonate ore near or on the surface, is badly leached out which will account for its low assay results.

"There is a condition in the mineral outcrops of formations, some features of which generally furnish a guide to the probable permanence of the vein in depth, and it was this characteristic which assisted as a basis for the most favorable consideration and cheerful recommendation by a former report, dated September 30th, 1909.

"No attempt can be made herein to give the available ore in sight, for you have seen by the foregoing report, that there has not been ore opened to such an extent as to give the engineer opportunity to do justice, to whom this report might be submitted. It might, however, be well to state that the openings, from which samples have been taken, indicate the presence of true fissure veins in which ore is to be found in chutes, the extent of which cannot be determined until a proposed cross cut tunnel has been driven to it and drifts each way therefrom, and you have only the results obtained from such low points upon which are all the requirements necessary for justification of the following proposed work. These openings show that ore 2,000 feet in length is between them and the depth from the proposed tunnel, would be from 400 to 700 feet, the values of which could then be very well approximately determined and where stoping can then be done in a very extensive way for years, before sinking to lower levels for the richer ores to come out through the same main tunnel, which would tap the first vein at about 1000 feet, then all the balance of same, about 700 feet more, making approximately 1700 feet, to tap the whole system of veins terminating at the last vein.

"As described in the foregoing report, the undeveloped condition of the vein, the accessibility of points from which systematic sam-

ways in the United States for the same period. The average yield to stock holders was 18 per cent, not including any profits due to increase in the selling price of the stock."

To make a success one must take into consideration all the elements entering into the mining business. The greatest of which are judgment, business experience and a thorough knowledge of the geology of the particular mining region.

The management of our company and property is vested in the hands of men who have both the business ability and experience, and a knowledge of the geology of this district. Every unit of this work is carefully considered and planned to meet the requirements of the years to come. In other words, we are taking advantage of the experience of those pioneers who have gone before us, in this district as well as others, that we may be able to eliminate costly and useless mistakes.

In the past the main expense of the corporation has been met by ourselves and this freely, and without obligation on the Company's part.

It has been our policy to keep the corporation free from debt. This will be unalterably followed in the future.

(Signed) CHAS. WESLEY
(Signed) R. E. PEERY
(Signed) A. T. POWELL

STOCK.

The private holdings of the incorporators of this company have been pooled with the corporation commissioner of Oregon, as the following copy of the pooling agreement will show. Hence no stock, but treasury stock, can be offered for sale and the incorporators have every inducement to get this property on a paying basis, as that is their only chance to secure returns on their investment.

Pooling Agreement.

(Copy.)

Whereas; the Crown Mining and Milling Company has made application to the corporation commissioner of the state of Oregon for a permit to operate as a "Domestic investment Company," under the provisions of Chapter 341 General Laws of 1913; and whereas, it is the opinion of said corporation commissioner that it would not be advisable to allow the privately owned capital stock of said company or any of its capital stock, other than treasury stock, to be offered for sale at the present time; and having offered to grant a permit on condition that all issued and all outstanding stock be pooled, and placed in trust where the same can not be sold, assigned, transferred or offered for sale, until such time as in the opinion of the corporation commissioner, the affairs of the said company will justify him releasing it from said pool and trust:

Now therefore, we, the undersigned stockholders of the said Crown Mining & Milling Company, hereby mutually agree to assign and transfer to the Corporation Commissioner of Oregon, all the shares of the capital stock of said company, now owned by us, the num-

intervening country rocks and deroded mountain slides.

"In some mineral regions of volcanic origin, time, by the action of air and water, having so disintegrated and eroded the formation and so worn away immense mountains that hundreds and, in some places, thousands of feet of the combined rocks, have been worn down and washed away and much of their mineral deposits carried into streams and lost, so far as quartz mining is concerned, excepting some portions of lower edges of mineral depositions, which may have been discovered and subsequently worked out. The period of occurrence of rock formation herein described, being of so much later system, that only the upper edges of the ore deposits are to be discovered in places under the capping of lateral volcanic eruptions and, consequently must naturally, be found in these fissures and vein systems, instead of in placer deposits in and along streams of water as the conditions just described in discussing the vein system, tend toward a justification of deep developments, the most important matter of driving a main tunnel will be taken up under the head of remarks and conclusions.

"There are no openings by which to determine the actual width of the veins, but some of the displacements show deposits of ores in various places, the ultimate products of which may, materially, assist furthering lower grade ores for concentrating, while the richer ores from the main fissure veins are opened by the lower tunnel levels.

"Some of the present workings show the occurrence of gouge several feet wide as in the great comstock lode, the strike of which is also parallel to the axis of the mountains containing the deposits.

and feel sure that the stockholders have and will continue to get a square deal.

I think the work has been done wisely and economically, with the sole idea of getting the best possible results with the funds that have been available.

The ore bodies appear to be very large, ample water for power is at hand, it is practically, on a good wagon road, and some ten or twelve miles from a railroad. All of which greatly lessens the usual expense of development, so that almost all of the money received can be used in opening the mine.

So far as I am able to judge, I think there is little doubt but when these ore bodies are opened up, this will prove one of the biggest things in the West.

Very respectfully,
M. M. PEERY.

DIVIDENDS SOME MINES HAVE PAID.

Taken from the Mining Press.

Crown Reserve, Canada	$7,480,000
Nipissing, Canada	12,240,000
Conigas, Canada	7,240,000
Daly West, Utah	6,282,000
Silver King Coalition, Utah	13,397,000
Utah Copper, Utah	26,649,000
Calumet & Hecla, Michigan	125,250,000
North Star Mine, California	4,186,589
Portland Gold Mining Company	9,817,080
Cripple Creek has produced in gold to the end of 1914	259,000,000

OPPORTUNITY.

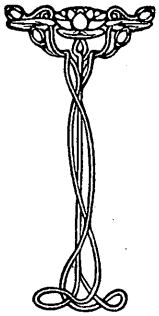
"Opportunity knocks once at every man's door,
And knocking, no one answering, knocks no more."

CROWN MINING & MILLING CO.

A Corporation Complying With the Laws of Oregon

Capital Stock 100,000 Shares
Par Value of Shares Each, $1

Treasury Stock 40,000 Shares
All Paid in Full and Non Assessable



OFFICERS

CHAS. WESELY, Pres. R. E. PEERY, Vice Pres.
J. F. WESELY, Secretary-Treasure

DIRECTORS

CHAS. WESELY R. E. PEERY A. T. POWELL

MINE SUPERINTENDENT, R. E. PEERY

Annual Meeting, November 16

Principal and Transfer Office, Scio, Oregon

Property of the Crown Mining & Milling Co. consists of the following mining claims: Pure Quill, Hazel No. 1, Hazel No. 2, Wonder No. 1, Wonder No. 2. Each are 1500 Feet in Length by 600 Feet in Width

FOREWORD.

In presenting this booklet to the general public, we do it with the expectation that it will lead to a closer interest, and investigation of our corporation, property and the North Santiam Mining District.

In this district, which is some ninety square miles in extent as now prospected, there are many excellent mineral prospects, which have possibilities of great magnitude. Large bodies of ore and quartz have been proven to exist, and one mine four miles north of our property which last year, 1914, installed a modern reduction and cyanide plant, reports a clean up after a run of twenty days of six thousand one hundred thirty-eight dollars.

We desire to say to those who may be interested with us in this work that we, as directors, are giving our very close attention that the most systematic and scientific development of our property may be carried on, with the best results at the minimum of cost.

We realize that many good mines fail due to mismanagement. A trip through any mining district of a few years existence, proves this fact only too true. It is sometimes said that it costs two dollars for every dollar taken out of the ground. This is not true, as the greatest profits of all come from mines. The Mining Press, reports under date of Feb. 15th, 1915: "Total dividends paid by one hundred and twenty mining companies in the United States during the year 1914, amounted to $96,-896,412. According to compilations made by one of the brokerage houses, this does not include some of the largest copper companies and, the same authority states, that if these companies were included, the total would exceed the dividend disbursements of all the rail-

pling can be performed, the undeveloped ore chutes to show the richer ores within the veins, the mixed condition of the veins and country rocks at the surface and the indicated character and width of the veins, so far as can be seen, shows that the ore bodies must be better defined as depth is attained.

A crushing and concentrating plant to be driven by water can be easily installed, and use water from the same source for concentrating purposes.

"In view of the facts presented, I will recommend the installation of a power dam in this river, a flume from same to a point to be determined by a survey from the proper head of water necessary for the development of sufficient power on the water wheel shaft, to produce electric lights for use in and outside the mines, to run the air compressor for the rock drills and to furnish air for clearing out the tunnel after shots, and sufficient power to be used when ready for the concentrating mill. From this power site will be a wire run up the slight grade to where the proposed tunnel will be commenced, at which point, will be the air compressor and rock machine drills. Then, a straight tunnel should be driven to tap all the ends mentioned above, from which drifts from the various veins can be driven and so prepare the ground for stoping ore in any desired quantity, for what the daily capacity of your mill may require."

Springfield, Oreg., Aug. 10, 1914.

To Whom It May Concern:

The undersigned is personally acquainted with the officers and management of the Crown Mining & Milling Co. and knows them to be honest, reliable and trustworthy.

I have been at the mine a number of times