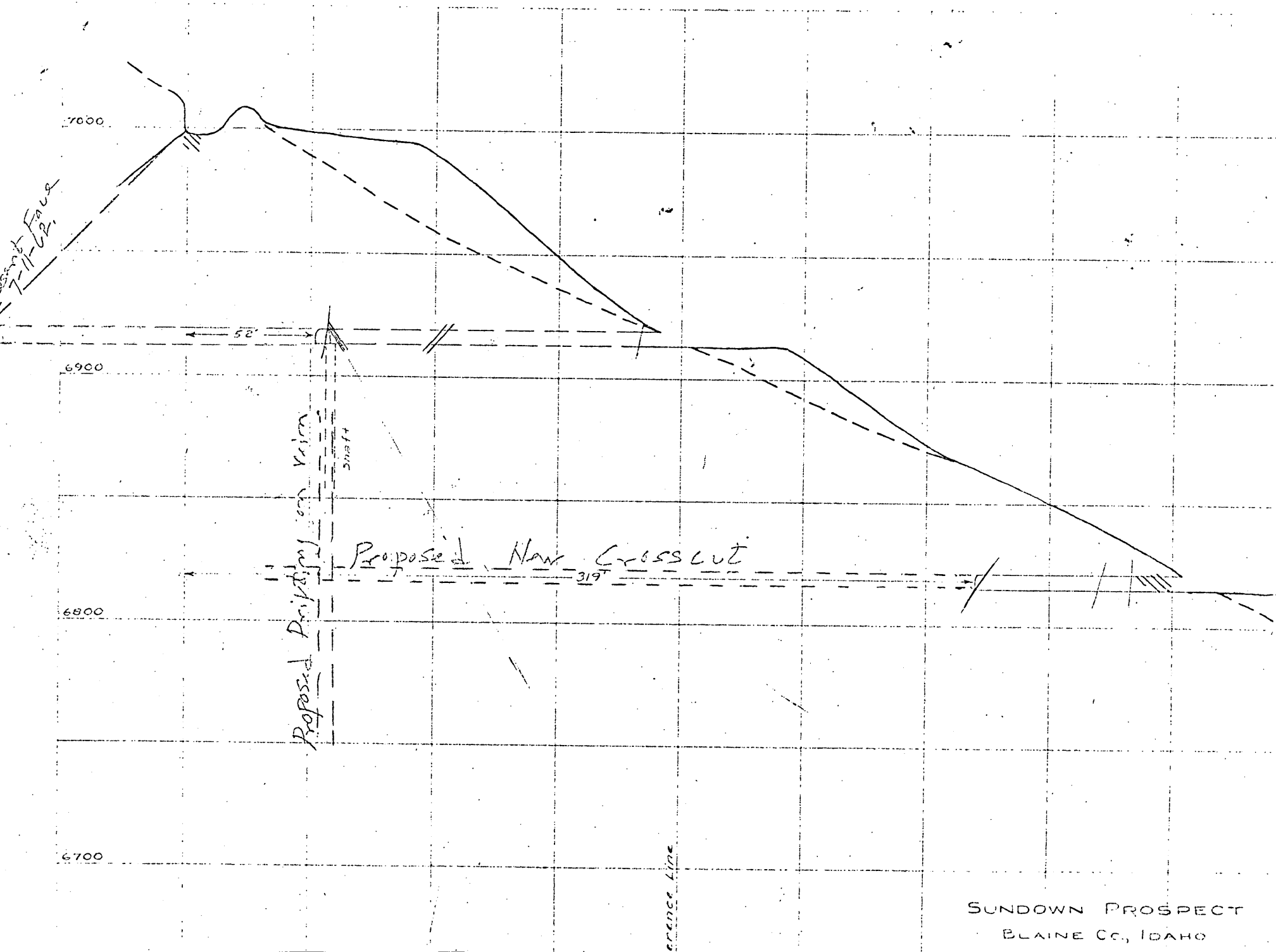
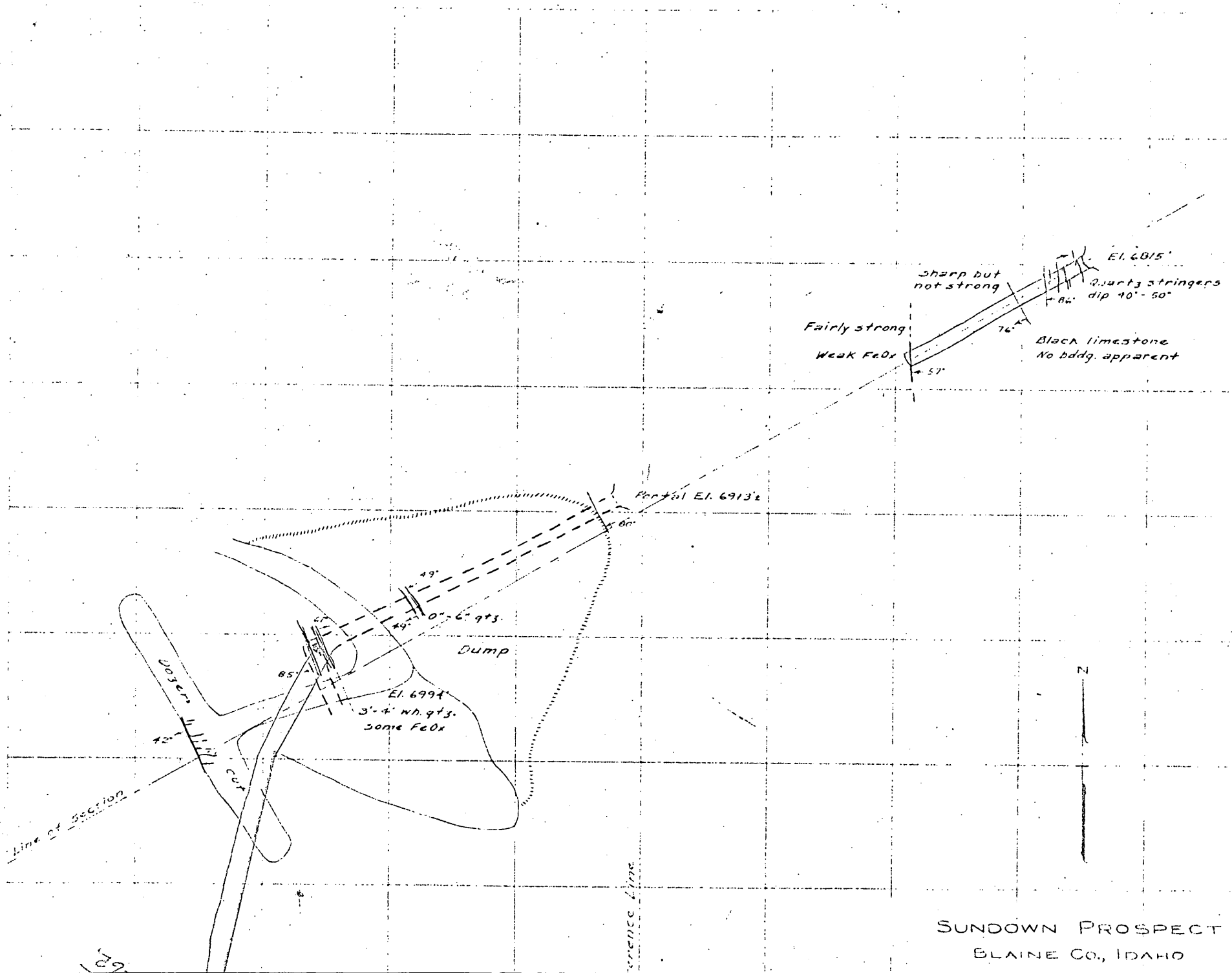


SUNDOWN PROSPECT
BLAINE CO., IDAHO


El. 6815'
Sharp but not strong
Quartz stringers dip 40° - 50°
86°
76°
Fairly strong
Weak FeOx
Black limestone
No bddg. apparent
57°
Portal El. 6913'±
80°
49°
49°
0" - 6" qtz.
Dump
85°
El. 6997'
3' - 4' wh. qtz.
some FeOx
Dozer Cut
42°
Line of Section
N
SUNDOWN PROSPECT
BLAINE CO., IDAHO

MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6778

Application
- [x] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

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

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam. Report (Tab) 7/15/69
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports

- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U.S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201
March 11, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
MAR 13 1969

INITIALS	CODE
WLE	~~120E~~
	~~120~~
	220

Memorandum

To: Assistant Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Transmittal of Application for Assistance (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

There appears to be little but unsupported statements as to the grade of any potential ore body resulting from the crosscut and drift proposed. Also, the statements in item 3(f) are somewhat confusing. The map and section show a vein dipping 61° northeasterly at the shaft collar and one dipping 42° southwesterly in the old surface pit; any intersection of these two structures would be near or above the pit, hardly suggestive of an intersection at depth. The section indicates a vertical shaft but no vein. This may be because the shaft was filled when the upper tunnel was extended. Applicant states the shaft was explored before it was filled.

With my letter of February 4, 1969, for reasons given therein, I returned the original application. I do not believe that the applicant can give us any more documented evidence attesting to the value of his proposal at this time. Also, until the shaft is cleaned out and made safe for entry, about all that an on-site examination could accomplish would be to take a sample or two from the vein in the pit and the one in the upper tunnel and possibly from other pits or outcrops not mentioned by the applicant.

There appear to be only two alternatives: Either advise the applicant that we will hold his application pending receipt of assays of samples from the veins in the pit and the upper tunnel, or do what we can with an on-site inspection. Probably, the latter course would be better for public relations.

D. R. MacLaren
D. R. MacLaren MLS

Enclosures

MME Form 40
Jan. 65

RECEIVED
JAN 28 1968
O. M. E.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

RECEIVED
MAR 10 1969
O. M. E.
SPOKANE, WASH.

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85–701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

Mr. Rod McKay--Box 461, Paul, Idaho 83347
Mr. Owen Stapleton--Box 324, Hailey, Idaho 83313

MAILING ADDRESS

Sundown Mine
% Owen Stapleton
Box 324
Hailey, Idaho 83313

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6778

DATE RECEIVED: 3/13/69

REGION: I

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	
CORPORATION	
PARTNERSHIP	X
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED: Idaho

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Silver

ESTIMATED COST OF PROJECT: $ $26,950.00

PROPERTY NAME	LOCATION COUNTY	LOCATION STATE
Sundown Mine	Blaine	Idaho

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington 25, D. C. or with the nearest OME Field Office.~~ Washington, D. C., 20242, or with the nearest OME Field Office.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

Jan. - 23 - 1969
DATED

Rod McKay
BY *(Signature)*

Partner
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

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

1. Financial Eligibility:

(a) Bank credit letters enclosed.
(b) None.
(c) Labor, Equipment, Supervision, and enough funds to carry the costs for the first 2 months.

2. Applicant's Rights in Land:

(a) Owners.
(b) Mine is located in Township 3-N, Range 17-E, Sections 1 and 2. Property consists of 9 unpatented claims recorded in Blaine County Court House, Hailey, Idaho.
Refer to drawing for locations of claims relative to each other and book and page in which each is recorded.
Present name--Sundown Mine.
Past name--unknown.
(c) All claims owned.

3. Physical Description:

(a) Maps of old workings included.
We ran a tunnel in approxamately 200 feet beyond the shaft to cut the vein that was found in the dozer cut--see sketched in drawings on inclosed maps;--but the vein is not strong enough to make shipable ore. We filled the shaft--see maps--when we ran this tunnel. We explored the shaft first and found the high grade ore much stronger as we went down. It was around 8 inches wide in the bottom of the shaft and the whole vein around 4 feet. The old workings showed ore was taken out on each side of the shaft as they went down. The high grade ore runs 67% lead and 395 oz. silver and a trace of copper but we do not have that assay sheet. There are other old workings to the north on the vein, some tunnels-most of which are caved in-but around 600 feet of the vein was prospected in the early days and ore was shipped but no records are available. These workings cannot be mapped at this time on account of snow. The lower tunnel--see maps--was the last place that the old miner worked and his nephew told us that his uncle told him that the air was toobad in the shaft and needed more depth so he started the lower tunnel but died before he could get it completed. There is an old ore freighted still living in Hailey who told me that the highest grade that he ever hauled came out of this mine. So we figure we need more depth.

!! why didn't they sample this bottom w/ shaft before filling it?

(b) Our interest, as owners, is that we feel there is a good mine there to develope.
(c) Ore was shipped in the early days but records are unavailable.
Ore was shipped from Dozer Cut--smelter return enclosed.
(d) Unknown.
(e) Refer to maps. Type of deposit is in veins.
(f) Our reasons for expecting to find ore in running the lower tunnel is that the vein that the shaft is on showed very strong at shaft floor The vein that the shaft is on is almost vertical and the vein that the Dozer Cut is on tips into the hill so we have an intersection in that area that could make a large body of ore if we get down to it. As far as ore samlping goes we know that the high grade streak runs 67% lead and 395 ozs. silver and the whole vein--as was shipped from Dozer Cut runs as per smelter returns--returns included.
Sketches are included on claim locations in relation to claim corners, and where work is proposed to be done. More extensive maping and surface sampling cannot be done on account of snow cover at this time.

No!

(g) We have only one copy of maps which do not have to be returned.

4. Accessibility of Property:

4. Accessibility of Property:

(a) Owen Stapleton--Hailey, Idaho.
6 miles Norty of Hailey and to end of road up left fork of Timber Gulch. Tunnels are open.

(b) Shipping and supply point--Hailey, 9 miles from property.

5. Exploration Work:

(a) Proposed work is to run lower tunnel--shown on maps--into the vein and enough beyond to be sure of walls and each way on vein until 550 feet of tunnel is run. Tunnel size--5 feet by 7 feet.

(b) We figure 50 hours of Dozer work to improve spots in old road, building approxametly 800 feet of dozer road to lower tunnel, and facing up new tunnel.

(c) Dozer work started as soon as approved. Tunnel work started within 30 days. Dozer work completed within 2 weeks. Tunnel at a rate of no less than 100 feet per month and completed within 5½ months or if weather ran us out--completed as soon as permitted next year. Would depend on when and if contract is executed.

6. Experience:

Applicants have 20 years mining experience and will supervise work.

7. Estimate of Costs:

(a) None.

(b) All costs will be based on Shift bases of 4 feet average dailey.

Supervision and Engineering per shift------	$40.00
2 Miners per shift ----------$40.00------	$80.00
Services available.	
(c) Powder----per shift-----	$15.00
Caps------ " " -----	$ 1.25
Fuse------ " " -----	$ 3.50
Rail------ " " -----	$ 4.20
Gasoline, Oil, Grease,---	$15.00
Air line----	$ 2.80
Track bolts, spikes, and flanges-----	$ 1.05
Track ties----	$ 1.00
Drill steel-----	$ 3.00
Shovels--4 @ $ 7.00----$28.00	
Picks----4 @ $ 6.00----$24.00	

(d) Le Roi--125 air compressor--furnished by applicant--value--$1800.00
Ingersall-Rand hammer------- " " " -- " --$1000.00

(e) Compressor and hammer are in good working order.

(f) None.

(g) Cost of repairs and maintenance in 7(d)--appra. $400.00
Accounting, Insurance, taxes, etc.--furnished by applicant--
Appro. cost $500.00.
50 hours of Dozer work @ $20.00--$1000.00.

First Security Bank of Idaho
NATIONAL ASSOCIATION

HAILEY OFFICE

HAILEY, IDAHO

January 17, 1969

Mr. Rod McKay
Mr. Owen Stapelton
Paul, Idaho

Gentlemen:

In reference to your application for a Development Loan for the Sundown Mine, we are not at the present time making this type of loan.

Sincerely,

O. J. Cline
Manager

OJC:bb

Paul, Idaho
January 2, 1969

Idaho Bank and Trust Co.
Paul, Idaho.
Attn. O. H. Steinbrink, Pres.

Dear Mr. Steinbrink:

Mr. Owen Stapleton and myself are trying to raise funds to develop our Sundown Mine property located in the Wood River Mining district in Blaine county.

We estimate we will need $23,000 to do this work, and we would like to know if you would be interested in this type of loan.

We would like your attention on this matter. Please advise.

Sincerely,

Rod McKay

Rod McKay
Paul, Idaho.

SERVING SOUTHEASTERN IDAHO

BLACKFOOT POCATELLO PAUL BURLEY

IDAHO BANK AND TRUST CO.

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION

PAUL, IDAHO

January 10, 1969

Rod McKay & Owen Stapelton
Paul, Idaho

Dear Mr. McKay & Owen Stapelton;

I am sorry to advise you that we will not be able to advance funds for development of the Sundown Mine in the Wood River Mining district in Blaine county.

Very truly yours;

O. H. Steinbrink

OHS/jdo

O. H. Steinbrink

Paul, Idaho
January 9, 1969

First Security Bank of Idaho
Hailey, Idaho.
Attn. O. J. Cline, Mgr.

Dear Mr. Cline:

Mr. Owen Stapleton and I are trying to develop our Sundown Mine properties in the Wood River Mining district and we figure it will take $23,000 to do this work.

Would you be interested in loaning us this money?

We would like to hear from you on this matter.

Sincerely,

Rod McKay

Rod McKay
Paul, Idaho.

EXTRA COPY

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

1436-D

Salt Lake City, Utah, September 21, 1953

Purchased From Carl Anderson, Owen Stapleton & Grover F. Crocker

Pay Grover F. Crocker, Kellogg, Idaho

Ft Kellogg, Idaho

Ore Crude (Various Mine) Lot No. 1 Gold License No.

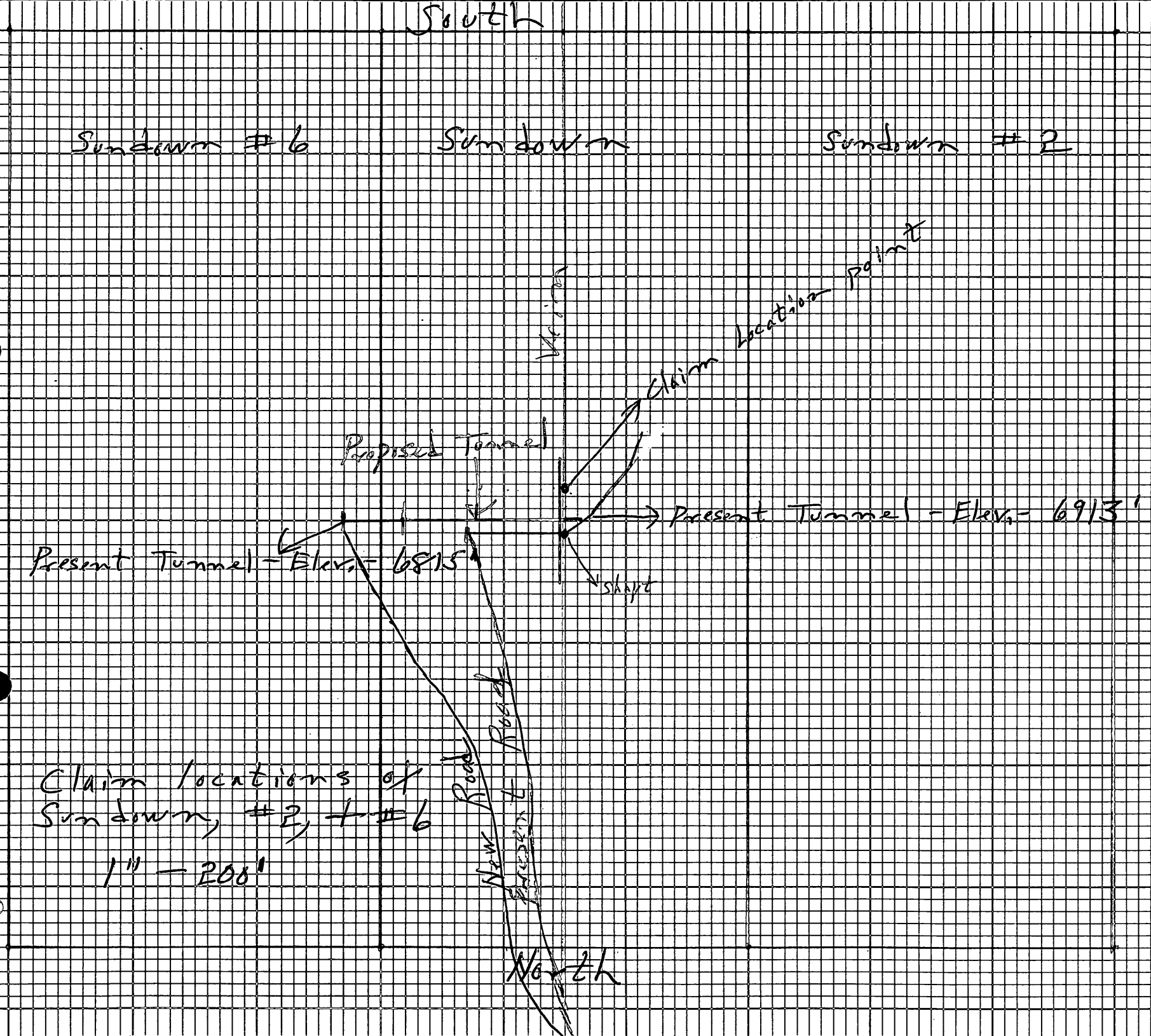
Sampled by Lowlo Received 9-14-53 Sampled 9-16-53 Assayed 9-17-53

Metal Quotations—Gold 34.9125 Silver 95.0 Copper, N. Y. Lead, N. Y. 14.00 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	PER CENT COPPER WET	PER CENT LEAD	PER CENT INSOLUBLE	PER CENT IRON	PER CENT ZINC	PER CENT SULPHUR	PER CENT LIME	PER CENT [illegible]
U. S. S. R. & M. Co.				61.40						.4
Umpire										.0
~~Non-Sulphide~~ Lead				1.50						.3
Settlement Assay	.02	101.00	.42	59.90	8.90	2.0	2.60	3.40	1.90	

CAR NOS.	WET WEIGHT	METAL VALUE			WORKING CHARGE		
Truck 1 lot		Gold 100% @ 34.9125		64	Treatment Base 30% Lead		
		Silver 95% @ 90.0	86	87	Credit Acc't Over 30% Pb.		
		Copper			Debit Acc't Under 30% Pb.		
		Lead	126	15	Insoluble		
		Zinc			Zinc Charge, excess over 6%		
					Sulphur Charge, excess over 2%		
					Arsenic Charge, excess over 2%		
Total Wet Weight							
Sacks					Total Debit		
Net Weight 25500		Gross Value	213	66	Iron Credit		
Less H_2O 1.0 % 250		Less Working Charge	5	50	Net Working Charge		

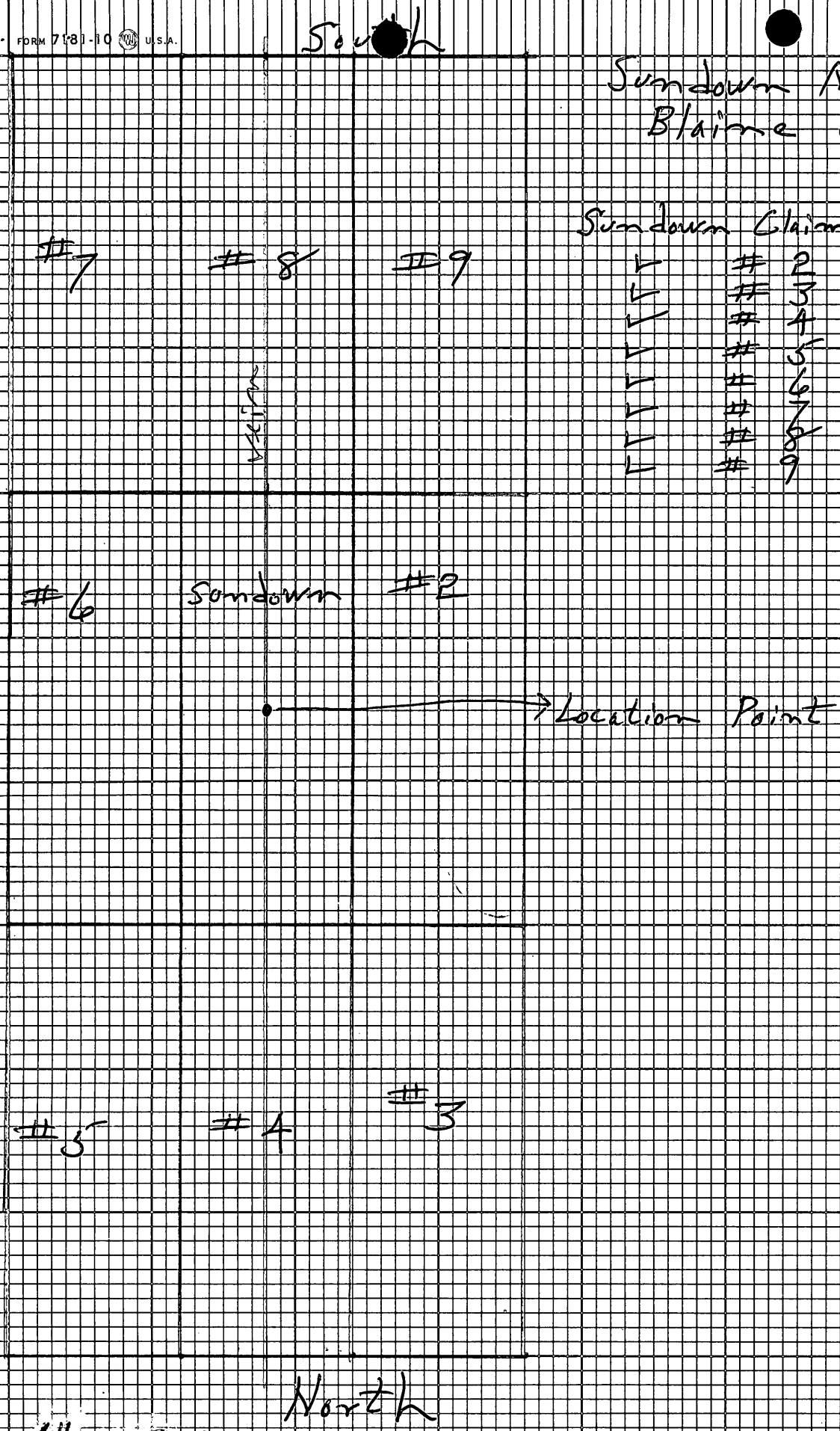
Dry Weight, lbs. 24750	Payment for 12.375	tons @	208	16	per ton	2576.06
Freight advanced @	per ton					
Assay Charges						
Sampling or Watching Charges						
Hauling Charges 10.00 per ton Grover F. Crocker, Kellogg, Idaho						125 10
Carl Tax						3 75
1/3 of 2249.21 (SH) Carl Anderson, Kellogg, Idaho						16 45
1/3 of 2249.21 (SH) Owen Stapleton, Kellogg, Idaho						816 41
						1761 65
Amount Withheld Pending Receipt of Silver Affidavit						
Net Payment						816 41



Claim locations of
Sundown, #2, + #6
1" — 200'

FORM 7581-10 U.S.A.

FORM 71-8-10 U.S.A.



Sundown Mining Claims
Blaine County, Idaho

		Book	Page
Sundown Claim		156	544
✓	# 2	158	108-109
✓	# 3	158	110
✓	# 4	158	111
✓	# 5	158	112
✓	# 6	158	113
✓	# 7	158	114
✓	# 8	158	115
✓	# 9	158	116

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/23/69	Emerick	120
		120
		220

AIRMAIL

SEP 23 1969

Sundown Mine
c/o Owen Stapleton
Box 324
Hailey, Idaho 83313

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Gentlemen:

This is in reply to your letter dated September 15, 1969 inquiring about the possibility of re-applying for financial assistance on the subject property to core drill rather than drive tunnel.

A review of the above application, which was denied without prejudice in July 1969, indicates that unless you have additional geological information not shown, it does not appear promising that favorable consideration would be given a re-application for financial assistance to core drill.

We wish to thank you, however, for your inquiry and interest in the minerals exploration program.

Sincerely yours,

Wilmaine L. Emerick (glc)

W. L. Emerick
For: Harold Kirkemo, Chief
Office of Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Region I w/incoming ltr. dtd 9/15/69
Mr. Emerick

WLEmerick/bsl 9/23/69

September 15, 1969

U. S. Department of the Interior
Office of Minerals Exploration
Washington, D. C. 20242

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho.

Gentlemen:

We are wondering if it would be possible to re-apply for financial assistance on this property to core drill rather than run tunnel. We feel it would be considerable cheaper and if findings prove that there is a strong enough showing we could then run the lower tunnel.

We had in mind a Phase 1 and Phase 2--Phase 1 to drill 3 horizontal holes, of BX size, in the lower tunnel to intersect the vein. Drill holes as follows:

One Hole straight ahead

Second hole to intersect vein around 80 feet from center to North.

Third hole to intersect vein around 80 feet from center to South.

Phase 2--If the drilling proved a worth while vein to then run the lower tunnel to further explore the vein.

We would appricate your advice.

Sincerely yours,

Rod McKay

OFFICIAL
COPY
O. M. E.
RECEIVED
SEP 18 1969

INITIALS	CODE
	130
Ash	120 M
	120
WE	120

Recommend - have not shown sufficient evidence they might put in one hole on own

Evidence on surface that values & under, do not go to depth.

Puffett

9/22

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/18/69	Emerick	120
7/22/69	Kirkemo	120
7/23	Peterson	
7/23	Kenyon	
		220
		120M

AIRMAIL

JUL 25 1969

Sundown Mine
c/o Owen Stapleton
Box 324
Hailey, Idaho 83313

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Gentlemen:

A careful review of your application for financial assistance to explore the subject property and other information available to us indicates that the probability of disclosing significant reserves of silver on your property is not sufficiently promising to justify Government participation in the proposed exploration. Accordingly, we regret to inform you that your application for assistance is denied without prejudice.

We wish to thank you for your interest in the minerals exploration program and for bringing your property to our attention.

Sincerely yours,

Harold Kirkemo (bel)
Harold Kirkemo, Chief
Office of Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Region I
Mr. Emerick
130

WLEmerick/bsl 7/18/69

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/22/69	Emerick	120
7/22/69	Kirkham	120
		220

July 22, 1969

MEMORANDUM

To: The File

From: William L. Emerick
Office of Minerals Exploration

Subject: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Justification for Denial of Application

The rocks in and near the Sundown Mine are fine- to medium-grained quartzites cut by several northwest-striking shear zones. Sparse mineralization, principally galena, occurs as narrow stringers less than a quarter of an inch thick in the shear zones.

The Applicant proposed to explore for the downdip extension of a mineralized shear zone in an underground shaft by extending a lower adit to it. Although it was stated that the shaft walls contained high grade ore, the Applicant filled the shaft with broken rock, thus preventing access to and obscuring any view of the alleged ore.

The Field Officer, Region I, did not observe any significant amounts of ore minerals in his examination of the shear zones underground in the drifts and crosscuts or exposed on the surface in open cuts. He sees little justification for further exploration of the mineralized shear zone upon which the shaft was sunk. There is no indication that the shear zone will contain ore shoots at the depth the Applicant plans to explore. Assay data of samples from the shear zones indicate only trace amounts of precious metals.

The Field Officer recommends denial of the application because the probability of discovering significant ore reserves is too remote to justify Government participation.

Based upon a review of the application, in conjunction with the Field Officer's Examination Report, I concur that the application be denied.

William L. Emerick

William L. Emerick

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Mr. Emerick
WLEmerick/bsl 7/22/69

One

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY
U.S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201
July 15, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 17 1969
INITIALS | CODE
gla | 130
bal | 120
HK | 120
WE | 120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, OME, Region I

Subject: Application Examination Report
OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

On-Site Exam Report

INTRODUCTION

Messrs. Rod McKay and Owen Stapleton have applied for assistance to explore for silver ore at the Sundown mine by extending a crosscut to intersect the downdip extension of a shear zone that contained rich lead-silver ore at the surface.

I examined the Sundown mine on Sunday, June 22, 1969, with Mr. E. C. Peterson. Both Messrs. McKay and Stapleton were at the property along with Mr. McKay's son and another man who is a miner. About 3 hours were spent on the examination during which the underground workings were examined; four samples were collected for assay, and an open-cut was inspected.

RECOMMENDATION

It is recommended that the application be denied. Sparse amounts of galena can be found in and near northwest-trending shear zones in quartzite. Reportedly, a small amount of high-grade ore had been mined from an open-cut. Drifts and crosscuts expose many of the narrow shear zones underground; none of these contain promising amounts of ore minerals. Assay data indicate only trace amounts of precious metals. There is no indication that there will be ore shoots in the shear zones at the depth to which the applicants plan to explore.

APPLICANT

The applicant is a partnership of the following two individuals:

Mr. Rod McKay, Box 461, Paul, Idaho 83347

Mr. Owen Stapleton, Box 324, Hailey, Idaho 83313

The mailing address of the partnership is Sundown mine in care of Mr. Stapleton, Hailey, Idaho.

PROPERTY

The property consists of nine unpatented claims that are recorded in the Blaine County courthouse, Hailey, Idaho, as follows:

Claim name	Book	Page
Sundown Claim	156	544
No. 2	158	108-109
No. 3	158	110
No. 4	158	111
No. 5	158	112
No. 6	158	113
No. 7	158	114
No. 8	158	115
No. 9	158	116

These are in the SW$\frac{1}{4}$ sec. 1 and SE$\frac{1}{4}$ sec. 2, T. 3 N., R. 17 E. B.M., Blaine County, Idaho. All of the underground workings are on the Sundown claim.

ACCESSIBILITY

The mine is on the east-facing slope of a topographic bench near the headwaters of a small unnamed stream north of Greenhorn Creek. The approximate altitudes of the adits are shown on figure 1 and range between 6,800 and 7,000 feet. A trail road, traversible by 4-wheel drive vehicles, leads to the property and branches west from U.S. Highway 93 about 6 miles north of Hailey, Idaho. The

trail road terminates on the bench that is a few hundred feet to the northwest of the mine. A bulldozed road leads to the upper adit. New roads would have to be bulldozed to the lower adit if work were to be done there.

GEOLOGY

The exposed rocks in and near the Sundown mine are medium-gray and brownish-gray fine- to medium-grained quartzite. According to Umpleby and others (1930, pl. 1), these rocks are in the upper part of the Wood River Formation of Devonian or Carboniferous age. The bedding is difficult to determine. Much of the rock is strongly jointed with joint surfaces 1-3 inches apart; these surfaces might be confused with bedding surfaces. Several shear zones, consisting of 5-30 inches of gouge in which are quartz and quartz-calcite stringers, strike northwesterly and dip 45°-70° SW. Some of the more conspicuous of these zones are shown on figure 1. The shear zones might represent bedding plane faults, but this is not definite. Paper thin calcite coats many of the fracture surfaces.

The only ore mineral recognized is galena. This is in narrow stringers less than a quarter of an inch thick in the footwall and at right angles to the shear zone exposed in the open-cut. Two or three galena crystals were seen in the shear zone near the face of the lower adit. Some oxidized lead minerals might be in the shear zone in the open-cut, but the assay of a sample of this rock indicated only sparse lead and silver (fig. 1). No galena was seen in the shear zones in the upper adit.

The applicants report that some high-grade ore had been shipped from the property. They submitted a copy of a smelter settlement sheet from the U. S. Smelting and Refining and Mining Company on ore shipped by Messrs. Carl Anderson, Owen Stapleton, and Grover F. Crocker. The settlement sheet was for 12.4 tons of crude ore that assayed 101.60 ounces silver per ton and 61.40 percent lead. Presumably, this ore came from the Sundown mine and was mined from the open-cut (fig. 1).

There are no other active or inactive mines in the near vicinity of the Sundown claims.

DEVELOPMENT

The underground workings at the mine are shown in figure 1, which is a modification of a map submitted by the applicants. There are other shallow workings on the property, but these were not accessible for inspection.

That part of the upper adit between the portal and the underground shaft was made several years ago. The applicants extended the adit west to intersect the downdip extension of the mineralized shear zone in the open-cut. They contracted some of this work. As can be seen on the map (fig. 1), the bearing of this extension shifted gradually to the southwest and south. When Mr. McKay was asked about this he said they had turned the heading to more closely parallel the mineralized shear zone.

The underground shaft, reportedly 66 feet deep, was filled with broken rock excavated from the west extension of the adit. The shaft was sunk on the two parallel shear zones that are at the shaft collar and along which the drift to the south was driven.

The lower adit is a crosscut that was started in an effort to intersect the downdip extension of the ore in the shaft.

The ground stands well in the crosscuts, and no timbering has been necessary in the accessible workings. Surface material has obscured the portal of the lower adit. Some rock has sloughed from the shear zones in the drift south from the underground shaft in the upper adit.

APPLICANTS' PROPOSAL

The applicants propose to explore for the downdip extension of ore in the underground shaft by extending the lower adit about 319 feet to the west or southwest. After intersecting the vein, they will drift on it until a total of 550 feet of crosscut and drift is completed. An estimated 50 hours of bulldozer work will be necessary to improve the trail road and to build about 800 linear feet of new road to the portal of the lower adit. They estimate the project will cost $26,950.00, of which the Government's share will be 75 percent or $20,212.50.

APPRAISAL OF APPLICANTS' PROPOSAL

There is little justification for further exploration of the mineralized shear zone upon which the shaft was sunk. Although the applicants state that there was high-grade ore in the walls of the shaft, they were not hesitant in filling the shaft with broken rock, thus obscuring the ore from view. The drift on the shear zone south from the shaft in the upper adit failed to disclose ore. The ore that was in the shear zone in the open-cut does not persist to the depth of the upper adit. It is possible, of course, that there might be some blind ore shoots in the shear zones, but the probability is low. There are several strong and persistent-appearing shear zones cutting the quartzite, and some lead-silver has been found in them. If more were known concerning the source of the ore or the pitch of ore shoots within the shear zones, then exploration might be planned to more systematically search for new ore shoots. Until this information is available, there is no reason for the Government to participate in further exploration of the property.

Willard P Puffett

Willard P. Puffett

Enclosure
Distribution:

OME ✓	Docket
USGS(SRO)	Puffett

Reference cited

Umpleby, J. B., Westgate, L. G., and Ross, C. P., 1930, Geology and ore deposits of the Wood River region, Idaho: U. S. Geol. Survey Bull. 814, 250 p.

One

WMK

United States Department of the Interior
Geological Survey
U. S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201

June 9, 1969

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Mr. Willard P. Puffett
Geologist, OME, Region I

Dear Sir:

The road to the mine is now open and the snow is gone so I guess it is ready for your inspection.

I wish you would let me know when you are going to be here as I have the 4-wheel drive vehicle and I will meet you.

Sincerely,

Rod McKay
Box 461
Paul, Idaho
83347

OFFICIAL COPY
O. M. E.
RECEIVED
JUN 12 1969
INITIALS | CODE
120
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120

Re: Telephone call to Stapleton's daughter in Haily, Idaho (6/9/69) set up examination for Sunday, June 22. Stapleton to contact me at Hiawatha Hotel in Haily.

WPP.

RECEIVED
JUN 10 1969
O. M. E.
SPOKANE, WASH.

MME FORM 6
REV. 2-

REFERENCE SLIP

OFFICE OF MINERALS EXPLORATION

	DATE	INITIALS
TO: Chief, OME	5/13/69	
1.		
Re: OME-6778 (Silver) Rod McKay and Owen Stapleton		
2. Sundown Mine		
3. Blaine County, Idaho		
4.		
5. Willard P. Puffett		
FROM: Geologist, OME, Reg.		

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 15 1969

INITIALS	CODE
	430
	430
	430
	File

FOR: Check items for action desired

____ Action ____ Reply for signature of
____ Approval ____ Investigate
____ Comment ____ Recommendations
____ Conference ____ Rewrite
____ Instructions X Your information

REMARKS: The attached copy of the applicant's letter of 5/12 is in reply to our letter of 5/7.

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

M56300-62

WPP

United States Department of the Interior
Geological Survey
U. S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201

May 12, 1969

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Mr. Willard P. Puffett
Geologist, OME, Region I

Dear Sir:
In answer to your letter of May 7, 1969, in regard to notification when the snow cover would be gone so that surface exposures would be visibale--we will notify you as soon as the snow is gone. The area had an obove average of snow this past winter and it will be a little later than usual. Mr. Stapleton advises me he thinks it will be around the 15, of June. Anyway will will let you know.
Contact Mr. Stapleton and he will let me know when you will be there and I will be there also. I have a 4-wheel drive vehicle which will be availible so you can use your own judgment on that matter.
Thank you for your letter and we will notify you as soon as conditions are in our favor.

Sincerely,

Rod McKay

RECEIVED
MAY 1 9 1969
O. M. E.
SPOKANE, WASH.

U.S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201
May 7, 1969

OFFICIAL COPY
O. M. E.
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MAY 14 1969

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bal	120
HK	120
WE	120

AIR MAIL

Sundown Mine
c/o Owen Stapleton
Box 324
Hailey, Idaho 83313

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Gentlemen:

Your application for assistance in exploring the Sundown mine has been referred to this office. It will be necessary for us to make an on-site inspection of your property. Please notify us when all the surface exposures are free from snow and accessible for inspection. We will schedule an examination of your property shortly thereafter. Let us know whom to contact for the examination and whether it will be necessary to bring a 4-wheel drive vehicle to reach the mine.

Sincerely,

Willard F. Puffett
Geologist, OME, Region I

WFPuffett:mls
cc: OME

Director's Reading File

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
5/5/69	Emerick	120
		120
		220
		120M

MAY 5 1969

AIRMAIL

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

The subject application is referred to you for further study, a field examination if warranted, and recommendations.

We requested additional sampling across the vein in the dozer pit and across the vein at the shaft in the upper tunnel but Applicant states that access to the mine is impossible at least for another month. Dozer work will be done with Applicant's own machine. The plan and section of the Sundown mine are returned as you requested if the application is referred to the field.

Harold Kirkemo (gla)

Harold Kirkemo

Enclosures

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Mr. Emerick
130

WLEmerick/bsl 5/5/69

MME Form 7
(2/63)

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Date	Surname	Code
5/2/69	Emerick	120
		120
		220
		120M

MAY 5 1969

AIRMAIL

Sundown Mine
c/o Owen Stapleton
Box 324
Hailey, Idaho 83313

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Gentlemen:

The application for assistance in exploring the subject property has been reviewed by the Washington office and referred to Mr. D. R. MacLaren, Field Officer, Region I, U. S. Geological Survey, Office of Minerals Exploration, Room 656, West 920 Riverside Avenue, Spokane, Washington 92201.

Mr. MacLaren will notify you if he requires additional information concerning the application and possibly to make arrangements for an on-site examination of the property.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo, Chief
Office of Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region I
Mr. Emerick
130

WLEmerick/bsl 5/5/69

April 19, 1969.

U. S. Department of the Interior
Office of Minerals Exploration
Washington, D. C. 20242

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho.

Gentlemen:

In regard to your letter of March 25, 1969, as far as sampling in the dozer cut is concerned the smelter return sheet which you have should be a fair sample as the vein was shipped as it was and it is about 3 feet wide. The vein in the shaft cannot be sampled as we filled the shaft. The reason we filled the shaft was that it was in the floor of the upper tunnel on the vein and we either had to bridge it or fill it and in as much as we explored the shaft before filling and that the last place on that level that the Old Miner worked and he saw fit to quit the shaft and start the lower tunnel--we did not see any point in leaving the shaft open.

In regard to the bulldozer work--I, Rod McKay, own a D-8 Cat and I figured to do this work at the quoted figure of $20.00 per Hour.

I would sample the dozer cut but I cannot get to the property for at least 30 days on account of the snow which is more than double the average this year.

I hope this information will be satisfactorly. If not please advise.

Sincerely yours,

Rod McKay

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O. M. E.
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APR 23 1969

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MME Form 7
(2/63)

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3/25/69	Emerick	120
		120
3/25	coc	120M
		220

Sundown Mine
c/o Owen Stapleton
Box 324
Hailey, Idaho 83313

MAR 2 5 1969

Re: OME-6778 (Silver)
Rod McKay and Owen Stapleton
Sundown Mine
Blaine County, Idaho

Gentlemen:

A preliminary review of your application for exploration assistance indicates that before continuing with its processing the results of assays of recent sampling, particularly across the veins in the dozer pit and across the vein at the shaft in the upper tunnel, will be required. The location and width of each sample taken should be shown on a map or sketch.

In addition, if the bulldozer work you describe in the application is to be contracted, the estimated costs must be supported by bids from three contractors.

Therefore, pending receipt of the above additional information, we will continue to hold your application in our active file. This request for additional information should not be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

Harold Kirkemo (glr)
Harold Kirkemo
Acting Chief
Office of Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region I
~~XXXXXXXXXX~~
Mr. Emerick

WLEmerick/bsl 3/25/69

March 20, 1969

Sundown Mine
c/o Owen Stapleton
Box 324
Hailey, Idaho 83313

Subject: OME-6778

Gentlemen:

Your application for exploration assistance, dated January 23, 1969, submitted to our office at Spokane, Washington, has been assigned Docket No. OME-6778.

Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Acting Chief
Office of Minerals Exploration

Copy to R-I

OME

OFFICIAL
COPY
O. M. E.
RECEIVED
FEB 6 1969
INITIALS | CODE
TEJ | 110
HKO | 150
220

U.S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201
February 4, 1969

Sundown Mine
c/o Owen Stapleton
P. O. Box 324
Hailey, Idaho 83313

Gentlemen:

We regret the necessity of returning herewith your application for OME aid in exploration for additional information.

1. Your attention is directed to the General Instructions where you will note italics underlined in red. Only one copy of all accompanying papers and maps were received.

2. Under item 1(c) you state that you propose to furnish your share of the costs by labor, equipment, and supervision. It has been our experience that the Government's share of these costs is not sufficient to cover completely the total cost. At the end of the first month's work and each month thereafter, the operator submits a monthly voucher. As it requires from 2 to 3 weeks to process a voucher, the operator should have sufficient funds to carry the costs for the first 2 months after which he should receive reimbursement for the Government's share of the costs regularly.

3. Under item 2(b) you should submit a claim map showing the locations of the various claims relative to each other. You should also list the claims giving the book and page on which each is recorded.

4. Under item 3(f) on your claim map or on a second map if the claim map is too small, you should indicate the approximate locations of the tunnel portals with respect to a claim corner and show the locations, widths, and assay values of any surface samples you may have taken. On your level map the approximate locations, widths, and assay values of any underground samples should be shown. This information is necessary to partially justify your statement that your "findings are that we need depth." You should include any other data such as rock alteration, for example, that tends to justify further your findings.

5. Under item 7 submit a breakdown of costs by items as required under subitems (b), (c), (d), and (g). For example, how many miners, helpers, etc., per shift at what rates; list operating supplies such as powder, fuse, rail, air line, water line, vent line, rail, fuel, etc., giving quantity and cost for each; list operating equipment such as compressor, trammer, drills, etc., giving the present fair market value or book value, whichever is less for each item, and state whether the item is owned or to be rented; if rented, give rental rate and cost price. The Government will allow 1/60 of the value per month while in use for each owned piece of equipment. Allowance will also be made for rented equipment if the rental times months of use is less than the cost. Only after making such a breakdown can a cost per foot be properly estimated.

Sincerely,

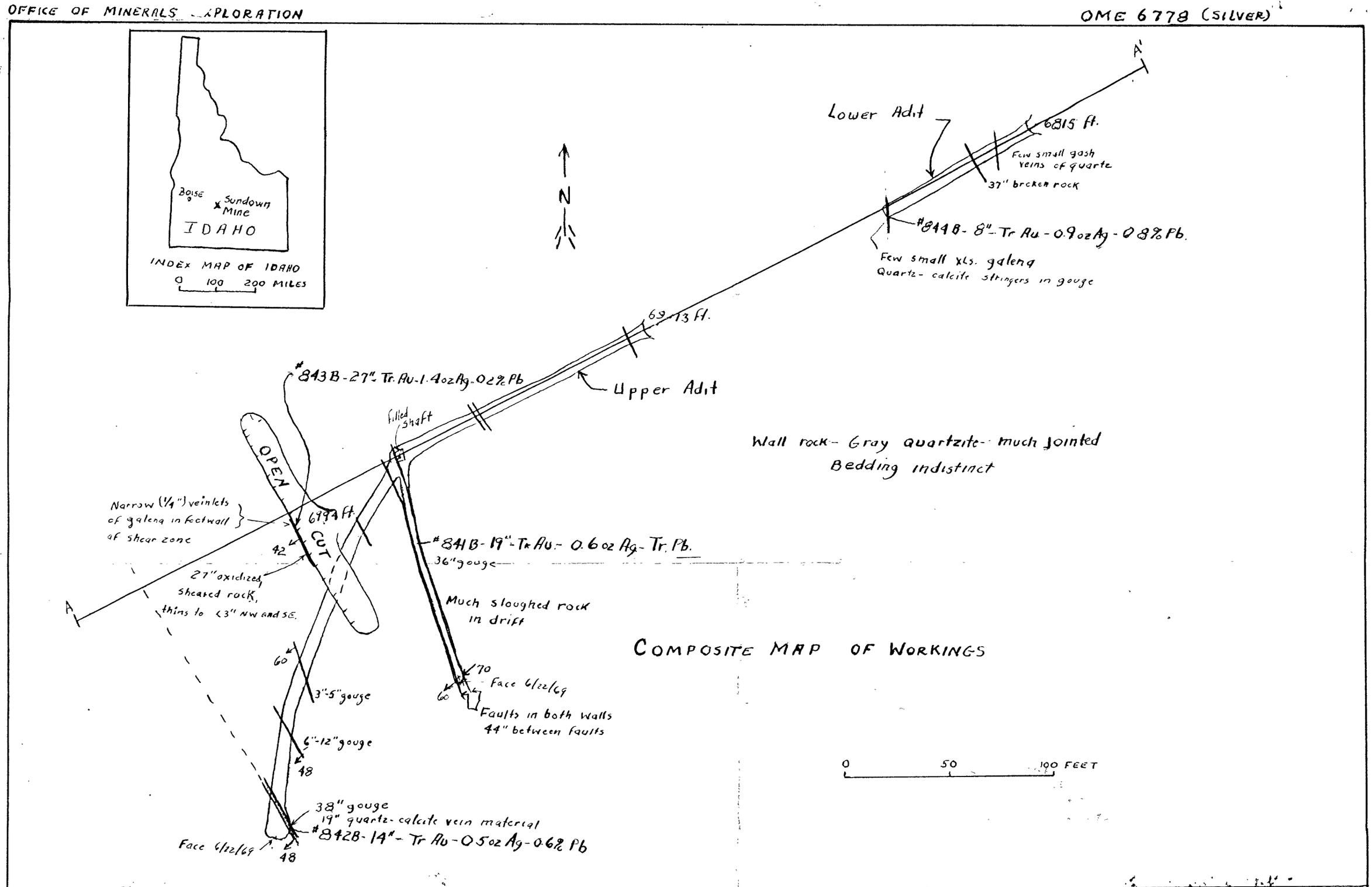
D. R. MacLaren
Field Officer, OME
Region I

Enclosures

DRMacLaren/mls

cc: OME

Director's Reading File



Modified 6/22/69 from OWNER'S MAP (WPP)

FIGURE 1. PLAN MAP AND SECTION, SUNDOWN MINE
SECS. 1 & 2, T. 3 N., R. 17 E., BLAINE COUNTY, IDAHO