MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. _____

Application
- [ ] Denied
- [x] Withdrawn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
- [ ] 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
- [ ] On-site Exam. Report (Tab)
- [ ] 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
February 26, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 28 1969

INITIALS	CODE

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Transmittal of Application for Assistance
John H. Patterson (Gold-Silver)
Beverly and Dian Claims
Madison County, Montana

The enclosed application appears to be in order. However, the proposed bulldozing of one trench along a mineralized(?) contact in the hope of exposing milling ore for immediate production seems to be a combination of prospecting and development. This trench by itself would not broadly delimit and sample a possible ore body.

If the applicant would be willing to bulldoze 4 or 5 trenches at 150- to 200-foot intervals across the apparent mineralized zone and, if this were successful, to follow this by diamond drilling or some other underground work, certainly an on-site inspection should be made. Otherwise, it would seem that the proposed single trench would have to be denied.

D. R. MacLaren

D. R. MacLaren

Enclosures

MME Form 40
(Revised Nov. 68)

RECEIVED
FEB 25 1969
M.E.
SPOKANE, WASH.

Budget Bureau No. 42-R1368
Approval expires Dec. 1971

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 28 1969
INITIALS CODE

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.)*

John H. Patterson

Silver Star, Montana. (Madison County).

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6775

DATE RECEIVED 2 | 28 | 69

REGION 1

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL [X]
CORPORATION [ ]
PARTNERSHIP [ ]
OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Not applicable. (None) (See historical note in typed description)		

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

ESTIMATED COST OF PROJECT: $1,000.00

PROPERTY NAME	LOCATION COUNTY	STATE
Beverly & Dian (lode claims)	Madison	Montana

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. II). 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 Department of the Interior, U.S. Geological Survey, Office of Minerals Exploration, 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.

February 24 - 1969
DATED

John H. Patterson
BY *(Signature)*

Owner.
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 (1) true copies of your letters to credit sources which show date of loan request, amount and terms requested, and proposed use of loan funds and (2) true copies of 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 signed by owner on MME Form 52. If the agreements cannot be obtained, state reasons and whether you can furnish a performance bond.

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.

(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) 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. State your reasons for expecting to find ore.

(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, address, and telephone number 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 time and materials *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 price 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).]

RECEIVED
FEB 25 1969
O.M.E.
SPOKANE, WASH.

Butte, Montana.
February 5, 1969.

United States, Department of the Interior,
Office of Mineral Exploration,
Spokene, Washington. 99201.

Re: Mineral Exp. Loan.

Gentlemen:

Acknowledging receipt of your letter of Janurary 17th, wherewith there was returned the original papers of my application for a loan, with the statement that the papers as submitted were inadequate for your purpose.

I wish to thank you for the information and advice given, and am now submitting more detailed information that is roughly correct insofar as my present knowledge extends.

* Historical Note: Some elderly men of my acquaintance stated to me that many year ago the (Flat, basin like area, noted on the enclosed map) was known as The Plowed Field Mine. It acquired that name by reason of the fact that a prospector had there found some very rich pieces of Gold Quartz Float with free gold sticking out of the sample surfaces. So far as I was able to determine that float was not assayed because of its very evident visual rich content of metal. It is stated that the prospector obtained a team of horses and a walking plow and plowed the surface, whereby he obtained a considerable amount of the rich float ore. Thereafter the place became known as the Plowed Field Mine.

Since I own a one half interest in the Green Campbell Mining Property (shown on the map) and spend my summers there to prevent theft of milling machinery and equipment, I exemined this plowed field area (now grown over with sage brush) and staked the designated Dian and Beverly Lode Claims.

During the summer of 1968 I consulted with the Montana State Bureau of Mines and Geology, and hired an operator with a bull dozer to do some surface cutting. I paid him $275.00, and had sevaral cuts made under the direction of the Bureau of Mines Geologist. I have shown only two of these cuts on the enclosed (rough map) because I consider them to be the most important, and, with reference to the flat area, since the ground slopes upward from there toward the north, it would be expected that float ore lying in the flat area would have come from the north. I therefore made the cut across the most northerly of the two (red dotted lines) and uncovered the Quartz Monzonite contact about two feet under the ground surface. Here the Quartz Monzonite appears to be highly altered over a width of some 40 feet, with Malachite, Chalcopyrite, and, associated gold and silver occur as coatings on close-spaced fracture planes in this altered zone.

On the most southerly of the two (red dotted lines) a dozer cut was made parallel to the line. During the making of this cut, and while the dozer was operating, I grabbed out many pieces of float in which free gold was clearly visible to the naked eye, and many more pieces went into the dump pile taken from the cut.

Some of these pieces of float were as large as a peck measure, and, because of their evident richness I did not have them assayed. They were taken to the Green Campbell Mine and stored there, but, because of depth of snow now blocking the mine roads, they cannot be assayed until the snow goes off to allow travel.

Because of the findings so far made, I now desire to obtain financial assistance for more bulldozing to completely uncover the vein, which now appears to lie along the Q-M contact where the most northerly of the red dotted lines is show on the map. It appears that material from there has slid or rolled down hill toward the cut in which the float was uncovered.

1. FINANCIAL ELIGIBILITY:

(a)
I discussed the matter of a loan with banking institutions and am enclosing herewith my letters of request as well as the banking replies to my applications for loans. It appears that banks are not allowed to make loans for the purposes outlined.

(b) Though I own a half interest in the Green Campbell Property, there will be no affiliated interest in the Dian and Beverly Lode Claims; this is my private venture, and I am the sole owner of the claims here named.

(c) I have cash on hand in bank deposits from which to furnish my share of the cost of the exploration work.

2. APPLICANT'S RIGHTS IN LAND:

(a) I personally staked and recorded the Dian & Beverly Lode Claims, and am the sole owner thereof; they carry no encumberances of any kind.

(B) These two Lode Locations are unpatented mining claims, situated in (TS-2S-R6W, Sections 4 and 9). Dian Claim is recorded in Book 201 of Lode Locations, Page 561. Beverly Claim is recorded in Book 211 of Lode Locations, Page 439. Records of Madison County, Montana.

(c) Not applicable.

3. Physical Description:

(a) See map on (red-lined) cross-section paper. See details on Soil Sample Traverse.

(b) See description under (* Historical Notes:). I had no interest in work shown to have been done in years past, and as indicated on Soil Sample Traverse, where caved workings shown were done many years ago.

(c) Do not know of any recorded production. At present time it is not known what the prospector recoverd from his Plowed Field Mine.
(d) Do not know what ore reserves may exist; that is what I wish to attempt to uncover and develope.

PHYSICAL DESCRIPTION: (continued).

(e) See (red-line cross-section map), Soil Sample Map, and Historical description. Finding of the high grade float would indicate that a vein deposit will be uncovered.

(f) See Soil Sample Map (prepared by geologist from Montana State Bureau of Mines and Geology. See Historical Notes (above), and, though I did not as yet assay any of the apparently rich float taken from the bull dozer cut as described in *Historical Notes, as soon as the snow clears off the road to our Green Campbell Mine Property, I will get the pieces, taken from the cut parallel to the southerly red dotted line, and have them assayed. It would appear reasonable to believe that after bull dozing so many pieces of float from the mentioned cut, one should expect to find ore in a vein on the slope above the point where the samples were uncovered. The slope rises toward the north, above the flat ground from which the float was bull dozed; the Q-M with Gneiss contact lies some three hundred feet northerly (on the said slope); there is some 40 feet of altered and decomposed zone along this contact, and it is believed that there is where the vein will be found.

(g) All of the geological information that I have at the present time is contained in the (red-lined) plat showing location of most important cuts, and in the sketch of Soil Sample Traverse. They are enclosed herewith and need not be returned.

4. ACCESSIBILITY OF PROPERTY:

(a)

The town of Silver Star is about 35 miles from Butte, Montana, over paved highway. The Green Campbell Mine is about two and one-half miles west of the town of Silver Star over a good graded road. The Beverly and Dian Claims are about one mile south of the Green Campbell mine, and though there is a road leading from the Green Campbell, south over the hill to the mentioned claims, that road is at present not negotiable except in a four wheel drive pickup (which I do not own). I have a Ford 1/2 ton pickup which I use to reach these claims, but travel in a round about (easier grade) way, some eight miles in length.

Though I reside in Butte during the winters, I move out to the Green Campbell Mine Property during the summer, and, though we do not have telephone service from Silver Star to the G C Mine, I usually go down every day for mail. In the event that a representative from OME wished to examine the property, and would advise me by mail a few days in advance, I would be able to meet him at the Silver Star Store and Post Office, where the telephone number is listed under Whitehall, for Bernard F. Du Monthier-Silver Star- Phone 287-3605. A phone call to that number (giving a message for a meeting) would be placed in my mail box, or delivered to me when I go there for mail.
I could meet the OME representative at any time after I move to the Green Campbell Mine and take him for the examination of the Dian & Beverly Claims. If it took more then one day, this man could be lodged with us in one of the extra Cabins we have at the G C Mine Property.

5. EXPLORATION WORK:

(a) In the sketched map showing (T[illegible]-2S-R6W) with Sections 4 & 9, I indicate on the claims two dotted lines striking NW - SE through the lengthwise dimensions of the claims. For use here I will now designate the northerly line as the north vein, and the southerly line as the south vein.

After making the SOIL SAMPLE TRAVERSE with the representative from the Montana Bureau of Mines and Geology, I made five dozer cuts across the south vein, thinking that the hi-grade float came from that vein, but the results did not prove that to be true.

I then made the cut across the north vein where the Q-M contact with Gneissoid rocks is shown, with some 40 feet of altered and decomposed material next to the contact line. My later examination of the work now appears to show that the hi-grade samples came from the north vein and moved downward onto the flat like area where I uncovered them in the cut that runs parallel with the south vein.

My intention for further prospecting and development is to completely strip and expose the north vein easterly from the cross-cut that was made in 1968 on the north vein; that is, I would strip the vein by going easterly, and at the same time, following the contact line with the Quartz Monzonite. I would strip as deep as was necessary to thoroughly expose that contact line, and I believe that can be done with the amount of funds that I would expect to use if this loan is granted. All the indications now appear to show that the hi-grade slid or washed down from the Q-M Contact to the point where it was uncovered along what I have called the south vein. There was no Hi-Grade found in any of the cuts I made on the Beverly claim, other than that which I fould in the cut made parallel with the strike on the south vein. If a representative from OME comes for examination, I believe that I can clearly explain why I feel certain that the Hi-Grade came from the north vein.

(b) There is no access road that needs to be built; all of the funds can be expended in direct development on the said claims.

(c) I will start the work immediately after I am advised that the loan will be granted, and will use a bull dozer that is located in Silver Star, so there will be no reason for shipping one in from some other place. Mr. Lloyd Harkins, who is a good operator, and resides in Silver Star, has an HD 10 Allis-Chalmers Dozer.

Mr. Harkins will do this work at the rate of $16.00 per hour; and, allowing two hours for moving from Silver Star to the Claims, and two hours for the return trip, with 58 hours to be used in stripping the north vein, gives us a total of 62 hours, which, @ $16.00 per hour = $992.00.

6. EXPERIENCE:

I have had about 35 years experience in the mining business; part time underground and part time as an operator in mills useing the flotation process for mineral concentration. Mr. Harkins has had some 25 years mining experience; part underground and part surface work, ~~but, all work will be done under direction of M.J. St. Peter of Mines.~~

7. ESTIMATED COSTS:

Generally: Costs, other than as has been outlined in 5. (c) above, are not expected to be incurred.

(a) Independent contracts -(none)

(b) Personal Services - I expect to supply my personal services and the use of my 1/2 ton Ford Pick-up Truck during the time the dozer work is being done. My own time to be spent in directing the dozer work, and the truck for use in transportation of fuel ect., and, in transportation of myself and Mr. Harkins (morning and night) to and from the property on which the work is being done. For my own time and the use of the truck as described, I will expect to make a charge of $25.00 per day, to be included as a portion of my share of the costs of the work of exploration under the loan if granted, or,unless otherwise directed by OME, We will expect to work eight hours per day while the exploration work is being conducted.

(c) Operating materials and supplies - The costs of fuel, oil, grease, and repairs for the bull dozer will be borne by Mr. Harkins under his $16.00 per hour agreement for the use of his time and the bull dozer. Gas, oil, and repairs for my pick-up truck will be born by me under my $25.00 per day charge for my personal services and the use of the truck.

(d) Operating Equipment - See (b) and (c) above.

(e) Initial rehabilitation - not applicable - none needed.

(f) New Buildings, ect., - not applicable - none needed.

(g) Miscellaneous - There would be no costs for repairs and maintaining of equipment, since such costs will be included under provisions set forth in 7. (above). As to accounting, no costs are expected to be incurred, and, in this connection, it is my understanding that, I will pay bill as rendered, get paid receipts therefor, send such paid bill to OME, after which OME will forward to me their share of all costs under the loan contract. The above is what I will expect to do, unless otherwise instructed by OME.

With reference to Workman's Compensation, employees' liability insurance, and payroll taxes: It would appear to me that Mr. Harkins will be working as an independent contractor, supplying himself and his dozer at a fixed charge per hour, with a contract for so many hours to complete the work. He would thus be expected to provide his own liability insurance, and finally take care of his own tax situation when he makes his Income Tax Return. Neither Mr. Harkins or myself will be hiring any employees to assist with the work. I believe Mr. Harkins carries personal accident insurance, and I have public liability insurance on my truck, and have Medi-care insurance under my social security benefits.

APPEMDIX: In the event that we develope shipping ore, it can be shipped by truck to the Anaconda Company Smelter (either to their Butte, Montana receiving station, or to the Smelter in Anaconda, Montana.

APPENDIX: (continued).

At our Green Campbell Mine Property we have a 25 ton/day flotation and concentration mill, in which we milled the ores of the Green Campbell mine before the day it was closed down by War Production Board Order L-208. This mill is in good operating condition, except that it needs new roof covering (wood or asphalt shingles).

The coarse ore bin is about 75 tons capacity, followed by a bar grizzly and an Allis Chalmers Primary crusher. The fine ore bin is about the same capacity, from which ore is fed to the ball-mill by conveyor belt feeder, driven by ratchet mechanism with adjustable feed control. The ball-mill is a 4' x 3' Union Iron Works, trunion discharge unit. The classifier is a Dorr Rake machine, with a Denver Mineral Jig in the ball-mill-classifier circuit. The classifier overflow passes to a 24" x 24" 4 cell Denver Sub-A flotation machine, from where the flotation tails pass to a No. 6 Wilfley Concentrating Table, the tails of which are mill tails and flow to the tailings pond.

If milling ore is developed in the Dian & Beverly Claims, the road down the hill from the said claims can be rebuilt in such manner as to make about a two mile haul to the Green Campbell Mill.

During the use of this mill in the milling of Green Campbell ores in the years 1938, 1939, 1940, 1941, and 1942; if we held our grind (classifier overflow to flotation) to (100% - 100 mesh) we made a 92% recovery of the values contained in the mine ore.

Reagents used in the milling process were: Soda Ash (or Sodium Hydroxide - 15% water solution) to a pH of 8.4, American Cyanimid Aerofloat Reagents 208 and 301 (fed separately in equal amounts per ton). For frothing agents we sometimes used American Cyanimid No. 25 or No. 31., and finally setteled on Dow Froth 250 in the milling of some custom ores that were hauled in from other properties in the vicinity.

During the later years we also ran some Tungesten ores, (Sheelite and Powellite), in the milling of which we were obliged to develop our own flowsheet, useing the equipment above described. In the first test work we ran the ore in the same manner as our gold ore had been treated, except that, we of course used fatty acid reagents in the form of fatty acid soaps. The first heads and tailing assays from this method of treatment showed that we had achieved a 95% recovery, but, the concentrates were too low in grade. We therefore changed the circuit, allowing the flotation tails to flow to waste, and tabled the flotation concentrates. The table tails were then pumped back into the flotation feed. This method produced a 66.5% hi-grade table concentrate, and a 12.5% low-grade table concentrate, and an overall 80% recovery of the tungsten minerals.

While milling our Green Campbell gold ores, the jig cons were amalgamated by barrel amalgamation; amalgam was retorted and gold sponge shipped to the mint. Amalgamation residue was mixed with the Flotation Concentrates, which, along with table concentrates, was shipped to the Anaconda Smelter.

Very truly yours,

John H. Patterson

Butte, Montana.
Febraary 8, 1969.

Security Bank,
Butte, Montana.

Gentlemen:

About 45 years ago a prospector found a very hi-grade chunk of gold Quartz float on a basin-like flat piece of ground about a mile south of our Green Campbell Mining Property. Mr. Ray Coenforth, who knew the prospector, was given a piece of this rock, which was about as large as a foot-ball, and, as stated by Mr. Cornforth, it had coarse free gold sticking out of it's surface.

Mr. Cornforth showed me where this rock was found, so I proceeded to stake two mining claims to cover the ground indicated. These claims were located as the Dian Lode Claim and as the Beverly Lode Claim respectively. After the location was made, I conducted a Soil Sample Traverse under the direction of our Montana State Bureau of Mines and Geology, and, thereafter made several bull dozer cuts, in one of which (on the flat ground) I dug out more pieces of the hi-grade float showing much free gold. Since the ground slopes upward toward the north (from the point where I dug out the float) I went up-hill some 300 feet and made another cut in a northerly and southerly direction. In this last cut, about two feet under the surface, I uncovered the Quartz Monzonite Contact, where there was about a 40 foot width of vein-like, altered and decomposed rock, showing mineral content.

I now wish to strip this contact in the direction of it's strike to completely uncover the vein, since the evidence indicates that the hi-grade float rolled, slid, or washed down from this vein to the point where I dug it up from the cut in the flat. For this purpose I desire to obtain a loan, secured by the claims, under a contract to repay at the rate of royalty from shipped ore.

I would desire that this loan be made to me for the amount of $1,000.00, with repayment to be made as above specified.

My present address is: 2219 Amhurst, Butte, Montana, and I would be very thankful if you could give me a reply at earliest convenience.

Very truly yours,

John A Patterson

Security BANK
Anxious to Serve You All-ways

P. O. Box 1957
1880 Harrison Ave.

BUTTE, MONTANA
ZIP 59701

Feb. 10, 1969

Mr. John H. Patterson
Silver Star, Montana

Dear Mr. Patterson:

We have considered your loan request for $1000.00 to mine the mining claims in your letter, and find that we have to deny this request due to lack of funds at this time.

Very truly yours,

Alan W. Noyes

AWN/mw

Alan W. Noyes,
Exec. Vice President

Butte, Montana.
February 8, 1969.

Miners Bank of Montana, n. a.,
Butte, Montana.

Gentlemen:

Some 45 years ago a prospector found a very hi-grade chunk of gold quartz float on a basin-like flat piece of ground about a mile south of our Green Campbell Mining Property. Mr. Ray Cornforth, who knew the prospector, was given a piece of this rock, which was about as large as a foot-ball, and, as stated by Mr. Cornforth, it had coarse free gold sticking out of it's surface.

Mr. Cornforth showed me where this rock was found, so I proceeded to stake two mining claims to cover the ground indicated. These claims were located as the Dian Lode Claim and the Beverly Lode Claim respectively. After the locations were made, I conducted a Soil Sample Traverse under the direction of our Montana State Bureau of Mines and Geology, and thereafter made several bull-dozer cuts, in one of which (on the flat ground) I dug out more pieces of hi-grade float showing much free gold. Since the ground slopes upward toward the north (from the point where I dug out the float) I went up-hill about 300 feet and made another cut in a northerly and southerly direction. In this last cut, about two feet under the surface I uncovered the Quartz Monzonite Contact, where there was about a 40 foot width of vein-like, altered and decomposed rock showing mineral content.

I now wish to strip this contact in the direction of it's strike to completely uncover the vein, since the evidence indicates that the hi-grade float rolled, slid, or washed down from this vein to the point where I dug it up from the cut in the flat. For this purpose I now desire to obtain a loan, secured by the claims, under a contract to repay at the rate of royalty from shipped ore.

I would desire that this loan be made to me for the amount of $1,000.00, with repayment to be made as above specified. Thanking you for an answer at earliest convenience.

Very truly yours,

John A Patterson

P.S.
My present address is: 2219 Amhurst, Butte, Montana.

MINERS
BANK OF MONTANA N.A.
BUTTE, MONTANA 59701

January 9, 1969

Dear Mr. Patterson:

In response to your request for the loan of $1,000.00 on your mining property, I regret to say that we will be unable to accommodate you.

It is our policy to finance projects within our own locality. If at any time in the future we may help you with anything in our territory, please do not hesitate to contact us.

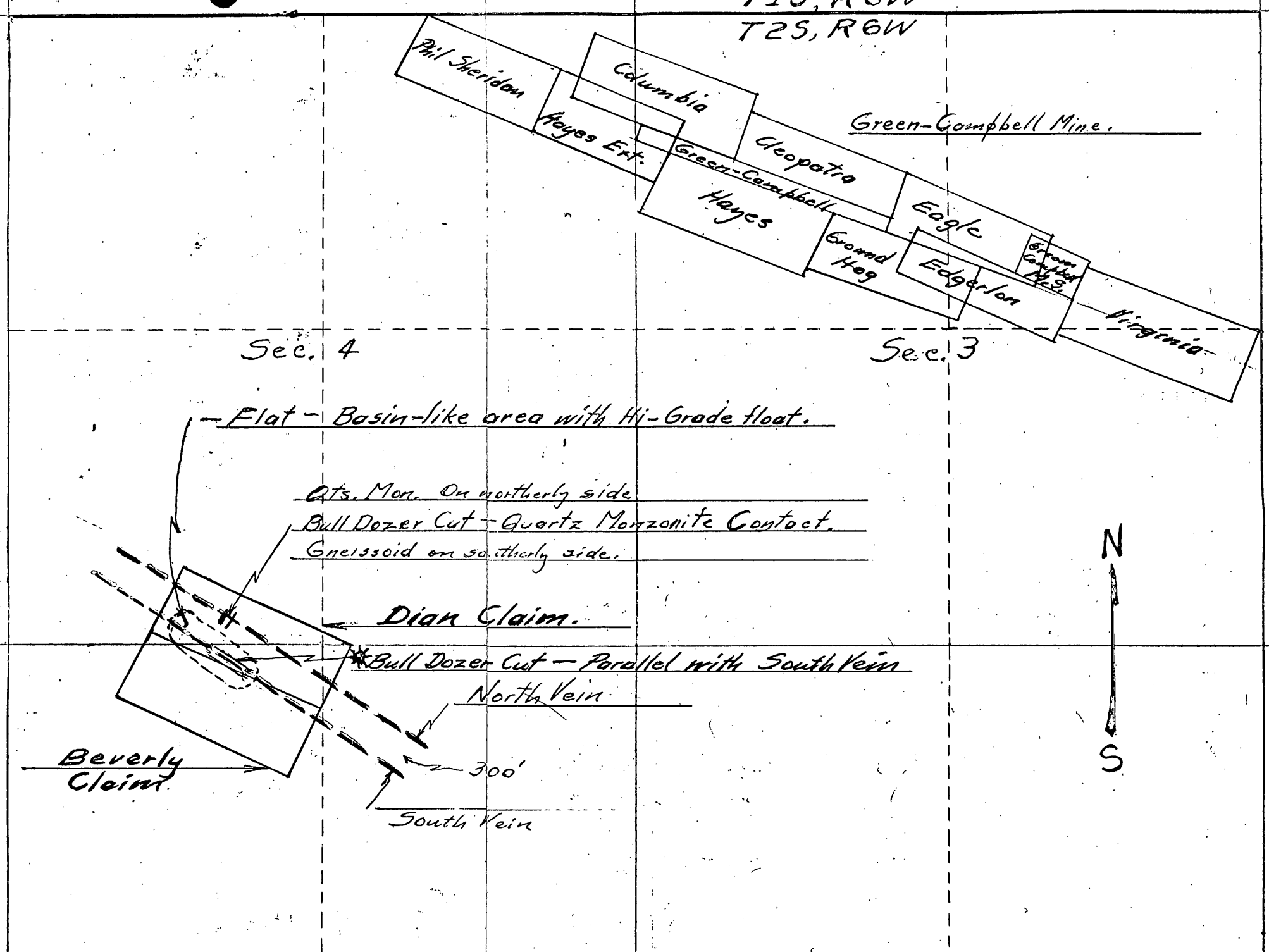
Thank you.

Sincerely,

Charles F. Brasier

Charles F. Brasier
Assistant Cashier

CFB Jrb



SILVER STAR MINING DIST.

Madison County, Montana.

Scale: 1 in. = 2000 ft.

OFFICIAL
COPY
O. M. E.
RECEIVED
FEB 28 1969
INITIALS | CODE

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/18/69	Peterson	120
	Emerick	120
		220
		[illegible]

SEP 18 1969

AIRMAIL

Mr. John H. Patterson

Silver Star, Montana 59751

Re: OME-6775 (Gold-Silver)
John H. Patterson
Beverly and Dian Claims
Madison County, Montana

Dear Mr. Patterson:

Thank you for your letter of September 10 advising us of your decision to withdraw the subject application. Accordingly, we are considering the application as having been withdrawn and are placing it in our inactive files.

If you wish to reopen this case at any time in the future, you may do so by filing a new application, referring to this OME docket number, and furnishing the information pertinent to your new proposal. This information should include new bank letters dated within 90 days of filing the new application, but need not repeat data already submitted.

Sincerely yours,

William L. Emerick (gfa)

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
Mr. Peterson

ECPeterson/bsl 9/18/69

OFFICIAL COPY
U. S. E.
RECEIVED
SEP 15 1969
INITIALS | CODE
HK 130
M E.- 6775

Silver Star Montana
Sept 10-69.

U.S. Department of the Interior
Washington D.C.

Dear Mr Kirkemo;

Received your letter of aug 13th and note what you have to say regarding availability of funds for the fiscal year.

I had the Bently and Dian Claims leased for 2 weeks in August for exploration work, and the leasers used a Backhoe, but the formation was to hard for a backhoe to get down to the vein.

The leasers requested 30 to 60 days extension expecting to core drill.

At this time I wish to withdraw my application with the understanding that I may renew my application later if it becomes necessary.

Sincerely yours.
John H Patterson

Copy to Region

Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/14/69	Peterson	120
		120
8/13	cae	220
		120M

AIRMAIL

AUG 13 1969

Mr. John H. Patterson

Silver Star, Montana 59751

Re: OME-6775 (Gold-Silver)
John H. Patterson
Beverly and Dian Claims
Madison County, Montana

Dear Mr. Patterson:

We have not heard from you since your letter of May 5 concerning the subject application for assistance.

For your information, it has recently become necessary for us to postpone the processing of all applications received pending definite information regarding availability of funds for the fiscal year beginning July 1, 1969. Although appropriations have not yet been made for the current year, we understand that funds will be much less than were available for the year that ended June 30, and we are authorized to operate only at the level of the anticipated reduced funds. Under this situation, action on pending applications must be postponed, as proposed contracts already drafted and awaiting execution will require more funds than are available. When we can again process applications, first priority will be given to those offering the best opportunities for making significant discoveries.

We regret that we must take this action; however, if the results of your preliminary work are favorable and you submit a revised proposal of exploration along the lines suggested in our letter of March 17, and when circumstances permit, we will continue to process your application within the limitations stated above.

If we do not receive a reply from you within 30 days from the date of this letter, we must assume that you are no longer interested in your application and we shall consider it as having been withdrawn.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo, Chief
Office of Minerals Exploration

cc: Director's Reading File
Minerals Resources File
~~OME~~ Docket
OME Reading File
Region I
Mr. Peterson

ECPeterson/bsl 8/14/69

Silver Star Mont
May 5-69

U.S. Department of Interior
Office of Mineral Exploration
Washington D.C. 20242

RE: OME-6775

Dear Mr Kirkemo:

Recieved your letter of april 29-69, And I wish to inform you that I have not been able to do any thing with the Beverly and Dean project other than to take soil samples, for geochemical testing, And at this time I am waiting to hear what the result will be.

As soon as I hear from the geochemical tests if they are favorable I intend to move a Bull Dozer on the property and make the cuts as you have suggested.

Sincerely yours,
John H. Patterson

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MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/29/69	Return	120
		120
4/29	cc	220
		120M

APR 29 1969

AIRMAIL

Mr. John H. Patterson

Silver Star, Montana 59751

Re: OME-6775 (Gold-Silver)
John H. Patterson
Beverly and Dian Claims
Madison County, Montana

Dear Mr. Patterson:

We have not heard from you since your letter of March 26. Will you please advise us of your plans regarding the cited application for exploration assistance. If you have decided not to pursue it further, please so inform us.

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. Peterson

ECPeterson/bsl 4/29/69

Silver Star Mont.
March 26-69

US Department of the Interior
Office of Mineral exploration
Washington D.C.

RE: OMC-6775 Gold & Silver

Dear Mr Emerick;

Thank you for your letter of March 17th in reference to the above application.

I will give serious consideration to the suggestions you made in your letter.

In the event I will require assistance for an exploration program I will get in touch with you.

Copy to Region

Sincerely yours,
John H Patterson

OFFICIAL COPY
O. M. E.
RECEIVED
MAR 23 1969

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WE	~~120~~ E
[illegible]	

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/14/69	(on leave)	120
	Return	120
	Emerick	
3/17	call	220
		120M

AIRMAIL

MAR 1 7 1969

Mr. John H. Patterson

Silver Star, Montana 59751

Re: OME-6775 (Gold-Silver)
John H. Patterson
Beverly and Dian Claims
Madison County, Montana

Dear Mr. Patterson:

We have reviewed your application for financial assistance and find that the work as proposed does not constitute an acceptable program of exploration. The proposed stripping in the hopes of exposing milling grade ore for immediate production is considered development and not eligible for Government assistance. Under OME regulations, neither prospecting nor development (preparation for mining) is eligible for assistance.

Please advise whether you would be interested in a program of bulldozing and sampling several trenches at 150- to 200-foot intervals across the mineralized zone. If this were successful, a limited program of diamond drilling or underground exploration could then be considered to adequately explore the potential deposit. We would be pleased to consider such a program of exploration.

We shall hold the further processing of the application pending your reply. Nothing in this letter should be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

William L. Emerick (gla)

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

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
Region I
Mr. Peterson

ECPeterson/bsl/gla 3-17-69

February 28, 1969

Mr. John H. Patterson
Silver Star, Montana 59751

Subject: OME-6775

Dear Mr. Patterson:

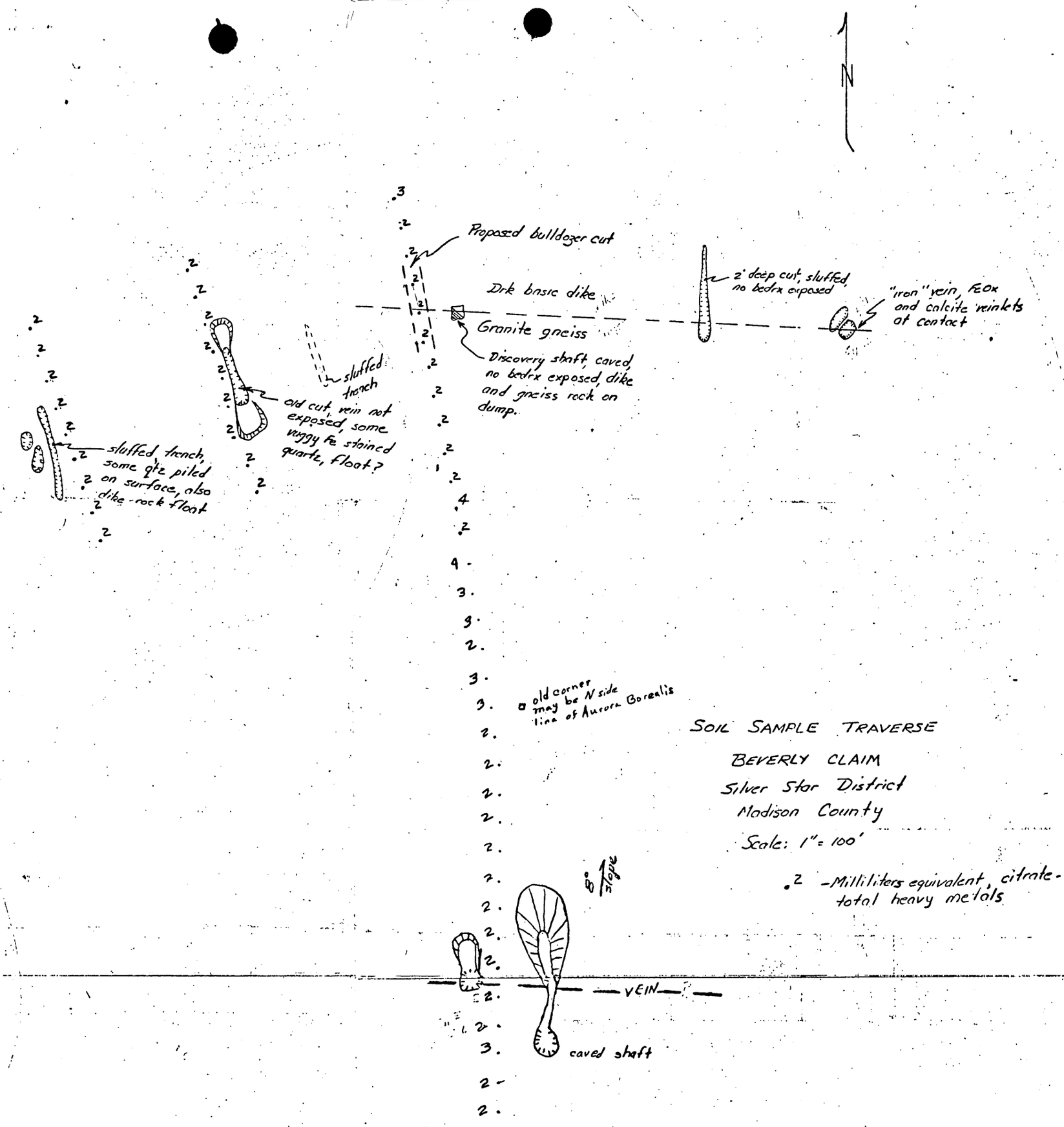
Your application for exploration assistance, dated February 24, 1969, submitted to our office at Spokane, Washington, has been assigned Docket Number OME-6775.

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

Sincerely yours,

Harold Kirkemo
Assistant Chief,
Office of Minerals Exploration

Copy to Region I


N
Proposed bulldozer cut
Drk basic dike
Granite gneiss
Discovery shaft, caved, no bedrx exposed, dike and gneiss rock on dump.
2' deep cut, slufted, no bedrx exposed
"iron" vein, FeOx and calcite veinlets at contact
slufted trench
old cut, vein not exposed, some vuggy fe stained quartz, float?
slufted trench, some qtz piled on surface, also dike-rock float
old corner may be N side line of Aurora Borealis
SOIL SAMPLE TRAVERSE
BEVERLY CLAIM
Silver Star District
Madison County
Scale: 1" = 100'
.2 -Milliliters equivalent, citrate-soluble total heavy metals
8° slope
VEIN
caved shaft