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4. ACCESSIBILITY of PROPERTY.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701
Co-locators and co-owners.

a. George S. Gluck, Ramsay, Montana 59748, Tel. 406-792-5700, will meet the OME representative. It is suggested that, at least for the first visit, the OME representative would advise George Gluck by telephone or by mail about the time of his visit.

The property is accessible by car from Butte, Montana as follows:

From Butte southward to Divide along the Interstate #15, the distance of 25 miles; from Divide westward to Dewey along the state highway #43, the distance of 7 miles; from Dewey southward along the improved Forestry road to the turn-off to the Green Lizard mine a distance of about 12 miles; from this turn-off to the Green Lizard mine about a mile, and from the Green Lizard mine to the Montana shaft about 1100 feet; the total distance from Butte about 46 miles.

The Montana shaft is safely timbered and provided with ladders.

b. The supply point is Butte, 46 miles distant. There is a small lumber mill at Dewey and a general store and the filling station at Wise River, five miles further west from Dewey, along the highway #43.

The nearest smelters are located at Anaconda and East Helena, about 55 and 100 miles distant, respectively.

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5. EXPLORATION WORK.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701
Co-locators and co-owners

a. Exploration work, as proposed by the Applicant, shall consist of three interdependent steps, carried out in a logical sequence and by the same crew, and for this reason considered as a single item of exploration:

1. Rock section of the rehabilitated shaft is 6 ft. by 9 ft. However near the bottom, the last five feet, this section is reduced and irregular. As the exploration drift is to be driven at the bottom of the shaft, the section of the shaft for a distance of five feet has to be straighted out and brought to 6 ft. by 9 ft. dimension. See "Plan of Exploration", Sectional Elevation E-E.

2. Exploration drift: The footage - 200 feet, the rock section - 7 ft. by 5 ft. It is expected that at the shaft for a distance of 10 - 15 feet it will be required to have the drift timbered, therefor the rock section for this distance would be 7'6" by 6 ft. See "Plan of Exploration", Sectional Elevation A-A and Sectional Plan B-B.

3. Exploration raise: As the elevation of the ground is rising in the southwesterly direction, the footage of the raise is expected to be about 60 feet. Due to the dip of the vein being nearly perpendicular and the ground close to the surface being unstable, it is proposed to drive a two compartment, 6 post raise with the rock section - 6 feet by 8 feet. See "Plan of Exploration", Sectional Elevation A-A and Section C-C.

Location of the proposed exploration workings as related to geologic features, to existing mine workings and to the land boundaries are shown on the map of "Montana Lode claims and on the " Plan of Exploration". These two maps are attached to the Item 3 of this application - "Physical Description".

b. At present there is an unimproved road leading from the Green Lizard claim to the Montana shaft, a distance of about 1100 feet. As the road is on the Forest Service land, it would be necessary to obtain a permit from the District Forest Ranger, to survey the route and to submit the survey for his approval. To meet the grade specifications the present road has to be relocated at the shaft and at the connection with the Green Lizard road, as shown in dotted lines on the map of "Montana Lode Claims". With a 12 foot wide road it is expected to have a moderate amount of blasting and clearing and one small culvert.

c. The area of the proposed exploration work is free of snow usually the last week of May or the first week of June. It is the intention of the Applicant to begin the work of the road survey and the extension of the present head frame as soon as the area is accessible. If the OME contract is executed, the explora-

tion work will begin without any delay.

It is the intention of the Applicant to carry all proposed exploration work on a single shift per day basis, 8 hours per day, 5 days per week. It is proposed to have the scheduled exploration work completed in one summer season. It is estimated:

1. To extend the head frame and to set the cage guides along the shaft	... ...	5 working days
2. To enlarge the bottom of the shaft and to cut into the vein	... .	5 working days.
3. To drive the drift	... .	50 working days.
4. To drive the raise	... .	15 working days
	Total	75 working days.

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6. EXPERIENCE.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701
Co-locators and co-owners.

The Applicant is two co-locators and co-owners of three mining claims.

The supervisor of the project shall be one of the co-locators - George S. Gluck - a graduate mining engineer (Montana School of Mines, 1925). Since graduation he was connected with mining industry in various capacities for about 40 years. He has been engaged in independent exploration of mining properties for more than 15 years.

The second co-locator - Omer H. Boeh - is a practical miner. He was working as an underground miner in Butte mines for more than 25 years. Last 20 years he has been prospecting and operating small prospects in various mining districts of Montana, mostly in Vipond Park mining district, Beaverhead county, Montana. His duties shall be an underground miner or a surface man, as the requirements will demand.

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7. ESTIMATE of COSTS.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701;
Co-locators and co-owners.

a. Independent contracts. In view of the limited amount of road work using a bulldozer, one local contractor was contacted who gave the Applicant a prevailing charge for a bulldozer operation as $42.50/hr, and the charge for bringing in a bulldozer as $1.50/mile (one way).

Bulldozer operation in road construction:

10 hours & $42.50/hr. ...	.. $425.00
Bringing bulldozer in - 46 miles & $1.50/mile ...	69.00
	$494.00

b. Personal services. In order to avoid all possible delays in execution of the proposed exploration project, the Applicant in the decision of the required personnel had considered the following factors:

1. The project is a new organization.
2. The project to be complited in one summer season of 5 months.
3. Possible interuptions due to the incliment weather
4. The source of water from the shaft is 3/4 mile.
5. The main supply point is 46 miles, and the gas station and a general store - 18 miles away, respectively,

It is proposed to have 4 employees and a supervisor; two underground miners, one surface man to attend to the hoist and compressor, and to empty hoisted cars, and one surface man to have all required supplies by the shaft and to operate the front end loader as needed. These two surface men will also be charged with framing mine timber:

Two miners & $40.00/day for 75 days ...	$ 6000.00
Two surface men & $35.00/day for 75 days	5250.00
Supervisor (engineering, geological and general managing duties) & $1000.00/month, 4mos	4000.00
	$15,250.00

The required personnel is available.

c. Operating Materials and Supplies. It is proposed that all operating materials and supplies to be on hand in the amount to assure the uninterrupted operation only. The total amount of the materials and supplies for the project is estimated to be:

1.	Lumber, 12,000 BF @ $150.00/1000	$ 1800.00
2.	Powder 2600 lbs @ $40.70/100	1058.20
3.	Safety Fuse 6000 ft @ $21.20/1000	127.20
4.	Caps 1100 @ $44.00/1000	48.40
5.	Gas for air compressor (140 hrs of drilling, @ 9 gal/hr) 1260 gals @ $0.55/gal.	693.00
6.	Gas for hoist, pick-up and front end loader 750 gs	412.50
7.	Compressor and engine oil	75.00
8.	Drill steel for air leg and for stoper, 2 sets, each set 2', 4', 6' @ $47.00/set	94.00
9.	1 3/8" drill bits, tungsten carbide inserts, "throw-away" (5200 ft. drilling, @ 20 ft/bit) 260 bits @ $5.00/bit	1300.00
10.	3/4" air hose, 50 ft. with fittings	60.00
11.	½" water hose, 50 ft. with fittings	45.00
12.	2" air line pipe, 300 ft. with fittings	200.50
13.	1" water line pipe, 300 ft. with fittings	113.70
14.	25 lb. mine rails, 450 ft. @ $400.00/ton ...	750.00
15.	Spikes, bolts, fish plates for track	75.00
16.	Oiler for drill	35.00
17.	16" Ventilation pipe, 300 ft @ $1.75/ft. ...	525.00
18.	Mine lamps, electric, 6 @ $15.00/ lamp	90.00
19.	Mine axes, 2 @ $9.00/each	18.00
20.	Mine picks, 6 @ $6.00/each	36.00
21	Mine shovels, 6 @ $6.00/each	36.00
22.	Mine saw, one	18.00
23.	8-lb sledge hammer, 2 @ $7.00/each	14.00
24.	Pipe wrenches	27.50
25.	Mine wedges, 10 bundles @ $3.50/bundle	35.00
26.	Mine ladders, 12 @ $10.00/each	120.00
27.	Pinch bars, 2	7.75
28.	Brace with 5/8" bit for wood	13.75
29.	4' by 6' by 1/8" turn sheets, @ $24.00/each	72.00
		$7900.50

d. Operating equipment. In view of the fact that the project is expected to be completed within 4 to 5 months, it is proposed to buy the second hand equipment whenever possible. However it is expected that the equipment shall be in a good working order and at the end of the project to have the net salvage value of 60% of the original cost. The prices given below should be taken as a close guide for the reason that the second hand equipment that is avaiable now may not be available later in the spring or early in the summer.

	To purchase	Provided by Applicant	
1. 250 cfm portable air compressor, gas	$4,000.00		
2. Air leg drill ...	1,100.00		
3. Stoper ...	1,000.00		
4. 3/4 ton pick-up ...	3,000.00		
5. Front end loader ...	3,500.00		
6. 2 ton mine hoist, gas ...		$1,500.00	
7. 2KW Light plant with 2 lamp charger ...	500.00		
8. Fan, air driven ...	250.00		
9. Submarine with fittings ..	140.00		
10. Single deck cage		125.00	
11. 24" sheave wheel with shaft and bearings		100.00	
12. ½ ton hand winch with ¼" cable		90.00	
13. 25 lb. rail bender ...	90.00		
14. Mine car, 16 cf. ...		75.00	
15 Mine timber truck ...		75.00	
	$13,580.00	1,965.00	$15,545.00
60 % Salvage ...			9.327.00
		Cost	$6,218.00

e. Initial rehabilitation and repairs. The extension of the head frame is the only rehabilitation required. Inasmuch as this work is tied up with the installation of of the cage guides, the required material was included in " c " and the labor in " b " of this Item #7.

f. New buildings, fixtures, installations. 14' by 18' combination hoist and compressor building to be of a light frame structure type. See "Plan of Exploration" map, Elevation D-D.

Leveling the ground	$ 85.00
Structural lumber 800 BF @ $150.00/1000	120.00
Wood sheathing, 1200 BF @$125.00/1000	150.00
Building paper, 11 rolls @ $5.50/roll ..	60.50
90-lb composition roofing and siding, 11 rolls, @ $7.50/roll	82.50
8d and 16d nails	12.00
Labor. 6 man-days @ $40.00	240.00
	$750.00

g. Miscellaneous. No repairs of the operating equipment is forseen. The maintenance - gas and oil - is included in the " c " - Operating materials and supplies. Analytical work - the vein material is a mineralized quartz, occasionally silicified dolomite near the walls, the ore thus is of a highly siliceous nature. The Anaconda Co's smelter at Anaconda, Montana accepts such ore without a charge for smelting and pays for gold, silver and copper content and for the silica above 70% of free silica.

For this reason the Applicant proposes to use the bulk method of sampling, instead of a chanell or grab sampling at intervals. That is, all vein material taken out in driving the drift or the raise will be shipped to the smelter, and the value of ore for a respective interval of the workings will be indicated on the assay map. As indicated at the bottom of the shaft, one foot of advance will yield 2.5 - 3 tons of ore, and the shipment of samples will be made at about 10-12 foot intervals of the advance.

Accounting is included into the duties of the supervisor.

Workmen's compensation, employees' liability insurance and payroll taxes make up 17.5% of the employees' wages. The services of the Applicant are not included.

17.5% of ($6000.00 2625.00) $1509.50

****

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

February 12, 1974

Mr. George S. Gluck
Ramsay
Montana 59748

Re: New application (silver)
Gluck and Boeh
Montana Lode claims
Beaverhead County, Montana

Dear Mr. Gluck:

I am forwarding your application for OME assistance to our main office in Reston, Virginia. There our legal staff will resolve the questions as to whether you should be listed as partners or as co-locators. I have other questions about your proposal that should be answered eventually but as your property cannot be examined until you return in May, I do not want to delay until then to get your application on record.

You state that your share of the cost will be the furnishing of one laborer plus engineering, geological, and supervision services, and the use of tools costing less than $50.00. You've listed laborer wages at $40.00 per day and supervision at $1,000 per month. Payroll taxes, insurance, and workmen's compensation will add 17.5 percent to the laborer's wages. You expect to need a laborer for 65 days and supervision for 4 months. Supervision and labor, as indicated, that you will furnish totals only $7,055, which is considerably less than your required 25 percent of the total estimated cost of $32,122.

We commonly require more evidence of financial capability than what you have indicated. We are concerned that a successful applicant have funds available to get the project started and continue it for at least 2 months for it generally takes this long before the Operator can receive the Government's agreed-on pro-rata share of the costs.

You have listed the following items with costs as part of the project and most of these must be paid for in part before work can progress very far:

Bulldozing road	$ 494.00
Operating materials and supplies	7,900.50
New building (excluding labor)	510.00
Operating equipment to be purchased	13,580.00
	$ 22,484.50

From this it seems necessary that you have at least some cash; hence we need a statement showing your current financial situation.

The OME program is only thinly funded and the hopes for additional funding in the future seems dim. However, I do want to get your application on record and will hope that funds will be available so that we can give it serious consideration.

Sincerely,

Willard P. Puffett
Field Officer, Region I

cc: DRF
OME/cy of application

Puffett/at

Kirk- I hope this will suffice as a transmittal letter—
Willard

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

May 22, 1974

Mr. George S. Gluck
Ramsay
Montana 59748

Re: OME-6903 (silver)
Montana Lode Claims
Beaverhead County, Montana

Dear Mr. Gluck:

There has been no change in the funding situation for the OME program. Consequently it appears that we cannot continue processing your application.

Unless I learn new information that would indicate we will be further financed, I will not schedule a field examination of your property.

Sincerely,

Willard P. Puffett
Field Officer, Region I

cc: DRF
OME

Puffett/at

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2. APPLICANT'S RIGHTS in LAND.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701
Co-locators and co-owners.

a. The Applicant is the owner of the land by mineral location. There are no liens or other encubrances on the land.

b. The land, consisting of three unpatented mining claims, is located in T 2 S, R 11 W, Principal Meridian of Montana (unsurveyed), in the parts of Sections 2 and 3.

All three claims shall be subject to Government royalty and liens.

The claims are recorded in the Office of the County Clerk and Recorder, Beaverhead County, at Dillon, Montana, as follows:

Claim	Book	Pages
MONTANA LODE	194	733-4
MONTANA WEST	204	463-4
MONTANA SOUTH	204	465-6

No other names of these claims are known.

c. Not applicable.

[illegible]
[illegible] 1974
[illegible]

February [illegible], 1974

[illegible]

Dear [illegible]:

I [illegible] application [illegible]
[illegible]

[illegible] as that of [illegible]
[illegible] to the [illegible]
[illegible] qualification.

[illegible] supervisor [illegible]
[illegible] the application [illegible]
[illegible] signature of [illegible]
[illegible] would meet the [illegible]
[illegible] paragraph.

[illegible]
[illegible]
[illegible]
you may [illegible].

[illegible]

Yours [illegible]

[illegible]

MME Form 40
(Revised Nov. 71)

Form approved
Budget Bureau No. 42-R1368

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O. M. L.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)*

George S. Gluck
Ramsay, Montana 59748

Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER

DATE RECEIVED

REGION

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

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

Co-locators.

STATE IN WHICH FIRM IS ORGANIZED: Not applicable

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Not Applicable		

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

ESTIMATED COST OF PROJECT: $32,122.00

PROPERTY NAME	LOCATION COUNTY	STATE
Montana Lode claims	Beaverhead	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 9, 1974
DATED

Georges Gluck
BY *(Signature)*

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

(submit on accompanying pages)

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 on maps also the relation of the proposed work to any existing mine workings and to *claim 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 and mobilization charge. 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, and materials.

(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).]

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U. M. E.
SPOKANE WASH.

1. Financial Eligibility.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701,
Co-locators and co-owners.

a. Attached are the copies of the Applicants request to the Northwestern Bank, at Great Falls, Montana and to the Miners Bank of Montana, at Butte, Montana for the loan of funds required for the exploration work, and the copies of replies from these two Banks.

b. Not applicable.

c. The Applicant proposes to furnish his share of the cost of the exploration work by providing:

1. Services of one laborer.
2. Engineering, geological and supervision services.
3. Most of items of tools costing less than $50 each and certain items of operating equipment, as indicated in "c" and "d" of Item 7 - "Estimate of Costs".
4. In the event the Government elects the long form of the contract (MME Form 50), the Applicant agrees to pay the expences of the exploration work incurred in the period preceeding the reimbursment by the Govermment on vouchers submitted by the Applicant.

George S. Gluck
Ramsay, Montana 59748

January 22, 1974

Miners Bank of Montana
P.O. Box 249
Butte, Montana 59701

Att: Mr. T.J.Shea, Vice-President

Gentlemen:

I would appreciate very much if you advise me whether or not you will consider my application for a loan in the amount of $28,500.00 to be used for exploration of a silver mining property.

We have 3 mining claims (unpatented) located on the extension of a silver ore vein which, according to certain U.S.Government publications, was yielding in 1870-s siver ore averaging $200.00 per ton.

Last summer we cleaned out and re-timbered an old shaft sunk by the early day prospectors, and we would like to explore laterally for a distance of 200-250 feet the vein exposed at the bottom of the shaft.

We estimate that the proposed work can be performed in 75 working days at the cost as follows:

a. Labor, two miners	$ 7,200.00
b. Equipment (air compressor, drills, hoist, 3/4 ton truck, front-end loader, etc., most of which may be purchased second-hand)	14, 200.00
c. Materials and supplies (lumber, powder, mine rails, gas, oil, small sundry tools, etc.)	7, 100.00
Total	$28,500.00

We take on ourselves to provide one additional surface man and technical supervision.

We will agree to make all initial payments for labor, equipment, material and supplies, and to submit to the Bank bi-weekly vou-

chers for reimbursment of expences, supported by invoices, receipts, transcrips of payrolls, etc.

The Bank will hold the lien on all equipment purchased for the purpose of this exploration.

We expect to extract some ore during the exploration work and to have it shipped to the Anaconda smelter, and would agree to have the smelter to pay to the Bank 10% royalties on all ores shipped to the smelter during the exploration and thereafter until the outstanding loan and the Bank interest thereon are paid in full.

Should the Bank be interested in considering the loan as requested, we will be pleased to give further information the Bank may wish to have.

Yours very truly,

George S. Gluck

George S. Gluck

MINERS
BANK OF MONTANA N.A.
P. O. BOX 249, BUTTE, MONTANA 59701

January 25th, 1974

Mr. George S. Gluck
Ramsey
Montana
59748

Dear Mr. Gluck:

This will acknowledge receipt of your letter of January 22nd, 1974 in which you requested a loan in the amount of $28,500.00 to be used for exploration of silver mining property.

I have presented your application to our discount committee; it was consider by them and due to the high requests for commercial loans at this particular time, we must decline making a loan of this nature for the exploration of silver mining property.

We truly realize that you have been an excellent customer of our bank for many years and this was taken into consideration in our determination, however we do not feel that we possibly can make a loan of this kind at this time.

Yours very truly,

T. J. Shea
Vice President

TJS:ed

George S. Gluck
Ramsay, Montana 59748

January 21, 1974

Northwestern Bank
P. O. Box 711
Great Falls, Montana
59401

Att: Mr. John Pierson, Vice President

Gentlemen:

I would appreciate very much if you advise me whether or not you will consider my application for a loan in the amount of $28,500.00 to be used for exploration of a silver mining property.

We have 3 mining claims (unpatented) located on the extension of a silver ore vein which, according to certain U.S. Government publications, was yielding in 1870-s silver ore averaging $200.00 per ton.

Last summer we cleaned out and re-timbered an old shaft sunk by the early day prospectors, and we would like to explore laterally for a distance of 200-250 feet the vein exposed at the bottom of the shaft.

We estimate that the proposed work can be performed in 75 working days at the cost as follows:

a. Labor, two miners	$ 7,200.00
b. Equipment (air compressor, drills, hoist, 3/4 ton truck, front-end loader, etc., most of which may be purchased second-hand)	14,200.00
c. Materials and supplies (lumber, powder, mine rails gas, oil small sundry tools, etc.)	7,100.00
Total	$28,5000 00

We take on ourselves to provide one additional surface man and technical supervision.

We will agree to make all initial payments for labor, equipment, material and supplies, and to submit to the Bank bi-weekly vou-

chers for reimbursment of expences, supported by invoices, receipts, transcrips of payrolls, etc.

The Bank will hold the lien on all equipment purchased for the purpose of this exploration.

We expect to extract some ore during the exploration work and to have it shipped to the Anaconda smelter, and would agree to have the smelter to pay to the Bank 10% royalties on all ores shipped to the smelter during the exploration and thereafter until the outstanding loan and the Bank interest thereon are paid in full.

Should the Bank be interested in considering the loan as requested, we will be pleased to give further information the Bank may wish to have.

Yours very truly,

George S. Gluck

George S. Gluck

NORTHWESTERN BANK
21 Third Street North, Box 7[illegible]
Great Falls, Montana 59403
406/727 3000

BANCO

January 25, 1974

Mr. George S. Gluck
Ramsay, MT 59748

RE: Loan Request

We have reviewed your letter of January 21, 1974, and would like to advise you that we cannot favorably consider your loan request in the amount of $28,500. The request appears to involve 100 percent financing and the projected repayment would depend on your exploration success which is not specific enough for our purposes.

We appreciate your contacting us relative to the matter. We are sorry we cannot be of assistance.

John W. Pierson
Vice President

km

RECEIVED
FEB 12 1974
O. M. L.
SPOKANE, WASH.

3. PHYSICAL DESCRIPTION.

Applicant: George S. Gluck
Ramsay, Montana 59748
Omer H. Boeh
3110 Wharton St.
Butte, Montana 59701
Co-locators and co-owners.

a. The early day prospectors (of 1870-s and 1880-s) had sunk a shaft and drove a short adit in the ground what is now the Montana Lode claim.

The Applicant had made two dozer open cuts, one cut 24 feet from the shaft in N35°E direction, and the second cut about 100 feet from the shaft in S35°W direction. The presence of the vein was disclosed in both these cuts.

As a further work the Applicant erected a small wooden head frame over the old shaft, cleaned-out and re-timbered this shaft to its bottom, the distance about 45 feet.

The relative position of these workings are shown on the map of the Montana Lode claims (scale - 200 feet to one inch) and on the map of "Plan of Exploration" (scale - 4 feet to one inch). Copies of these maps are attached hereto.

The existing facilities for the further exploration work consist of the head-frame, the rehabilitated shaft and the open cut NE of the shaft, as a transfer point for ore and waste material produced during exploration.

b. Two open cuts and the shaft rehabilitation have been made on the initiative and at the expence of the Applicant.

c. The past production is unknown. There is no current production from the Applicant's claims.

d. There is no known ore reserves in the area to be explored.

e. The sedimentary rocks of the claim area are represented by Cambrian crystallized dolomites and pre-Cambrian Belt Series.

R. Obert ("Geology of the SheepMountain - Gray Jockey Peak Area, Beaverhead County, Montana", 1961 - unpublished Master's Thesis, U. of California at Berkley) describes and correlates Cambrian sediments as Lower Has-mark (Meagher) and Upper Hasmark (Pilgrim) formations.

The lower member, Meagher, 1,125 feet thick, is composed dominantly of white massive dolomite with some interbedded blue dolomite. The upper member, Pilgrim is composed of over 480 feet of dominantly blue, pisolitic and mottled crystalline dolomites. Near the top the upper member consists of alternating blue and white to buff dolomites.

The pre-Cambrian Belt Series are represented here by quartz arenites and conglomerates consisting of well rounded quartz and quartzite pebbles and boulders set in a course to medium-grained quartz sand matrix.

The Cambrian sediments may be described in general as gently dipping eastwardly at 8° to 20° from horizontal.

Two sets of faults are recognized in the area. North-east trending faults contain in their fractures quarz veins mineralized with copper, lead and silver. These faults are cut by a series of post mineral, nearly vertical north-west trending faults.

In the immediate area of Montana Lode claims there are known three sets of mineralized north-east trending faults, along Gray Jockey, Mewonitoc and Forest Lode claims, respectively, and two post mineral north-west trending faults. One of these faults, between the upper and lower members of the Cambrian, is located near the north end line of Montana Lode claim, and the second fault, between Cambrian and pre-Cambrian Belt, is located near the south end line of Montana South Lode claim.

Distribution of sediments and the structural features in the area are shown on the attached map of the claims.

Both fissure veins and the bedding replacement type of deposits are known to occur in the general area of Montana Lode claims.

Two samples of ore, one from the North cut and one from the South cut were sent to the Montana Bureau of Mines and Geology for mineral identification. The presence of galena, cerussite and anglesite, with siler and copper had been reported by the Bureau.

f. There are three mining claims in the area of the Applicant's claims: Forest Lode, Gray Jockey and Mewonitoc. These three claims were patented in November of 1875. The Applicant, upon locating his claims, made a search of U.S. Government publications pertaining to that period. The names of the publications searched and the extracts of revelant information follows:

1. Mineral Statistics West of the Rocky Mountains for the year 1871:

"The Mewonitoc mine appears to be a net-work, or a system of lodes and pockets. In four shafts ore was found from one to four feet wide, an assay of which yielded as high as $410 per ton, average about $200 in silver besides about 40 per cent of lead. Sixty five tons of ore were treated at the Boem smelting works in Argenta.

The Forest - apparently a pocket, four feet wide. The ore resembles greatly that of the Mewonitoc, both in value and general character. The minerals in this claim are quartz, carbonate of lead, galena, blue and green carbonate of copper, silver-copper glance, horn silver, native silver, and a greenish-yellow substance consisting of an oxidized mass of lead, copper, and arsenic, and rich in silver. Thirty tons of ore were hauled to the Boem smelting works in Argenta.

The Gray Jockey - a deposit about 12 feet wide and supposed, with some reason, to be a true fissure vein, is explored by a shaft 20 feet deep. Its dip is perpendicular, or nearly so; the strike is northeast and southwest. Mineralogically the ore resembles that of

the two former mines; it is, however, not so rich in lead and silver. A selected sample assayed $173 per ton."

2. Mineral Statistics West of the Rocky Mountains for the year 1872:

"Gray Jockey - course north and south; width - 14 feet; ore on dump - 300 tons; average assay value - $50 per ton."

3. Mineral Statistics West of the Rocky Mountains for the year 1875:

" The Mewonitoc - has been opened by the shaft to the depth of 160 feet. The ore has been sold at about $150 per ton.

Gray Jockey - has a shaft 50 feet deep, showing the vein to be 18 feet wide."

4. Report of the U.S. Director of the Mint upon the Statistics of the Production of the Precious Metals in the U.S., 1882:

" The Mewonitoc - the ore taken from a fifty foot shaft was sold to the works at Glendale, returns from which showed that it carried 140 ounces of silver per ton, and the pay streak is two and half feet wide.

The Gray Jockey produces free milling ore which saves 30 ozs of silver to the ton by the simplest process, and the pay streak is fully six feet wide."

The Montana and the Montana South Lode claims have been located along the assumed extension of the Mewonitoc vein, on the south-west side of the north-west trending post mineral fault.

Preliminary to the rehabilitation of the old shaft the Applicant made two dozer cuts, previously mentioned. In the north cut there were disclosed few disconnected segments of the vein dipping in the north-westerly direction at nearly 90 from horizontal. The vein material consisted of quartz carrying galena and copper carbonates. The vein material was also opened in the south cut. Here it consisted of a large practically horizontally lying bed of quartz carrying galena. The copper carbonates were conspicuously absent. Both these cuts are located in the area of hard bedrock, and without resorting to drilling and blasting the dozer was found to be of no further use.

Near the shaft there was a platform evidently used for sorting or storing ore. To have a meaningful sample of ore that might have been taken out during sinking the shaft, the Applicant sorted out the vein material from the dump around the platform, about $1\frac{1}{2}$ - 2 tons of ore. Two samples were taken for assay by quartering this material.

In rehabilitating the shaft it was found that the vein was present throughout the shaft. However the proximity of the fault has been evident in the attitude of the walls and of the vein proper.

During the time since the shaft was sunk, may be some hundred

years ago, and filled in with material sloughed from the sides, the surface water has been percolating down the sides of the shaft leaching out the soft oxidized material from the exposed vein.

For this reazon the Applicant considered that the channel sampling of the vein as the rehabilitation proceeded would not yield true information about the value of the vein. However the vein material found in the shaft was sorted from the waste and combined with the ore from the surface dump. At the same time the low grade ore, that is the vein material containing very little or no copper carbonates, was collected and sampled. The copies of the assay reports are attached hereto. There is about 8-10 tons of ore by the shaft sorted ~~by~~ according to the assumed grade.

At the bottom of the shaft on the south side the vein was found to be 6 feet wide, consisting of shattered and leached quartz showing iron oxide coatings along the fracture planes. It is here that the exploration drift is proposed in the south-western direction. The target of the proposed drift is to establish the continuity of the vein and its commercial value. Should the proposed 200 foot long drift reveal the presence of a commercial grade of ore, it would be reasonable to assume its continuity for a distance of 2000 feet southward from the shaft, where the vein may be expected to be cut-off by the fault.

The target for the raise is to establish the presence of the bedding replacement vein above the proposed drift, in addition to providing the ventilation and the safety to the proposed exploration.

g. There is no available engineers reports or assay maps relating to the Montana Lode claims.

Attached to the Item 3 - Physical Description:

1. Montana Lode Claims map.
2. Map - Plan of Exploration.
3. Two reports of Montana Bureau of Mines and Geology: Mineral Identification 13106 and 13254.
4. Two Assay Reports on three ore samples.

Field no.	Lab no.	Description	Oz. per ton Au	Oz. per ton Ag	% Cu	% Pb	% Zn	%	%	%	%	%	%
	1		0.015	35.8	~~1.9~~			} Montana Lode					
	2		0.010	56.3	0.95	36.6							
		Mr. George Shenk		12/12/69		-69							
		Jones & Lawson		Don C. Lawson									
		Charges $12.00	Paid	12/11/69									

FRANK P. JONES
902 Zarelda
Phone 792-3461

JONES & LAWSON

Butte, Montana

DON C. LAWSON
2909 Phillips
Phone 792-3549

Sample No.	DESCRIPTION	Date	Oz./T. Gold	Oz./T. Silver	% Copper	% Lead	% Zinc	%	%	%	%	%
74	George Gluck	8/9/72		6.5	0.25	2.65%						
					Charge		$9.50					
					8/9/72							
					Don C Lawson							
					Paid							

Mineral Identification 13106

MONTANA BUREAU OF MINES AND GEOLOGY

BUTTE, MONTANA 59701

September 7, 1972

This specimen
from Hoth Cut

Mr. George Gluck
Ramsay, MT 59748

Dear Mr. Gluck:

The specimen is high-grade lead ore, which is a mixture of galena, lead-gray anglesite, and a minor amount of cerussite as tiny colorless crystals in several vugs. Strong tests for silver were obtained, and also very spotty weak tests for copper.

The silver tests were obtained from both the galena and the anglesite. This is high-grade lead-silver ore.

Sincerely,

Don C. Lawson

Don C. Lawson
Field Agent

Enclosures

9/6/72

THE BUREAU OF MINES AND GEOLOGY WAS ESTABLISHED BY LAW IN 1919 TO PROMOTE EFFICIENT DEVELOPMENT OF MONTANA'S MINERAL RESOURCES BY GATHERING AND PUBLISHING INFORMATION ON THE GEOLOGY, TOPOGRAPHY, AND MINERAL DEPOSITS OF THE STATE, INCLUDING METALS, NON-METALS, COAL, OIL, GAS, AND UNDERGROUND WATER SUPPLY.

Mineral Identification 13254

MONTANA BUREAU OF MINES AND GEOLOGY

BUTTE, MONTANA 59701
August 27, 1973

This specimen
from South cut

Mr. George Gluck
Ramsay, Montana 59748

Dear Mr. Gluck:

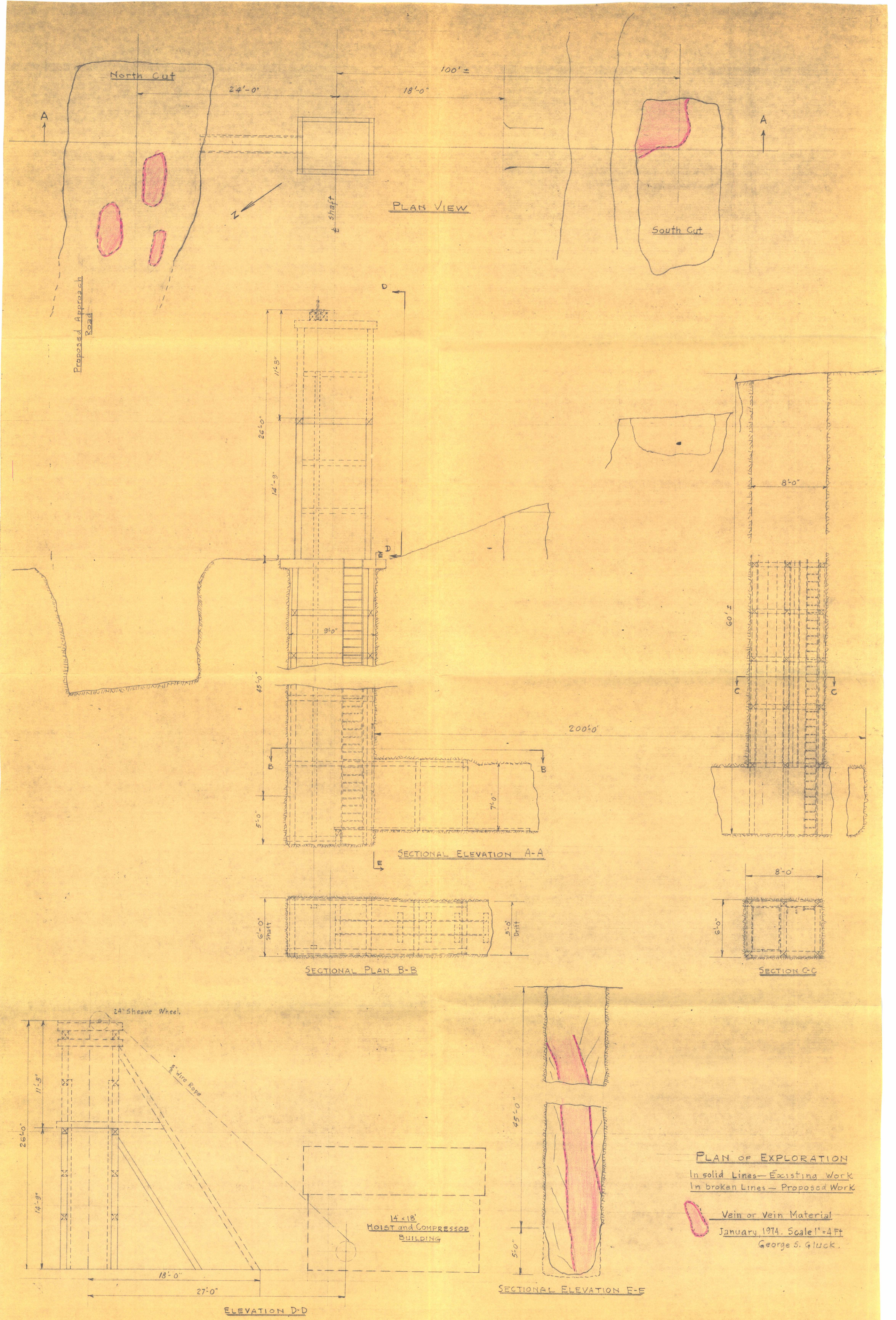
Specimen 40-6 contains quartz (silicon dioxide) and blebs of gray-black galena and its soft gray alteration products. Tests for silver were obtained also, but not strong enough to suggest high-grade silver ore. The material seems to be a fair grade of lead-silver ore.

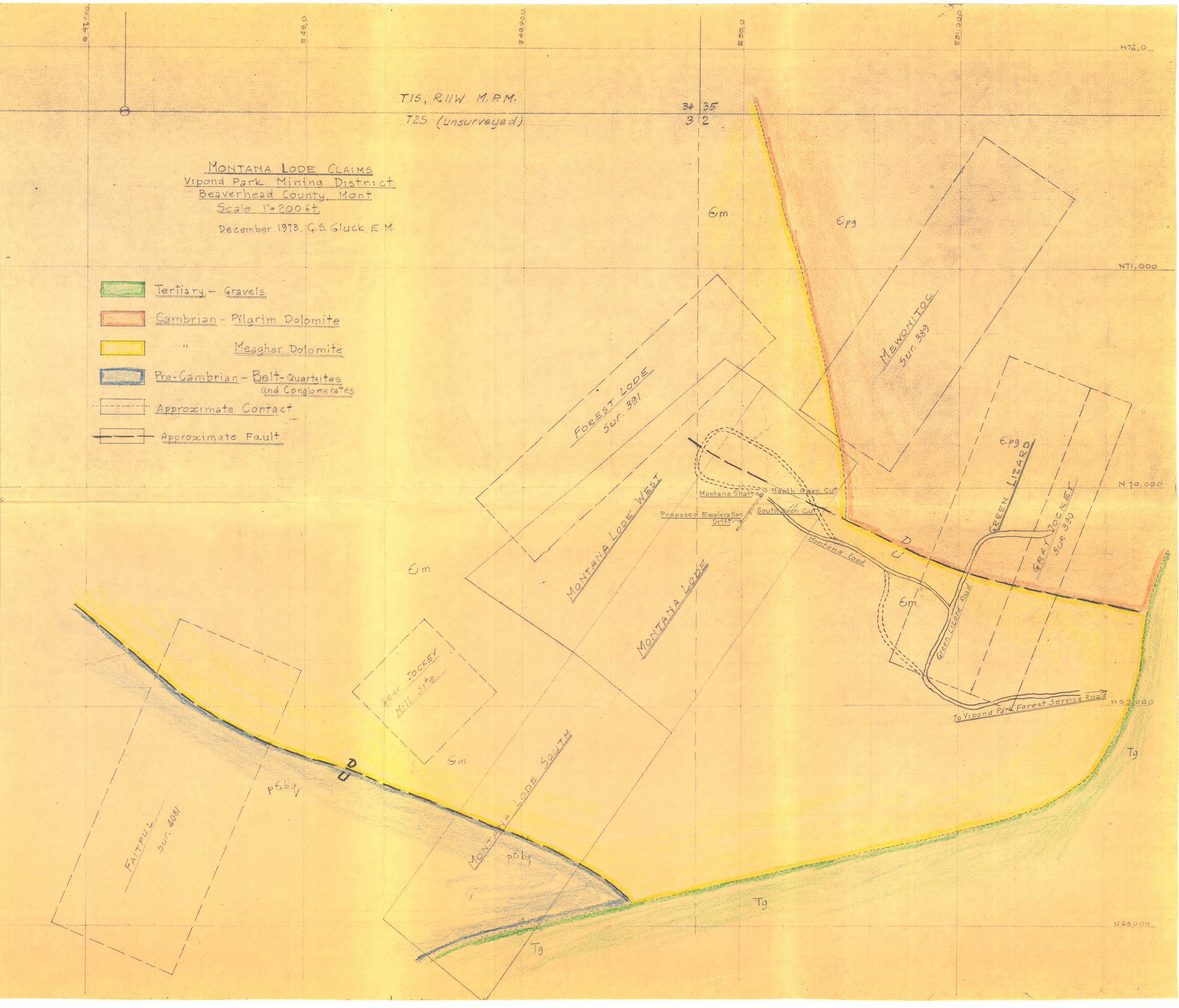
Sincerely,

Don C. Lawson
Field Agent

Enclosure

8/7/73


North Cut
24'-0"
18'-0"
100' ±
A
A
South Cut
N
℄ shaft
PLAN VIEW
Proposed Approach Road
D
D
11'-3"
26'-0"
14'-9"
9'-0"
45'-0"
5'-0"
7'-0"
B
B
200'-0"
SECTIONAL ELEVATION A-A
E
6'-0" Shaft
5'-0" Drift
SECTIONAL PLAN B-B
8'-0"
60' ±
C
C
8'-0"
6'-0"
SECTION C-C
24" Sheave Wheel.
3/8" Wire Rope
11'-3"
26'-0"
14'-9"
18'-0"
27'-0"
14' x 18'
HOIST and COMPRESSOR BUILDING
ELEVATION D-D
45'-0"
5'-0"
SECTIONAL ELEVATION E-E
PLAN OF EXPLORATION
In solid Lines— Existing Work
In broken Lines— Proposed Work
Vein or Vein Material
January 1974. Scale 1" = 4 Ft
George S. Gluck.


MONTANA LODE CLAIMS
Vipond Park Mining District
Beaverhead County, Mont
Scale 1" = 200 ft.
December 1973, G.S. Gluck, E.M.
Tertiary - Gravels
Cambrian - Pilgrim Dolomite
" Meagher Dolomite
Pre-Cambrian - Belt - Quartzites and Conglomerates
Approximate Contact
Approximate Fault
T1S, R11W. M.P.M.
T2S (unsurveyed)
34 35
3 2
E 47,000
E 48,0
E 49,000
E 50,0
E 51,000
N72,0
N71,000
N70,000
N69,000
N68,000
Em
Epg
MEWOHITOC
Sur. 389
FOREST LODE
Sur. 391
MONTANA LODE WEST
MONTANA LODE
Montana Shaft
North Open Cut
South Open Cut
Proposed Exploration Drift
Montana Road
GREEN LIZARD
GRAY JOCKEY
SUR 390
Green Lizard Road
To Vipond Park Forest Service Road
GRAY JOCKEY
Mill Site
MONTANA LODE SOUTH
FAITHFUL
Sur. 4081
pЄbq
Tg
D
U