DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4552

Application (Denied
(Withdrawn
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
✓ Leases and assignments of leases
✓ Application and attachments
(3) ✓ Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order) Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9779

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
NOV 26 1956
D.M.E.A.

November 19, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: New application (Tungsten)
New York Mining Company, Inc.
New York Mines
Idaho County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application for aid to explore for tungsten at the New York Mines also known as the Shamrock Group of claims in the Ten Mile Mining District, Idaho County, Idaho.

This application was delivered to the Spokane Survey Office personally by Mr. Gus Darland, manager of the New York Mining Company. In reviewing the application with Mr. Darland, it was pointed out that the amount of the proposed trenching appeared to be so excessive as to border in part on prospecting; that his cost estimates were neither summarized nor totalled; and that no mention was made of the qualifications of the person to be in charge. Mr. Darland promised to send us a statement on the qualifications of their superintendent.

As a field examination will have to be made to determine whether or not a program could be approved, the application was accepted in its present form. When the property is examined, the fieldmen can discuss possible alternative programs with the company's representatives in the field and can straighten out the presently confused cost estimate if a program is to be recommended.

By Field Team, Region I, NW District

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

Wing G. Agnew
Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures
cc: USBM(2)
Geologist

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED NOV 15 1956 U.S. SPOKANE

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4552
Metal or Mineral Tungsten
Date Received 11-26-56
Estimated Cost Total Not given
Participation (Government %)

RECEIVED NOV 26 1956 D.M.E.A.

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: NEW YORK MINING COMPANY, INC.
Dr. John Patterson, Pres., Stuenberg Bldg., Caldwell, Idaho
Gus Darland, 412 Diamond, Nampa, Idaho (Business Mgr.)
W. E. Price, Sec., Box 488, Nampa, Idaho

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract
See Maps attached

(*b*) State any mine name by which the property is known. NEW YORK MINES

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
Purchase Agreement (attached)

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Purchase Agreement Attached

(*e*) If you own the land, describe any liens or encumbrances on it
Purchase agreement only

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. list attached

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. Ex 6-D item 4th

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Eng report Al Lynch attached

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. Blaine Hanks, Al Lynch + Sheenan + Reed, reports,

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. Al Lynch, report

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
All available at Property.

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore TUNGSTEN

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 90 days and be completed within 24 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). NONE

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? YES

(*b*) How do you propose to furnish your share of the costs?

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper. Complete Camp & Equipment except items listed in Exhibits 6B + 6F

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.

Dated 11/13, 1956

New York Mining Co Inc
(Applicant)

By W E Price, Sec

Box 931

Nampa Ida

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

DEFENSE MINERALS EXPLORATION ADM.

Spokane, Washington Washington D.C.

RECEIVED NOV 26 1956 D.M.E.A.

Exhibit 6-B

Numbers rates of wages for supervisors and consultants. Three men..... General Manager -- $500 per month. Foreman of all underground and surface exploration, under supervision of consultant and General Manager -- $400 per month. Consultant for year, 1 year $1200.

6-C

List of operating materials and supplies and equipment costing less than $50 each. Water, timber and power. No cost for water. No cost for timber. No cost for power. Cutting and hauling of timber for wood. Thirty-six sets for portals and timber for building foundations, also stulls in stopes $1900.00

2000 gallons fuel oil for Bull Dozer @	360.00
100 gallong of #20 motor oil for Bull Dozer @ 90 ¢	90.00
120 lb. drum grease general purpose for all equipment.	17.50
20 gallons Hydralic Fluid for Bull Dozer. .	28.00
4000 gallon compressor fuel for 1 year's operation @ 30 ¢ Del..	1200.00
80 gallons oil for compressor for 1 year operation @ 90 ¢.	72.00
Special compressor oil for 1 year operation	20.00
1200 gallons of gasoline for trucks, jeep, and misc. @ 30¢	360.00
40 gallons of #20 motor oil for 1 year trucks and jeeps.	36.00
60 gallons S.A.E. 90 for transmission on Bull Dozer, trucks, and jeep.	54.00
Powder 40% 6 tons @ $31.25 per cut	3750.00
Blasting caps 1000 del.	35.00
Fuse 1000 ft.	18.00
Elect blasting capes. This is an overage including instantanious & delay caps. 2750 @ 24 ¢ each.	660.00
Welding Rod 25 lbs.	7.50
Solder & paste 5 lbs.	8.75
2" pipe 420 ft. @ 65¢. Delivered at mine.	273.00
200 ft. 1" pipe @ .33	66.00
200 ft. 3/4" pipe @ .22	44.00
200 ft. ½ " pipe @ 1.17	34.00
6-2" coupling .80¢	4.80
6-2" l's 1.25	6.25
6-2" T's 1.75	10.75
4-2" plug's 50¢	2.00
4-2" caps 75¢	3.00
6-2" to 1" red T's 2.10 ea.	12.60
6-3/4" couplings 25¢	1.50
6-1" couplings 35¢	2.10
4-2" unions 1.00	6.40
4-1" unions .80¢	3.20
4-3/4" unions .73	2.92
6-½" unions .64	3.84

1-Operating equipment -- rented, purchased, or owned.

Deisel HD - 7 - Cat Bull Dozer W - 100.00 per day, including cat operator and helper, all repairs and fuel - 8 hours--20 days on open cuts @ 100.00 per day.

Total $2000.00

Compressor and tugger, 1 year @ 350.00 per month, including all repairs and hose for open cuts and under-ground operations. . . $4200.00

2-Bull Dozer opening up adits for escape, air working entry. 100.00 per day for 6 days..... $600.00.

Rental on Jack Hamer's drifters and steel - 100.00 per month, 12 months - $1200.00

Use of 4-wheel Drive Truck for 1 year @ 100.00 per month - 1200.00

Use of 4-wheel drive jeep @ 50.00 per month - 600.00.

Use of welding and cutting equipment, including blacksmith shop tools, and [redacted] - @ 25.00 per month, for 1 year - $300.00.

Use of new Home lite power timber saw, 20.00 per month, 1 year - wood and timber also Clearing ahead of Dozer - 240.00.

[redacted]. includes labor, repairs, and fuel. Not powder caps or fuse.

3-bull Dozer operations on open cuts, on account of steep terrain, and heavy timber and underbrush. Will also require some blasting in cliffs and rocks, 300 ft. per day - 20 days, @ $100.00 per day. Includes supervision cat. operator and helper. These cuts shown on claim map, are to expose scheelite on surface above where we have found float and some in open cut in place, as shown on map. 20 days @ $100.00 per day - $2000.00. This does not include powder and caps and fuse which comes under Misc.

4-Bull Dozer operations for 6 days @ 100.00 per day opening up adits #'s 3, 4, 5, 6, 7, & # 11. Includes all labor and fuel. No powder, caps, nor fuse. Opening these adits, gives good access to operations for exploration and escape. Also good clean air. Some stopes above #5 tunnel adit are narrow and require crawling on stomach's to get through. So by opening these adits which are caved at face, will give us good access to all operations and exploring, From the outside, without crawling up from inside, tunnel #'s start at bottom, # goes up to #-11 @ top.

5-compressor and equipment @ 350.00 per month. Includes attendant and hose slusher and air hoist.

6-300 ft. of raises, includes all labor, timber, powder, fuse, caps. Size 4 x 12 @ $55.00 per ft. - $14500.00.
1st raise as shown on map at jct. on main #1 level, 1st scheelite shown
2nd raise at south end of New York vein in main tunnel

7-300 ft. of latteral drifting @ 31.00 per ft. 5' x 7' $9300.00. Includes all labor, timber, powder, fuse, and caps.

These short drifts on vein are to determine latteral extension's of scheelite vein showing in raises.

8-250 ft. cross cuts, 5 x 7, to tap scheelite, showing in place between and below present level 31.00 per ft. Includes labor, timber, powder, fuse, and caps. $7750.00

This cross cut would also cut across dyke at lower depth, where scheelite shows up also underneath where float shows up on surface in several places, which is explained in letter attached hereto.

6E - Continued.

10-½" couplings	15¢	1.50
20-½" T's	27¢	5.40
20-½" L's	20	4.00

Shower Head and faucets 2nd -	$10.00
Assorted ½" nyiples	3.60
1 mixing faucet set 2nd	10.00
4 single faucets @ 1.35	5.40
2 small sinks	17.00
1 double sink	12.95
2 goose neck traps 3.25 ea.	6.50
1 double continuous Waste Trap	7.00
1 hot water tank	140.00
Black smith coal 200 lbs.	5100
Galvanometer	31.00
Elect Blasting Unit 50 hole	65.00
1 year's supply of oxy- 6 sets of tanks @ 13.00 per set	78.00
50 ft. tire air hose	5.95
1 tire air gauge	8.75
2 double bited axes 6.50 ea	13.00
1 ady.	5.50
1 wheel barrow	27.00
6 Miners #2 shovels 3.50 ea.	21.00
2 cartons 48 - 100 watt bulbs	10.56

6-F

New Building's detail list of material:

1 building, housing compressor and shower, change room 12 x 24 ft.
1 timber shed - 3 sides only - 10 x 24 ft.

List of equipment and supplies as follows: Labor on these 2 buildings is included under Misc. Labor 6-G.

1 x 12 rough siding	1000 ft.	
1 x 6 rough sheeting	500 ft.	
2 x 6 rough joists and rafters	500 ft.	
1 x 4 rough batons	500 ft.	
flooring	500 ft.	
2 x 4	1000 ft.	
Total of rough Lbr.	3500 ft.	
at 50.00 per thousand Del. -		175.00
500 ft. flooring @ 80.00		40.00
500 ft. of coomet wiring		45.00
12 weather sockets		4.20
12 wall plugs		7.20
6 roles tape (large)		3.00
2 botes staples		1.00
12 wall boxes		4.20
12 ceiling Ceeptades		7.80
2 passage door sets 2.75		5.50
3 sets door hinges 1.00		3.00
4 2 x 3 sash 3.50		14.00
2 2⁸x 6⁸ doors 8.00		16.00
1 year supply nails		
1 keg - 8 box		16.50
1 keg - 16		16.50
1 keg - 60		16.50
1 keg 5/16 x 8 spikes		17.50
44 sheets 26" x 12 ft. aluminum foofing.		156.00
Aluminum nails		12.00
25 lbs. bucket tar for roof patching.		6.00

Exhibit 6-E

Rehabilitation and repairs of all building and equipment.

1- Cook house, floor covering, ceiling inside, porch - and new stove $350.00

2- Bunk house, 10 new bunks and mattresses. New outside toilets, ceiling inside, porch outside, floor covering. $450.00

3- Ford 4-wheel drive 3/4 Ton truck. Transmission repair, new tire caps, chains - $250.00

4- Jeep, repairs. Mostly body and new windshield, heater and windshield wipers. 150.00

5- Cat. Bull Dozer repairs. Hydraulic piston repair. New roler and engine overhaul $350.00

6-G

1- Misc. equipment and Misc. labor.

Man and wife. Cook and Bull cook. 1 year @ 200.00 per month each $4800.00

2- Mechanic and blacksmith @ 16.00 per day approx. $350.00 per month - 1 year. $4200.00

Bull Cook will fill in for carpentering and mechanic helper.
Carpenter for new building will be taken care of for labor out of this amount.

3- Underground drillers and helpers.
2 - Driller @ 16.95 per day $5085.00, 1 year.
2 - Helper's @ 15.95 per day $4785 00.

NEW YORK MINES, INC.

Office of the Secretary

P. O. Box 931
NAMPA, IDAHO

RECEIVED
NOV 26 1956
D.M.E.A.

(6 b) Contingencies

Liability Insurance	$3500.00
General Insurance	800.00
Pay roll taxe	1700.00
Total	$ 5700.00

W E Price
See

DEFENS[illegible]INERALS EXPLORATION ADM.

Spokane, Washington Washington D.C.

Exhibit

#1 RAISE: To explore a strong showing of Scheelite occuring in the footwall of the New York vein about 70 feet from where vein is tapped by Cross-cut in #1 tunnel. This showing may prove to be an extensive ore body, as it occurs in a fault whose plane is Northeast-Southwest, and which intersects the New York vein about 40 feet South of where stopping operations were started at the South end. At that point, a short cross-cut was run in the footwall for an ore pocket. This crosscut exposes several strata of scheelite which appear to run parallel to the New York vein, at that point. From that point Northward, the footwall has not been tapped in #1 tunnel.

#2 RAISE: Another showing of scheelite occurs in #1 tunnel in dike material where the New York vein is intersected by what engineers pronounce to be a post-mineral dike.

Supposition: A body of scheelite ore lays beneath, and running approximately parallel to the New York vein, from proposed site of #1 raise to #2. #1 Raise would be in footwall material - #2 Raise would be in dike material. Briefly stated, this theory is based on the assumption that main tungsten values occur on the footwall side of the New York south of the post-mineral dike, and on the hanging wall side northward from that point. That theory is substantiated by surface indications in these respects: (1) Scheelite float occurs on the surface, near the uppermost workings of the New York vein (#11). At a lower elevation and eastward from that point, the formation is cut by a road running east and west. In the vicinity of the apex of the New York vein the overburden is deep, but eastward the formation is hard and is exposed by the road. At a point 3 or 400 feet easterly of the apex, a hard highly mineralized strata, under the blacklight shows minute particles that fluoresce a yellow or golden color. The formation changes to a gneissoid structure to the east of that strata. Small pockets of pure scheelite have been found in that and bulldozer operations above that point, have exposed float carrying scheelite values. Any of this formation, when panned, shows a long tail of heavy mineral that fluoresces as powellite, and down the hill near creek level in a southwesterly direction from that point, there are scheelite indications.

The topography affords an excellent opportunity to explore the extent of tungsten values on the hanging wall side of the New York vein, by means of a crosscut. The crosscut would begin at a point that is easterly from, and at a lower elevation than the adit of #1 tunnel and driven in a northwesterly direction.

Such an operation would permit exploration of a scope of ground whose surface indications are favorable towards such a crosscut exposing an extensive body of tungsten ore of considerable length and breadth. As concerns depth, the tungsten showing in the New York ledge itself, serves as proof that tungsten values in that area can be expected to be deep seated, for the lowest tunnel in the New York workings shows the continuation of scheelite at several places in the bottom of the drift.

NEW YORK MINING COMPANY, INC.

Al Lynch
Mining Foreman

NEW YORK MINES, INC.

Office of the Secretary

S - P

P. O. Box 931
NAMPA, IDAHO

NEW YORK MINES COMPANY, INC.
COEUR, IDAHO

NEW YORK MINES CLAIMS 1 to 10 incl. recorded in county recorders office, Idaho County, ten mile mining district, State of Idaho

1	book	65	page	503
2	book	65	page	504
3	book	65	page	505
4	book	65	page	556
5	book	65	page	557
6	book	65	page	558
7	book	75	page	111
8	book	75	page	113
9	book	75	page	114
10	book	75	page	112

Unpatented claims

W E Price
Sec

NEW YORK MINING CO., INC.

Fall Creek Station, Golden, Idaho

LOCATION

A

4-A The property is located in the northern part of Idaho County, of which Grangeville is the County Seat, and also the nearest railroad shipping point. It is the Ten Mile Mining District, near the head of Fall Creek in Section 24, Township 27 N., Range 7, E.B.M.

4-D The all year highway from Grangeville to Elk City affords excellent transportation facilities to Fall Creek Station, from which point the property is reached by a private road. (5 miles) Highway distance from the mine to Grangeville is 35 miles; to Elk City 15 miles.

DESCRIPTION OF CLAIMS

B

The property consists of 14 Quartz Mining Claims covering about 280 acres, known as the Shamrock group, and so named because of the pattern in which they are situated.

TITLE

C

Title was acquired by H. W. White by making valid Quartz Mining Locations on the Shamrock group in 1931. Title has been maintained to the present date by complying with all State and Federal mining regulations since date of location, and by keeping the property free of liens and other encumbrances. On June 17, of 1955, a partnership, consisting of W. C. Randolph, R. O. Randolph, W. H. Baxter, Herbert Hartwell, Gus D. Darland, and A. J. Lynch, entered into a Purchase Agreement with H. W. White and Helen White, whereby H. W. White and Helen White, agreed to sell to the partnership, the Shamrock Group of mining claims and title to the claims was placed in escrow in the First Security Bank of Grangeville, Idaho pending fulfillment by the partnership of the terms of the Purchase Agreement. On October 12, 1955, the partnership, W. O. Randolph, R. O. Randolph, W. H. Baxter,

Herbert Hartwell, Gus D. Darland and A. J. Lynch, sold to the New York Mining Company, Inc., all rights and interests held by them in the Shamrock Group of mining claims, along with all mining, milling, and other equipment owned by them, on the property at the time of sale.

D. TERMS

New York Mining Company, Inc., paid W. O. Randolph, R. O. Randolph, W. H. Baxter, Herbert Hartwell, Gus D. Darland and A. J. Lynch the total sum of $35,500 in stock (325,000 shares) and a total cash payment of $3,500 in the form of 90 day notes, [redacted] after completing the payments to H. W. and Helen White on Purchase Agreement, the balance of which is assumed by the New York Mining Company, Inc.

Amount and Terms of Payments due H. W. and Helen White

H. W. White and Helen White will receive 10% royalty on all metals or minerals recovered, (said payments to be based on Mint or Smelter receipts) until the balance of $49,500 has been paid them. They are to receive a minimum payment of $1,500 a year in 3 payments of $500, all payments to apply to purchase price. Title to the Shamrock Group will be delivered to the New York Mining Company, Inc., when the balance of $49,500 has been paid to H. W. and Helen White. All Deeds, Bills of Sale and other contracts pertaining to the transactions are in escrow in The First Security Bank of Grangeville, Idaho.

E Nature of Mineral Deposits

The known valuable minerals are in lode form and are chiefly, gold and tungsten. The gold occurs both in a free milling state and as a base ore. The tungsten values are in the form of Scheelite, which is one of the two most important ores of tungsten.

F. History

The property has never been worked for anything but its gold values and for the most part, all of the exploration, development and production, has been confined to the original New York Claim, located by

Fred and Charles Smith, in 1909.

Authentic production records are not available prior to 1934, but estimates of total production up to that year are $394,000. The mine has not been on actual production since last operated by H. W. White, whose records show that from 1934 to 1937 he milled 2,396.58 tons of ore, from which he recovered $62,597.97, an average of $25.975 per ton. His last shipment was to the smelter in 1938. Settlement sheet for the mixed shipment of crude ore and concentrates, shows a total weight of 48.262 tons, having an average gold content of 2.345 fine ounces and 1.688 fine ounces of silver per ton, for which the gross settlement was $3,219.18.

By examining the character of the ore and the milling methods used, and by actual records, engineers state that the average recovery of gold values could not have exceeded 65% of the total. White operated profitably in spite of that loss as well as not recovering any tungsten values, and did not stop operations for lack of ore but because of ill health.

C. Development

Past records show a total development on the Shamrock group to be 3,625 feet, 2915 of which are drifts and crosscuts, and 710 feet of raises and no shafts. With the exception of about 200 feet of crosscut in the original "Georgia" claim and about 200 feet of crosscut in the original "Mississippi" all of the work was done on the New York claim. The strike of the New York ledge is almost North-South and the dip is Easterly at from 25° to 45°. The ledge is intersected on the North by a dike and is on the north side of Fall Creek Canyon which at that point runs East-West. These topographic features largely account for methods used in past mining operations, for there is a total of 11 tunnels in the hillside in a distance of not more than 600 feet on the surface, from the apex to the lowest tunnel. The portals at least, of the oldest tunnel are caved but the lower one (through which all operations of extracting the ore from above will be conducted) is well con-

creted at the portal and is in excellent condition throughout.

H. EQUIPMENT AND IMPROVEMENTS

The mine is equipped with a good track the full lenth of the lower tunnel as well as a track to the mill and waste deump, and there are two ore cars. There is air line from the portal to within 40 feet of the face--also some air line extending into the stopes and there are two air receivers--one in the mine and one at the portal and also pressure tanks for drilling water. There are two drilling machines (heavy jackhammers) and some miscellaneous drill steel.

I.

Additional equipment to the mill since the mine was on production, includes a 50 ton ball mill, which replaces the 5 stamp mill used by White. A 110 H.P. Deisel-electric power plant, which replaces the Felton Water Wheel that was White's sole source of power for milling operations. The water power system is still intact and can be used to run the generator during the spring and early summer months by shifting the driving helt from deisel engine to the Felton Wheel pulley. Also included in additional equipment to the mill, is a 75 ton Sub-A flotation cell, which will be needed for efficient recovery of gold values from base ore as well as recovery of tungsten values.

Pelton?

Building improvements include a 24 x 36 repair shop with a concrete floor with a built-in track and Blacksmith shop with forges, anvils and tools, a 30 x 40 bunkhouse with concrete floor and smaller building 14 x 20 originally planned for an assay office, but is being used as cook house at present time.

J. PRESENT PLANS

Milling

As concerns milling, present plans are to rehabilitate the mill and install what additional equipment that will be required to effect an efficient recovery of gold and tungsten values.

K. Mining

The general status of the lower working would permit almost immediate

production. Tunnel repairs will consist chiefly, of minor track repairs, installation of chute sets for a new chute from which to open a new stope on the north end of the ledge and one on the south end. From those points, stoping operations will be started as soon as the mill is ready to handle ore. Where high tungsten values occur, the stopes will be widened to exploit the ore, but where gold values predominate, stoping in the end stopes will be conducted primarily for the purpose of using them for ore passages from the uppermost workings. For that reason proper alignment and sufficient width to accomodate slusher operations to good advantage, will determine the width of the stopes rather than the extent of ore being the determining factor. When this is accomplished, the pitch of the ledge, in conjunction with the general character of the hanging wall will permit beginning at the top, the removal of all ore left in past operations without creating a hazard on lower levels. This system will provide comparatively cheap tonnage and should offset the much lower material and labor costs enjoyed by past operators. Higher efficienty of general mill operation and particularly grinding, should make the total cost per ton of ore treated, less than in 1938. The fact that tungsten values occur in the same vein matter as gold, as well as a higher gold recovery in milling operations, will have an important bearing on what constitutes profitable ore, as compared with metal prices and mining and milling practices in all previous operations of the property. Considering these factors, sufficient tonnage should be derived from the old workings to supply milling ore for an ample period of time in which to carry on exploration and development work. Present intentions are to conduct exploration work in, or about the lower tunnel rather than to tap the New York ledge at a lower depth. Present metal prices as well as future outlook, serve to dictate the exploitation of ore bodies where tungsten values predominate and hold the gold ore bodies in reserve for future and larger operations at lower depths.

A strong showing of scheelite occurring in the lower tunnel and con-

siderable distance into the footwall from the New York ledge, offers good possibilities of developing into a sizeable orebody. Another showing of sheelite occurs to the north of the New York ledge in the lower tunnel. This showing is in the dike material and both will receive immediate attention as soon as exploration work is started. Also in the exploration program is the continuation of the lower tunnel, for two purposes; 1. (to pick up the north part of the New York ledge, for past engineers' reports pronounce the dike as post mineral and stated a good possibility of there being a continuation of the New York ledge on the north side of the dike;) 2. After examining the property in 1938, A. G. Kirby reported that by driving north, a distance of 500 feet from the face of the lower tunnel, an East-West lead he named the "Ontario", would be tapped and pronounced it to be one of the strongest leads in the district. Since then bulldozer operations on the surface, northeast of that point have exposed a strong easterly-westerly lead, and if Kirby was correct both as to continuation and distance, that orebody could be tapped by driving 365 feet from the present face of the lower tunnel. In that event there would be a distance of at least 600 feet to the surface and an orebody that has never been exploited or explored.

-- CONCLUSION--

In conclusion to this paper the evidence past and present shows great milling and mining possibilities and that we have a good tonnage of tungsten (ore of scheelite) and gold plus some silver in the present vein system to commence milling as soon as proper milling equipment can be installed and that the New York Holdings will give good returns from present development.

I consider Mr Lynch report very factual and the result of a great deal of study and experience on the Ground — B Hawkes

A J Lynch
OK

H-C

REPORT ON NEW YORK MINE-SHAMROCK GROUP

This is a report on the New York Mine-Shamrock Group of fourteen mining claims, full description of which is given on the following pages.

The New York Mine constitutes a small area of large mineralization and is practically the only development on the fourteen claims of any consequence.

I have placed in the back of this report all of the detailed information I was able to find in the short time at the mine. This examination was decidely limited as to time. We left Boise at four o'clock Sunday morning, and reached Fall Creek below the mine at 11:oo A.M. The dozers had not completed the road into the mine and we left Monday morning to try and make the trip, arriving in the New York tunnel in the afternoon. On Tuesday morning we went underground and spent the day there, and Wednesday morning, and Wednesday afternoon were notified we were leaving that afternoon, and returned that day to Grangeville and the next day to Boise, Thursday.

It was understood before leaving here that this report was entirely preliminary; snow conditions and the time element and the weather made it necessary that it would be very short. Only the New York adit was accessible with six to eight feet of snow all over everywhere and no dumps or surface showing of any kind. The New York mine has eleven levels, and they are numbered from the bottom up, which reverses the usual order, starting with No. 1 below. They are presumably fifty feet apart, all on the incline of the vein and driven through ore the entire distance to the surface. The veritable distance from the surface to the number 11 level is said tobe 430 feet. I reached the point where No. 3 was supposed to be; the ladders and ropes had rotted out and the upper workings were not available. A few samples were taken,

eight in all. These were merely indicative of the ore left in former operations, and the fill which is left in the mine is reported to be around eighteen thousand tons. The sample were also analyzed for tungsten as the blackbite showed considerable tungsten in the veins.

Sample No. 1, gold value 8.40; tungsten .03%
Sample No. 2, gold value 2.80, tungsten .06%
Sample No. 3, gold value 2.10; tungsten .05%
Sample No. 4, gold value 2.80; tungsten .07%
Sample No. 5, gold value 2.80; tungsten trace
Sample No. 6, gold value 1.40; silver .80; tungsten .02%
Sample No. 7, gold value 1.40; tungsten .18%
Sample No. 8, gold value 50.40; silver 2.30; tungsten .66%

No. 1 sample is grab taken on the floor of the runways and old stopes.

No. 2, 30" wide of quartz, between Levels 2 and 3.

No. 3, ore left from previous operations between stopes three feet in width.

No. 4, coarse ore bins in mill.

No. 5, fine ore bins at mill.

No. 6, at No. 1 level 36" nearer raise.

No. 7, grab sample from old fills between levels 2 and 3.

No. 8, sample taken especially for tungsten as it showed up very good under the light ; the gold values in it were a surprise; This was taken above the third level by Mr. Darland.

In former operations no attention was paid to tungsten ore. These few samples show that there may be a very important element toward a profitable operation of the mine. Naturally these samples are just for Mineralization only, --they would not be representative.

On the No. 1 level in the south portion of the stoping area above, I was informed by Mr. Darland and others, that a winze was sunk there. This opening appears to be about eighteen feet long and three to four feet wide and is said to be about twenty feet deep.

This was full of water and was not accessible. The ore taken from there is said to average 2.11 ounces in gold per ton. This would indicate that the values continued below the deepest workings of the mine.

I have attached to the report the following pages of Mr. Darland's report as to three engineers who have reported and sampled the backfills, where all three place the values at 7.42 per ton, with an estimated tonnage of 18,000 tons; if this can be substantiated by careful sampling the ore could be handled with a good profit; the conditions for mining are ideal. The hanging wall is solid and not frozen to the vein in any places and does not require timber. The wall is smooth and shows some movement with accompanying talc. The slope of the foot wall is a little flat for ore to run, but can be handled readily by a slusher method. This vein appears to me to be true fault fissure, very strong and persistent and should carry its ~~flow~~ values to good depth. My opinion is the old hit and miss methods of mining which seems to have been done here, whenever the ore was improverished a little they simply quit. I see no evidence of lateral work along the vein insofar as I went to the upper stopes. It appears that a lenticular body of ore has been worked down to the lowest level with no attempt to explore either way. Naturally in all veins there are rich and lean strikes.

There are no claim maps, no data, no assay maps or maps of stoped areas, in fact, there is absolutely nothing on which to base an opinion. I have a report made by a geologist named A. G. Buritt which covers the geology of a great section of the surrounding country but does not mention the New York mine. It is a very nicely gotten-up report, numerous pictures of mountain scenery, etc.

There is no map of this particular property; there are a large number of assays from low grade dike, but no assay map. This dike is said to be fifty to seventy feet wide; the average assay would run around two dollars in gold, said dike goes through the Shamrock claims. Mr. Buritt concludes his report, and I quote:

6 copies

CONCLUSION AND RECOMMENDATION

This property, I think, fully justifies a thorough geological survey showing all veins and dikes with relative position to each other, together with competent sampling of all surface showings, and a complete new map showing all the surveyed claims with the geological survey maps incorporated.

The old mine workings, gobs and fills should all be sampled and included on a proper sampling map. A small diamond drill could be used underground to test the lateral extensions of the orebody. I would also suggest that a magnetoscope survey be made of the entire area , to be followed up by bulldozer cuts for values indicated. This to be followed by blacklite investigation for tungsten at night with the same prospecting where tungsten may be found.

I have no doubt this property will justify this expenditure and could result in a development of a new and important ore body.

I will state that mining in the present day has to be done with all the technical aid that is available and the cost of an independent investigation limits the possibility of failure. Proper sampling, drilling and assay can either prove or disprove the possibility of a commercial ore body. The initial cost is the gambling money. If the results are favorable, properly evaluated, necessary operations followed, it will undoubtedly be profitable. Much of the ground is timbered and unexplored and the evidence throughout of mineralization will justify these expenditures.

I do not recommend operation of the mine until this preliminary work has been done.

B.A. Hanks

B.A. Hanks
Mining Engineer
Boston Mining Co
Contact, Nevada

SUPPLEMENTAL REPORT ON NEW YORK MINE

My trip to the New York Mine with you ten days ago has not changed the recommendations and conclusions outlined in the original report with the exception of the large mineralized dikes and tungsten showings which were under snow on my first visit.

NEW YORK MINE

The large dike in the New York Mine south of the cabin on the hill shows no values in gold or silver; however, there is considerable tungsten showing under a black light. Also, there is a quantity of quartz float where this dike was sampled showing commercial values in tungsten. Directly below in the gulch is where you told me a quantity of high grade tungsten had been picked up and shipped.

This mountain shows no glaciation nor old channels, so naturally it must be an erosion product and still above present investigation. The surface is covered with brush, balsam fir and jack pine and shows heavy soil overburden. I recommend intensive dozer operation above this cut and in line with this float, until the source of this ore has been located. Dozer cuts should be examined thoroughly for the tungsten float. Also gone over at night with black light. Tungsten showing in the scope of the New York mine and coupled with the surface indications, I would consider it eligible for a Government loan. This showing is better in many respects than property I have seen who are receiving this aid. The Government pays seventy-five percent of the cost of this work. There is a strong showing of tungsten in the south extension of the New York stopes; it extends from the lower level upward as far as I have been able to go. The persistent occurrence of this mineral in this area of the New York ground, seems to hold a regular course up the mountain.

BUFFALO MINE

None of the workings are accessible. Old miners report good ore in the bottom of the old shaft. A large well mineralized dike has been opened by cuts. This is a schistose material highly altered. Samples taken over on the north end fifteen feet wide show no values. Samples on the south end sixteen feet wide gold and silver $1.60. Dike has a width of about a hundred feet at this point. This ground should have considerable dozer work and dike opened in several places and sampling following up these cuts.

BLUE ROCK CLAIM

This is located in the northeasterly direction from the New York. Shows a strong quartz vein, three to six feet wide; open by tunnel about sixty feet long. Samples take from face of tunnel five feet wide shows $1.40 in gold and silver. About ten tons of selective ore on the dump shows gold $22.40 and silver $3.60. This is a high quartz vein with slight dip to the east; I would consider this

Blue Rock Claim continued)

something for a later date; you have better showings and possibilities on the New York ground.

ONTARIO CLAIM

A tunnel has been run on the vein for 150 feet. This is caved. Dump samples were taken and showed only trace of value. Hand sample blue quartz only showed fifty-four cents. Do not consider this ground important at the present time. I had only a day on the property, no details on strikes, dips and distances were taken.

I emphasize the importance of opening these veins by doser combined with M-scope and black light examination. There is a large area that is covered completely. A very intensive prospecting program is indicated to find out what you have on the ground.

MILL EQUIPMENT

Your mill equipment seems to be in good condition consisting of crusher, ball mill, atlas deisel power and auxiliary water power. With the expenditure of about twenty thousand I believe the mill could be put in operation with your jigs and floatation units and repair of the mill building. The cross cut proposed to you by some engineer, from below the mill to the New York vein, is poor mining practice. I would suggest that you sink a winze inside the New York drift on the ore chutes and you will never go wrong in mining by staying on the ore.

B.A. Hanks.

B.A. HANKS, Mining Engineer
Boston Mines
Contact, Nevada

4-C

FROM GEOLOGICAL REPORT BY SHENON & REED, U.S.G.S

The New York country rock is white massive, recrystalized quartzite; the ore is empregnated in different degrees by pegmatic materials; locally the quartzite grades into pegmatite; the quartzite in the field is distinguished with difficulty from the vein quartz, although the two can be oriented by microscope. The trend of quartzite is northeast and the ~~stick~~ strike is generally southeast, although the attitude is not uniform. A strike of North 50° East, with dips 40° southwest may approach an everage. There is difficulty in distinguishing between vein quartz and quartzite. The inaccessibility of a great portion of the workings, does not permit close geological study. The vein appears to follow bedding quartzite; a strong fault is exposed on the third level and also exposed on the second and fifth level. Movement appears to have been mostly along the altered body of andesite, which was originally a sill or dike cutting the quartzite at a slight angle. Trend of fault ranges from north to 30° west, dips 35° to 60° east. The third level has been driven over 200 feet along this fault, evidently mistaken for the lead.

It seems most likely that there is a cross mineral fault which cuts the bedding and also the vein, but apparently no ore has been found under or above this fault. The disposition of the ore in the fault is less promising than the large fault just described, along which seems to be the intersection of the vein and fault. It is probable that the quartz is older than the fault and came along in the intersection entirely in the foot wall of the larger fault. The vein is three to five feet and consists of massive white quartz. In most places the hanging wall is marked with a thin gouge or seam., and in a few places notably on the second level. Some pyrite, arsenopyrite and galena and mineral that looks like galena, except for a more perfect average, cleavage? was noted in the ore.

1-

Unidentified mineral material was seen in pegmatite in one instance. According to Jones the mill man, the concentrates from the old mill consisted of galena, sphalrite and pyrite. The gold was free in sulphides. The richest ore occurred in galena and sphalerite.

3-c

RECEIVED NOV 22 1955 D.M.E.R.

PURCHASE AGREEMENT

THIS AGREEMENT, made and entered into this 17th day of June, 1955, by and between HARVEY W. WHITE and HELEN WHITE, husband and wife, of Golden, Idaho, first parties, hereinafter called "Sellers," and W. O. (DUFFY) RANDOLPH, R.O. RANDOLPH ~~A. T. ROBERTSON~~, W. H. BAXTER, H. T. HARTWELL, AL LYNCH and GUS D. DARLAND, second parties, hereinafter called "Buyers;"

W I T N E S S E T H :

That for and in consideration of the covenants and conditions hereinafter contained, Sellers agree to sell and Buyers agree to purchase the following described mining claims and personal property located thereon, together with all water and water rights, ditches and ditch rights appurtenant thereto, and all buildings and surface improvements situate on said mining claims, to-wit:

> New York Mines, consisting of the Shamrock Group of mining claims located in Section 24, Township 27 North, Range 7 East of the Boise Meridian in Idaho County, Idaho, being fourteen (14) unpatented lode mining claims in the Ten Mile Mining District, subject to the paramount title of the United States of America; and
>
> All the personal property and buildings situate thereon, which personal property is more particularly described in Exhibit "A" attached hereto.

That for said mining claims and personal property the Buyers agree to pay unto Sellers the sum of FIFTY THOUSAND DOLLARS ($50,000.00), as follows:

Ten percent (10%) of the net smelter returns, net mint reyurns, or all other returns received by Buyers from the shipment and/or sale of ores, concentrates, or other marketable products mined and shipped from the above mentioned properties, but not less than $1,500.00 peryyear, which sum ~~of~~ $500.00 shall be due on the 1st day of September, 1955 and a like amount on the 1st day of March, 1956 and a like amount on the 1st day of June, 1956, and a like amount each and every year on the same dates thereafter until the purchase price has been paid in full. All royalties received during the calendar year shall be credited to the minimum payment of $1500.00 due during that calendar year.

Net smelter returns are computed and understood to be returns paid by the smelter after deducting only smelter penalty and transportation charges, including prepaid freight, on all such ores, concentrates or marketable products marketed at any smelter or marketing agency. All such sums as become due Sellers hereunder shall be paid to the escrow holder hereinafter designated, and there shall be deposited with each payment to the escrow holder where the payment is based upon the ten percent royalty, a smelter, mint or other return showing the amount received by the Buyers on the sale of the ore, concentrate or other marketable products sold from the premises.

The Buyers shall take possession of the above described mining claims and personal property on or before June 30, 1955, and shall be entitled to remain in possession so long as they are not in default under the terms and conditions hereof. Buyers are granted and permitted the right to cut timber from said mining claims for use in connection with the mining operations to be carried on by them, but timber shall not be cut for any other purpose, or sold

The Buyers agree to operate said mine in a good and miner-like manner, (and to keep Mine Developed ahead of Production) except in case of Labor Disputes, War Time Regulations, ~~or~~ Acts of God, and to maintain the personal property in as good a state of repair as the same now is. Said personal porperty shall not be sold or exchanged by the Buyers

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It is further promised and agreed that the Buyers will indemnify and save harmless the Sellers from all claims for damages, arising or to arise out of, or by reason of, Buyers use and occupation of said property and premises, whether such claims shall arise out of negligence of the Buyers, their agents, servants or employees, or otherwise.

except Buyers are hereby given the right to exchange said properties for other properties of like value and which would be more suitable for use in the mining operation. The title to the personal property and any exchanges or replacements shall at all times be vested in the Sellers, and Buyers shall not permit any liens or encumbrances to be filed against the personal property or the mining claims.

The Sellers shall have the right to inspect and go upon the mining properties at all reasonable times and to examine the underground workings, together with the equipment, in order to ascertain that it is being properly maintained, but shall not do so in such a manner as to interfere with the mining operations of the Buyers. Sellers shall have the right to examine the books and records of Buyers at reasonable times to assure themselves that the proper royalty is being applied and paid.

It is agreed that Buyers shall fully comply with the Workmen's Compensation Law of the State of Idaho and all amendments thereto and the Social Security Act and the Idaho State Insurance Law, and will comply with all state and federal laws relating to mining operations. The Buyers shall perform all necessary assessment work on said mining claims at least thirty (30) days prior to the time such work is required, and will file the necessary proof of labor in connection with such assessment work.

X Buyers will keep said real and personal property free and clear of all debts and liens for labor and material or otherwise, and notices will be kept posted upon the premises that said property is being operated under this purchase agreement and that neither the property nor

the owner shall be liable for or responsible in any manner for labor done upon or materials furnished for any mining operation or use upon the premises.

The Sellers agree that concurrently herewith, they will make and execute a deed for conveyance of the above described mining claims to Buyers, subject to the paramount title of the United States of America, and a bill of sale for conveyance of the personal property; which bill of sale and warranty deed, together with the original of this agreement, shall be deposited in escrow at the First Security Bank at Grangeville, Idaho, and all deferred payments due Sellers hereunder shall be paid to the escrow holder. The escrow holder is authorized and instructed that upon payment to it of the sum of $50,000.00, it shall deliver the deed and bill of sale to the Buyers.

It is agreed that time is the essence of this agreement, and should the Buyers fail to pay according to the terms of this agreement or fail to keep any of the covenants and agreements herein contained, the Sellers may, at their option, give written notice of such default, by registered mail, to Buyers at their last known post office address, in which notice it shall specify the matters in which Buyers are in default. Said notice and copy thereof shall be delivered to the escrow holder and by the escrow holder mailed, registered mail, to Buyers. Buyers shall have thirty (30) days from and after the mailing of said notice to correct the matters in which they are in default, and if not so corrected, the Sellers shall be entitled to the return of the deed and bill of sale held in

escrow and all sums paid hereunder by the Buyers shall be deemed liquidated damages and retained by the Sellers. Further, upon such forfeiture the Buyers shall immediately deliver over possession of the mining claims and the personal property in as good a condition as received, ordinary wear and use excepted, and remove themselves and their agents from the premises.

The Sellers specifically reserve unto themselves that certain hunting cabin located upon the above described mining claims located at the junction of the Buffalo-Idaho Road. Such reservation shall not affect title to the lands, but the use of such cabin is forever reserved unto the Sellers; but such use shall not be assigned or pass on to the heirs, executors or administrators of the Sellers. It being the intent that such use is for the Sellers alone and only during their lifetime.

It is agreed between the parties that an inventory will be made of the personal property located on the mining claims and such inventory shall be signed by the Sellers and one or more of the Buyers as a true inventory and attached hereto and made a part of this agreement as Exhibit "A". Said inventory, as Exhibit "A", shall cover the personal property to be conveyed by the bill of sale aforementioned.

This agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereunto have set

their hands and seals the day and year in this agreement first above written.

Helen White

Harvey W. White

Sellers

M. E. Randolph

R. O. Randolph

A. J. Hartwell

Alyd Lynch

Joyce Darland

A. N. Taylor

Buyers

STATE OF IDAHO)
: ss.
County of Idaho)

On this 17 day of June, 1955, before me, the undersigned, a Notary Public in and for said State, personally appeared HARVEY W. WHITE and HELEN WHITE, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Ruth Fennice

Notary Public for Idaho County

(S E A L)

Residing at: Grangeville, Idaho

ACKNOWLEDGMENT—SINGLE

STATE OF IDAHO
County of Ada } ss.

On this Twentieth day of June, in the year 19 55, before me, a Notary Public in and for said State, personally appeared W.O. Randolph, R.O. Randolph, H.J. Hartwell, Al Lynch, Gus D. Darland, W.H. Baxter

known to me to be the person s whose name s are subscribed to the within instrument, and acknowledged to me that † he ▼ executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Notary Public for Idaho, Residing at Boise, Idaho.

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ESCROW AGREEMENT

To First Security Bank of Idaho
Grangeville Branch
Grangeville, Idaho
(Address)

The undersigned, HARVEY W. WHITE and HELEN WHITE, husband and wife, of Golden, Idaho

hereinafter called "Grantor," and W. O. (DUFFY) RANDOLPH, R. O. RANDOLPH, W. H. BAXTER, N. T. HARTWELL, AL LYNCH and GUS DARLAND,

hereinafter called "Grantee," herewith deliver to you in escrow the documents and property hereinafter described to be held and disposed of by you in accordance with the instructions and upon the terms herein set forth and not otherwise, to all of which the undersigned hereby agree. Said documents and property are described as follows:

1. Purchase Agreement dated June 17, 1955
2. Quitclaim Deed dated June ___, 1955
3. Bill of Sale dated June ___, 1955

You are hereby authorized and directed to deliver the above described documents and property to Grantee upon payment to you, at the address above specified, for the Grantor of the total sum of $ 50,000.00, principal, and interest on the unpaid balance thereof at none per cent per annum from - - to be paid as follows:

(Specify date and amount of each payment of principal and dates of interest payment.)

Ten percent of the net smelter returns, net mint returns, or all other returns received by Buyers from the shipment and/or sale of ores, ore concentrates, or other marketable products mined and shipped from the properties covered in the contract, but not less than $15,000 per year, of which sum $500 shall be due on the first day of September, 1955 and a like amount on the first day of March, 1956 and a like amount on the first day of June, 1956, and a like amount each and every year on the same dates thereafter until the purchase price has been paid in full. All royalties received during the calendar year shall be credited to the minimum payment of ~~$15,000~~ 1500 00 due during that calendar year.

Provided, however, that you are authorized to receive any or all such payments or any part thereof at any time after the above dates specified therefor (hereinafter referred to as the due dates) and prior to delivery of said documents and property to Grantor as hereinafter provided, with like effect as if paid on or before said due date.

If, however, at any time prior to full payment of all principal and interest above specified, Grantor delivers to you at the office above specified, written demand for the delivery of such documents and property to him, specifying in detail as grounds therefor, either:-

(a) That all or any part of any payment of principal or interest above specified remains unpaid and that the due date therefor has passed; or

(b) That Grantee has failed to perform any specified term or condition, other than payment of principal and interest, encumbent on him to be performed, under that certain contract dated June _____, 1955 made by and between Grantor herein as one party and Grantee herein as the other party, copy of which is deposited with you herewith for purposes of identification, then in such event or events, hereinafter called defaults, you shall promptly deliver to Grantee personally, or at your option deposit in the United States mail, postage prepaid, addressed to Grantee at ..... or at such other address as he may have directed by writing previously delivered to you at the branch above designated, copy of such demand. If it appears by your records that all payments of principal or interest designated in said demand and for which the due date has actually arrived are fully paid, or if not, then if the same be paid before the expiration of thirty (30) days after said copy of demand is so delivered or mailed to Grantee and within the same time Grantee also proves to your satisfaction that none of the other defaults, if any, specified in said demand existed at the time said demand was made or if they did that they do so no longer, Grantor's said demand shall be desregarded and you shall continue to hold said documents and property under the terms hereof and to receive the payments as above specified at the times and on the same conditions and to the same effect as if no such demand had been made; otherwise all said documents and property then held by you shall be delivered to Grantor; provided, however, that you may at your option at any time without liability to anyone, withhold delivery of all said documents and property and decline to receive further payments hereunder until your rights, powers, and duties hereunder in any respect requested by you have been settled acceptably to yourselves by further written instructions of the undersigned or finally determined by judicial action.

It is further agreed that this instrument contains the entire agreement between you and the undersigned, or any of them, and that you are not a party to nor bound by the contract referred to in paragraph designated (b) above, or any provision thereof, nor by any instrument or agreement other than this, whether between or among the undersigned themselves, or otherwise; that you shall not be required to take notice of any default or any other matter, nor bound by nor required to give any notice or demand, nor required to take any action whatever except as herein expressly provided; and you shall not be liable for any loss or damage not caused by your own negligence or willful misconduct.

The undersigned agree to pay you as compensation for your services hereunder an initial fee of $....., an annual fee of $..... payable annually in advance for each additional year or fraction thereof after the first year that any money, document or property shall be held by you hereunder, and an additional fee of 1/10th of 1% (but not less than..... on each collection) of all funds received by you hereunder, together with all actual and necessary expenses and liabilities you may incur hereunder, for all of which you are granted a first lien on all of the above described property and documents and all funds coming into your hands hereunder, and you shall be under no obligation to deliver any of said documents, property or funds until such lien is discharged, anything herein contained to the contrary notwithstanding.

All funds collected on this escrow are to be distributed as follows:

First: To the payment of all escrow fees, charges, and expenses of the escrow agent incident to this account.

Second: The escrow agent is authorized to expend from funds received any amounts due for Revenue Stamps on deeds at the time the deed is delivered.

Third: The balance is to be remitted to ..... at the following address ..... or any other address subsequently furnished by the above named party entitled to receive funds collected on this escrow.

The words "Grantor" and "Grantee," and the language of this instrument, where there is more than one grantor or grantee, shall be construed as plural and be binding equally on all such grantors and/or grantees, and in cases where one or more are females, the masculine shall include the feminine. The word "undersigned" as hereinbefore used, refers to the grantors and/or grantees, and not to you.

IN WITNESS WHEREOF, the parties have executed this instrument, in triplicate, this ..... day of June, 19 55 at .....

Harvey W. White
Helen White

GRANTEES

W. O. Randolph
R. C. Randolph
W. H. Butler
W. H. Arland
C. O. Hastings
W. J. Hastings
A. J. Spaeth

GRANTORS

STATE OF IDAHO
County of IDAHO } ss

On this 24 day of June in the year 19 55, before me, the undersigned, a Notary Public in and for said state, personally appeared HARVEY W. WHITE and HELEN WHITE, known to me to be the person (s) whose name (s) are subscribed to the foregoing instrument, and acknowledged to me that (t) he (y) executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year first in this certificate written.

Marion E. Ellis
Notary Public for Idaho
Residing at Grangeville

The undersigned bank hereby acknowledges receipt of the documents and property described in the foregoing agreement, and agrees to hold and dispose of the same in accordance with the instructions and upon the terms and conditions above set forth.

Dated at Grangeville, Idaho this 24 day of June, 1955

First Security Bank of Idaho, N. A.
Grangeville, Idaho
By Marion E. Ellis

10:30

STATE OF IDAHO)
: ss.
County of Ada)

On this 20th day of June, 1955, before me, a Notary Public in and for said State, personally appeared W. O. (DUFFY) RANDOLPH, R.O. RANDOLPH, W. H. BAXTER, H. T. HARTWELL, AL LYNCH and GUS D. DARLAND, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Notary Public for Idaho
Residing at Boise, Idaho

(S E A L)

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
SEATTLE 4, WASHINGTON
REGIONAL OFFICE
ROOM 304, 905 SECOND AVENUE BUILDING

IN REPLYING PLEASE QUOTE
24S-1429

May 21, 1956

Dale Clemons, Esquire
Budge and Clemons
Attorneys at Law
Idaho Building
Boise, Idaho

Re: New York Mining Company, Inc.

Dear Mr. Clemons:

Receipt is acknowledged of amendments to the exhibit of the above issuer filed with this office on May 16, 1956.

The amendments filed appear to reflect our comments and the offering may be commenced without further waiting period.

It is understood that this material will not be used as sales literature.

Kindly supply triplicate copies of the offering circular in its final form.

Also kindly supply reports required by Rule 224 on Form 2-A at the end of the required 6-month period.

You appreciate that Section 23 of the Securities Act prohibits the Commission from making a finding that information filed is true and correct and from passing upon the merits of, or giving approval to, any security. For this reason, this acknowledgment in no sense indicates that the Commission has considered the accuracy or completeness of the material filed or has determined that the exemption provided by Regulation A is available. The responsibility of complying with the Regulation must in all cases be assumed by the person seeking the exemption and the availability of the exemption depends upon the factual compliance with applicable provisions of the Regulation.

Very truly yours,
James E. Newton
Regional Administrator

By: W. Forbes Webber
W. Forbes Webber, Attorney

State of Idaho

ESTO PERPETUA

Department of State.

CERTIFICATE OF INCORPORATION

I, IRA H. MASTERS, Secretary of State of the State of Idaho, and legal custodian of the corporation records of the State of Idaho, do hereby certify that the original of the articles of incorporation of

NEW YORK MINING COMPANY, INC.

was filed in the office of the Secretary of State on the 3rd *day of* July *A.D. One Thousand Nine Hundred* Fifty-three *and duly recorded on Film No.* 81 *of Record of Domestic Corporations, of the State of Idaho, and that the said articles contain the statement of facts required by Section 30-103, Idaho Code.*

I FURTHER CERTIFY, That the persons executing the articles and their associates and successors are hereby constituted a corporation, by the name hereinbefore stated, for fifty years *from the date hereof, with its registered office in this State located at* Lewiston *in the County of* Nez Perce

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State.

Done at Boise City, the Capital of Idaho, this 3rd *day of* July *A.D., 19*53.

Ira H. Masters

Secretary of State.

Domestic

[illegible]elmann Bros.
ASSAYERS
622 IDAHO STREET
BOISE, IDAHO
PHONE BOISE 4-1661

ASSAY CERTIFICATE

RECEIVED NOV 26 1956 D.M.E.A.

Boise, Idaho, Nov 22 — 1956

M New York Mines
% Gus Dortwell

ASSAY Sample No.	OWNER'S MARK ON SAMPLE	GOLD OZ. PER TON	GOLD VALUE PER TON	SILVER OZ. PER TON	SILVER VALUE PER TON	TOTAL VALUE PER TON	PERCENTAGE OF COPPER	PERCENTAGE OF ZINC	PERCENTAGE OF LEAD
1	Sample #1-7/5/55 Assay for Tungsten Results =						10.03 —	16.79%	
2	" " #2-7/11/55	"	"	"	"	" =	" " —	0.82%	
3	" " #1-4/6/56	"	"	"	"	" =	" " —	0.03%	
4	" " #2 " "	"	"	"	"	" =	" " —	0.06%	
5	" " #3 " "	"	"	"	"	" =	" " —	0.05%	
6	" " #4 " "	"	"	"	"	" =	" " —	0.07%	
7	" " #5 " "	"	"	"	"	" =	" " —	Trace	
8	" " #6 " "	"	"	"	"	" =	" " —	0.02%	
9	" " #7 " "	"	"	"	"	" =	" " —	Nil	
10	" " #8 " "	"	"	"	"	" =	" " —	0.66%	

~~SILVER~~ @ ~~Per Tr. Oz.~~

~~GOLD @ $~~ ~~Per Tr. Oz.~~

A. F. Schlomann Assayer

Per CRA

DENVER - NEW YORK - CHICAGO - SALT LAKE CITY - VANCOUVER TORONTO — MEXICO, D. F. — LONDON — JOHANNESBURG

DENVER EQUIPMENT COMPANY

1400 17th STREET, P. O. BOX 5268 * DENVER 17, COLORADO, U. S. A.

AIRMAIL
March 8, 1956

New York Mines Inc.
412 Diamond Street
Nampa, Idaho

Attention: Mr. Gus D. Darland

Dear Mr. Darland:

I hope that you had a very comfortable trip home after visiting us last week.

We have some good information to report to you at this time since we have just received a written report back from our laboratory technicians.

The laboratory reports that the gravity concentration test on the submitted sample for tungsten recovery revealed that a relatively fine grind would be required to liberate the gold, silver and tungsten values from the gangue. The flowsheet submitted under Order No. YM-6796 (this is the flowsheet we looked at in our laboratory) for treatment of this same ore is more fully varified by the results of the gravity concentration test just conducted. The gravity test results are as follows:

PRODUCT	% Wgt.	ASSAY WO_3 %	ASSAY Au oz/ton	ASSAY Ag	RECOVERY % WO_3	RECOVERY % Au	RECOVERY % Ag
Head Sample		0.45	0.31	0.70			
Calculated Heads	100.00	0.35	0.45	0.55	100.0	100.0	100.0
Non Magnetic Conct.	0.26	59.20	40.86	20.60	43.6	23.3	9.8
Magnetic Conct.	0.23	18.20	68.30	39.50	11.8	34.5	16.6
Table Middlings	5.13	0.86	0.06	0.88	12.5	0.7	8.2
Table Tailing	94.38	0.12	0.02	0.38	32.1	41.5	65.4

A test similar to previous tests consisting of fine grinding, and flotation of gold-silver as one concentrate, and scheelite as a second concentrate is indicated.

We know that you will find this information quite valuable

ALL SALES ARE SUBJECT TO THE CONDITIONS SET FORTH ON THE REVERSE SIDE OF THIS SHEET

New York Mines Incorporated

March 8, 1956

and we are sending this letter to you in triplicate so that you may pass it on to the other interested parties. We look forward to the receipt of your purchase order for this equipment as soon as the weather clears since now the assays have been returned and the results are favorable.

Yours truly,

DENVER EQUIPMENT COMPANY

K. R. Herrmann
Domestic Sales Division

KRH:jms

MONTANA LABORATORY COMPANY

Chemists & Assayers

Philipsburg, Montana

RECEIVED AUG 26 1956 MMEA

August 25, 1956

	Gold ounces - per ton	WO-3 per cent
Assay # 11 --	1.620	3.900

(Sample taken by C. K. Miller) for New York Mine, Inc.
Golden, Ida.

Signed by

W. L. Degenhart

UNION ASSAY OFFICE. Inc.

Salt Lake City, Utah

(Hand sample serial #41511-17)

Samples taken by Ernest Butler, for New York Mine.
Stopped area and main tunnel. Hand picked samples.

	GOLD oz. per ton	WO-3 % per cent
W1	4.250	
W2	2.160	
W3	2.870	
W4	1.850	
N1	0.270	0.09
N3	24.270	3.82
N5	0.200	0.08

Signed by

Jv. Sadler

DENVER EQUIPMENT COMPANY
Ore Testing Division Denver, Colorado

April 9, 1956 Ref: Ore Test # E.W.-30957

Attention Mr. Gus D. Darland

The following is a partial chemical analysis of the head sample.

Gold--oz. per ton 0.31 -- Silver oz. per ton 0.70 -- Wo.3 per cent 0.45

The complete qualitative spectrographic analysis of the Head sample with estimated percentages is given below:

Aluminum	0.1	Potassium	0.01
Barium	0.01	Silicon	major
Calcium	1.00	Strontium	0.01
Chromium	0.01	Silver oz/per ton	0.10
Copper	0.01	Sodium	0.01
Iron	1.00	Titanium	0.001
Lead	0.01	Tungsten	5.00
Magnesium	0.10	Vanadium	0.01
Manganese	0.01	Yttrium	0.01
Molybdenum	0.001	Zinc	0.01
		Zirconium	0.001

Yours very truly,

DENVER EQUIPMENT COMPANY

Henry C. Hurd Jr.
Test Engineer

Clarence Thom
Ore Testing Division

NAME OR TITLE OF PERSON, DEPART		ROOM
		RUN
		STOP
V ~~[illegible]~~ le Room 4[illegible]	RUN	RUN
		STOP
	UN	RUN
	STOP	STOP
Mr ~~[illegible] Mineral Deposits~~ Rm ~~[illegible]~~	RUN	RUN
	STOP	STOP
~~Mrs. Bea~~ ~~Rm. [illegible] Interior~~	RUN	RUN
	STOP	STOP
B. B. Jones 4[illegible] FSA	RUN	RUN
	STOP	STOP
PUBLICATIONS Bureau of Mines	RUN X	RUN
	STOP	STOP
Defense Mineral Supp. Adm 4444 Interior Bldg.	RUN	RUN
	STOP	STOP
~~Mrs. Fitzgerald~~ ~~5222~~	RUN	RUN
	STOP	STOP
Mr. Grimwood 4444 Int.	RUN	RUN
	STOP	STOP

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1. Use blocks consecutively, one at a time.
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
[illegible] A	RUN / STOP	Business Office Natl. Res. Council	RUN / STOP ~~44~~
[illegible] 305 MTC	RUN / STOP	[illegible] ~~C4~~	RUN / STOP
A. Clerk Employ A	RUN / STOP	~~Mr. Compton~~ ~~Rm 203~~	RUN / STOP
[illegible]	RUN / STOP	~~Dr. Benson~~	RUN / STOP
[illegible]	RUN / STOP	~~Dr. Harry H. Ladd~~ ~~Natl. Museum~~ ~~Room 405 Natl. Mus. D.C.~~ ~~312-A~~	RUN / STOP
[illegible]	RUN / STOP	~~Ralph L. Miller~~ ~~Fuels Branch - Geological Survey~~ Room 1319 ~~Interior Bldg.~~	RUN / STOP
~~Ross Hunt~~ Edit	RUN / STOP	[illegible]	RUN / STOP
[illegible]	RUN / STOP	~~Mrs. A. L. Harris~~ ~~Rm 4244~~ ~~S.D. Bldg.~~	RUN / STOP
[illegible] Industrial	RUN / STOP	~~Mr. Woodring~~	RUN / STOP
Weaver Chem.	RUN / STOP	~~Library, Geological Survey~~	RUN / STOP

plus envelopes to room for reissue.

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Use RUN and STOP only when messenger service between Government buildings in Washington is required. Your mail room has RUN and STOP information.

DMEA Form 7
(12-56)

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Date	Surname	Code
10-23	Chapman	400
10-23	Martin	400
10/28	Selfridge	130
10/28	Williams	130
10/31	Jones	130
		~~440~~
		~~120~~
10/29	gb	220
		225

OCT 28 1957

New York Mining Company, Inc.
c/o Mr. W. E. Price
Box 931
Nampa, Idaho

Re: Docket No. DMEA 4552 - Tungsten
New York Mines
Idaho County, Idaho

Gentlemen:

Our letter of April 26, 1957, denying the subject application for exploration assistance by the Defense Minerals Exploration Administration, added that, because an examination of the surface area of your property was not made on account of snow conditions, we would gladly have your property re-examined when weather conditions permitted.

Accordingly, the property was re-examined on September 14, 1957. We regret to advise you, however, that nothing was found to change the above-noted denial.

We wish to thank you again for your interest in the Defense Minerals Exploration Administration program and for bringing your property to our attention.

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

TEChapman/dlm 10-23-57

cc to: Code 400
Admr. R. File
Oper. Comm.
FT. REG. I

Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

8623

DMEA Form 7
(12-56)

October 23, 1957

OFFICIAL FILE COPY

Date	Surname	Code
10-23	Holt	400
10-23	Martin	400
		110

MEMORANDUM:

To: Administrator, DMEA

From: Division of Iron and Ferro-Alloys, DMEA

Subject: Supplemental Memorandum
Denial of request for exploration assistance in the amount of $95,753.11
Docket No. DMEA 4552 - Tungsten
New York Mining Company, Inc.
New York Mines
Idaho County, Idaho

Denial of the subject application is recommended by this Division based on the following information:

This application for exploration assistance was denied on April 26, 1957. The denial, however, was qualified by the statement that, because snow conditions at the time of the field examiners' visit made impracticable any detailed study of the surface of the deposit, a re-examination would be made at a time when the surface of the tract could be studied.

That re-examination has now been made, and the Field Team concurs with the recommendation of its examiner that the application again be denied. The Commodity Divisions of the Bureau of Mines and Geological Survey concur in this recommendation.

In the Supplementary Field Examination Report, dated October 3, 1957, the examiner notes that the location of the property, as given in previous reports, is incorrect. The correct location is in sec. 24, T. 29 N., R. 6 E., B. M.

W S Martin
W. S. Martin, Director
Division of Iron and Ferro-Alloys

8623

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DATE	INITIALS	CODE
10/22	gb	220
10/22	WSay	400
		225

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Washington 25, D. C.

Date October 21, 1957

DMEA Docket No. 4552
DMEA Contract No.
Commodity Tungsten
Name of applicant New York Mining Co., Inc.
Name of property New York Mines or Shamrock mine
Location of property Idaho County, Idaho
Estimated cost of project

MEMORANDUM

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Branch of Ferrous Metals and Ferroalloys
From: R. W. Holliday, Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: Review of Memorandum Report
(Application, Field Team Report, etc.)

1. Date of subject document: Oct. 3, 1957 2. Date received by reviewer: Oct. 15, 1957

3. Other reports on this property known to reviewer: Yes [ ] No [X]

4. Other reports on nearby properties known to reviewer: Yes [ ] No [X]

5. Information available on past production: Yes [ ] No [X]

6. Other pertinent factors known to reviewer: Yes [ ] No [X]

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [ ]
   b. Ownership [ ]
   c. Evidence of mineralization [ ]
   d. Geology [ ]
   e. Proposed exploration method [ ]
   f. Alternate exploration method [ ]
   g. Costs [ ]
   h. [ ]

9. Action advised:
   a. Obtain information from applicant [ ]
   b. Refer to Field Team [ ]
   c. Denial [X]
   d. Agree with Field Team [X]
      i. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]

10. Remarks: (Use back of page if necessary)

I concur in the Field Team recommendation of denial.

R. W. Holliday

IN REPLY REFER TO:

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

Memorandum ✓ October 14, 1957

To: W. S. Martin, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of memorandum field examination report, DMEA 4552 (tungsten), New York Mining Company, Inc., Shamrock mine, Idaho County, Idaho.

The subject application was denied on a provisional basis on April 26, 1957. On that date the applicant was told that although his application was being denied on the basis of a partial examination, a re-examination would be made when the surface of the property was free of snow and ice.

The examining geologist has re-examined the property and reports he could find no new evidence to alter the previous recommendation for denial.

I agree with the recommendation for denial because discovery of ore would probably not result from the proposed project.

W. P. Williams

W. P. Williams

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RECEIVED OCT 15 1957

DATE	INITIALS	CODE
10/15	B	220
10/16	WSM	400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

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DMEA
RECEIVED OCT 7 1957

DATE	INITIALS	CODE
10/7	C	220
10/9	248	130
10/10	C	220
	WSM	400

October 4, 1957

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4552 (Tungsten)
New York Mining Company, Inc.
New York Mines (or Shamrock Mine)
Idaho County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of a memorandum report by D. C. Alvord, Geologist, U. S. Geological Survey, on a supplementary field examination of the subject property.

Alvord could find no scheelite in place on the surface and underground, and could find no new evidence to alter the conclusions and recommendations made by Walker and Nickelson in their report forwarded to you March 29, 1957.

The Field Team concurs with Alvord's recommendations that the application be denied.

By Field Team, Region I

Note change in location identification for property for WSM 10/10/57

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

Thomas E. Howard, Acting Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
USGS (SRO)
Alvord

Reviewed by
DMEA OPERATING COMMITTEE
10-9-57
(date)

DMEA

OFFICIAL FILE COPY DMEA RECEIVED OCT 7 1957		
DATE	INITIALS	CODE
10/9	LB	130
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

October 3, 1957

MEMORANDUM

To: DMEA Field Team, Region I

From: D. C. Alvord, Geologist, U. S. Geological Survey

Subject: Supplementary Field Examination Report, Docket No. DMEA-4552 (Tungsten), New York Mining Company, Inc., New York Mines (or Shamrock Mine), Idaho County, Idaho

An application for aid to explore the subject property for tungsten was received at the Spokane office on November 15, 1956. The property was examined on January 30, 1957, by H. B. Nickelson and D. D. Walker, who recommended that the underground work proposed by the applicant be denied (memorandum dated February 20, 1957). Due to snow and ice, however, Nickelson and Walker were unable to examine the surface area nor were they able to see all of the No. 1 level from which the proposed underground exploration was to take place. The company was notified that its application was denied in a letter from the Acting Administrator dated April 26, 1957, which at the same time acknowledged that the examination was not complete and that the property would be re-examined, should the applicant so request, when weather conditions permitted. In a telephone conversation on September 4, 1957, Mr. Gus Darland, manager of New York Mining Company, Inc., stated that the property was ready for re-examination.

Pursuant to the above, the New York property was examined by the author on September 14 in company with Gus Darland, Manager; H. Zerold, President; R. B. Rick, Superintendent; and H. Barker, Mine Foreman. The group arrived on the property about 8:00 a.m. and left about 9:30 p.m. The day was spent in a black-light examination of all open mine workings on the New York vein and in making a reconnaissance of the surface traces of the New York vein and of the Ontario vein to the east, in order to facilitate a black-light traverse at night. After dark, about 2 hours were spent examining the surface with the black light.

Reviewed by
DMEA OPERATING COMMITTEE
10-9-57
(date)

The location, mine development, production, geology, etc., are discussed in some detail by Walker and Nickelson in their memorandum, and for the purpose of this report little more need be said. Incidentally, the property is in sec. 24, R. 6 E., T. 29 N. and not in sec. 24, T. 27 N., R. 7 E. as reported in all docket material previous to this report.

Where visited, the property is underlain by granitic-banded gneisses that locally grade to augen gneiss, gneissic quartzite, and quartz mica schist. Quartz veins, mostly small, cut the rocks at several localities but only two, the New York and the Ontario, are considered worth-while by the applicant. The New York vein, already carefully checked for tungsten and described by Nickelson and Walker, trends northward and dips 45°-55° E. The Ontario vein, so-called by the applicant, is exposed in a few cuts 400 to 500 yards east of the New York. Due to poor exposure the strike and dip of the Ontario vein or veins(?) could not be determined with confidence but it may strike N. 15°-20° W. and dip steeply to the east. Both veins are composed of fine-grained quartz with minor amounts of sulfide minerals. Pyrite and arsenopyrite with lesser amounts of tetrahedrite and molybdenite are among the more conspicuous sulfides. Scheelite occurs in the New York vein as small veinlets and lenticular zones of disseminated crystals, both in close association with sulfides and well away from sulfide minerals in the megascopically otherwise barren quartz. Ore produced from the New York vein has probably averaged about $25 per ton in gold under current prices. Nothing is known of the gold values in the Ontario vein. No tungsten has been recovered from either vein.

Underground, on the New York vein, essentially nothing was seen by the examiner that Nickelson and Walker didn't see during their examination. Because I used a large high-intensity mineralight and Nickelson used a small comparatively weak lamp, the applicant informs me that several more minor showings were found in the stopes and drift walls, during this latest examination, than were found previously, but at the same time the applicant admitted that these minor discoveries did not significantly alter the picture. Apparently, since Walker and Nickelson's examination, the only new work done underground consisted of an inclined shaft at the north end of the No. 1 Drift level, which was down a scant 8 feet (see attached figure). This work disclosed ½ to 1½ feet of quartz vein containing crystals and stringers of scheelite sparsely distributed along the entire exposure. A sample cut across the best looking portion contained 0.19 ounce of gold per ton but only 0.07 percent WO_3.

The examination of the veins at the surface found absolutely no scheelite in place. The only scheelite found consisted of a single very fine crystal occurring in a piece of quartz float from a cut

dump on the Ontario vein. At the conclusion of the examination the applicant volunteered that on the basis of the present exposures the Ontario vein shows no promise as a tungsten producer and that we hadn't seen anything in the New York vein that would significantly alter the results of the examination made by Walker and Nickelson.

Although the New York mine undoubtedly has some potential as a gold producer, its promise as a potential tungsten producer is in considerable doubt. The mapping, location and grade of samples shown on the figure accompanying Walker and Nickelson's report indicate that small, narrow tungsten-bearing zones, either below ore grade or too small and discontinuous to base reserve computations upon, are present in the New York vein but that in all probability the structure is not capable of producing a significant amount of tungsten. It appears that Government-supported exploration on the New York vein would amount to Government subsidy of gold mining.

At the time of the examination the applicant was getting the mill, located near the portal of the No. 1 Drift level, into shape for operation and had apparently spent considerable money in new equipment. Their stated intentions are to begin mining by stoping above the No. 1 level and from sublevels off the incline shaft and to mill the ore for both gold and tungsten. Such an operation, should it prove economically successful, might show that the New York vein is capable of producing significant amounts of tungsten and in such an event Government participation in its exploration might be justifiable. On the basis of the information presently available, however, it is recommended that the application be denied.

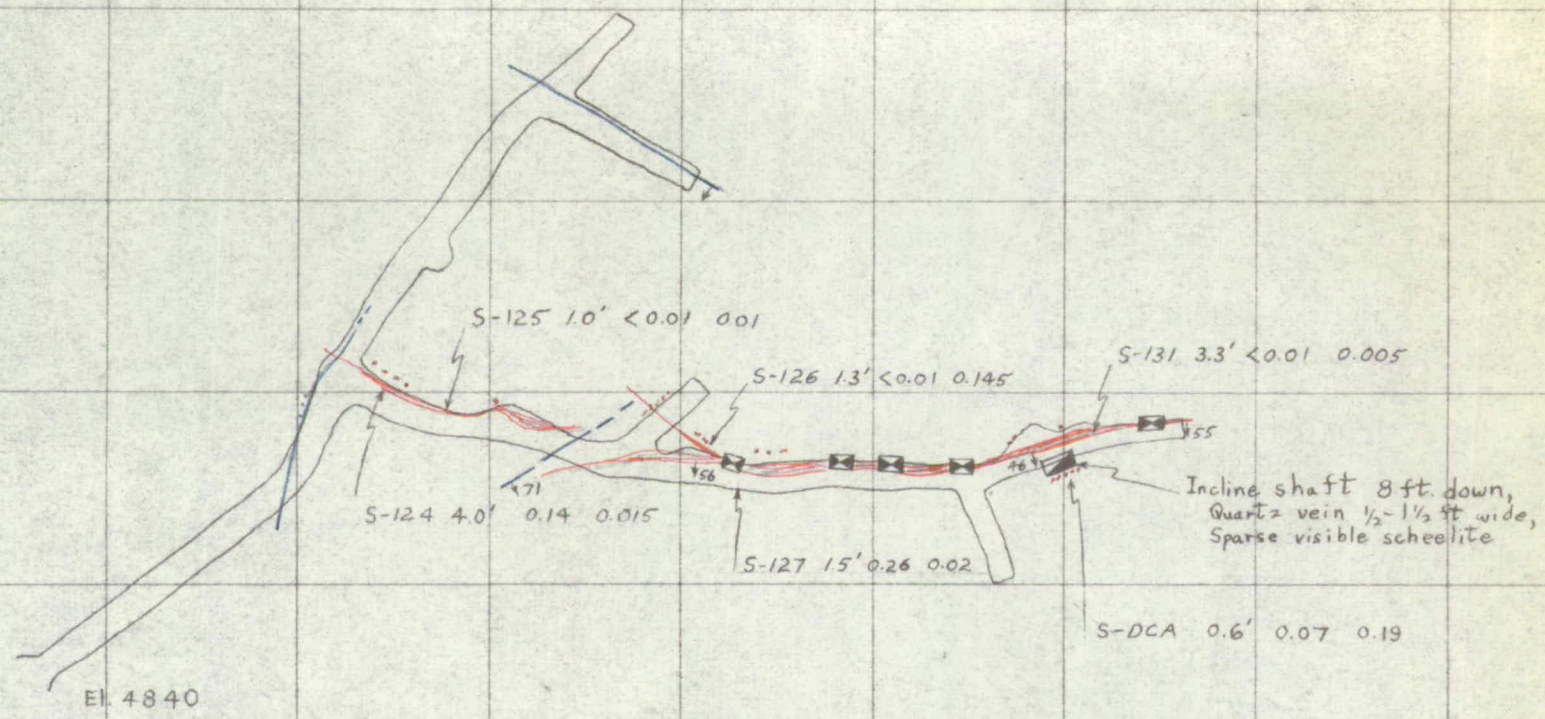
Attachment 1

Distribution:
DMEA (3)
USBM (5)
USGS(SRO)
Docket
Alvord

U.S. Dept. of Interior

Application Report
(Supplementary)

Docket No. DMEA-4552



Assay Data

Sample No.	Width (feet)	WO_3 (percent)	Au oz/ton
S-DCA	0.6'	0.07	0.19

56
Quartz Vein
(gold bearing)

Scheelite within
or near vein

71
Fault showing dip

North

NEW YORK MINE
No. 1 Level
New York Mining Company, Inc.
Sec. 24, R.6E., T.29N., B.M.
Idaho County, Idaho
1 inch = 50 feet
Sept. 14, 1957

After L.E. Shaffer, 1943

"ALBANENE" REG. U.S. PAT. OFF. NO. 196M K&E CO., N.Y.
J. A. Gendron Co., Spokane

EXTRA COPY
D M E A
RECEIVED 1957

DATE	INITIALS	CODE
8/19	[illegible]	220
8/19	[illegible]	800
	C	225

So. 157 Howard Street
Spokane 4, Washington

August 14, 1957

Mr. W. E. Price, Secretary
New York Mining Company
Box 931
Nampa, Idaho

Re: Docket No. DMEA-4552 (Tungsten)
New York Mining Company
New York Mines
Idaho County, Idaho

Dear Mr. Price:

Mr. H. A. Zierold called at the Spokane office July 24, 1957, to ask if a re-examination of the New York mines could be made. While such an examination would be primarily to look at the surface exposures and trenches, the examiners will also be glad to look at any new underground work, or any parts of the old workings that were inaccessible at the time of the examination last winter but which might now be accessible.

I advised Mr. Zierold that a request for a re-examination must be made in writing and should be accompanied by a map showing the claim boundaries, the location of any new work, whether on the surface or underground, the locations of any new samples, and assays of the samples.

So far we have heard nothing further. We expect to have an examining team in Idaho sometime within the next three or four weeks and would like to know whether or not you wish them to include the New York mines in their itinerary.

Sincerely yours,

D. R. MacLaren
Acting Member, DMEA
Field Team, Region

OFFICIAL FILE COPY
D M E A
RECEIVED AUG 20 1957

DATE	INITIALS	CODE

cc: DMEA (3)
USBM (2)
Geologist

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/24	Holt	400
4/24	Martin	400
4/26	Selfridge	130
		100
4/29	C	220
		225

4/24 Williams 130
4/24 Lamb (130)

APR 26 1957

New York Mining Company, Inc.
c/o Mr. W. E. Price
Box 931
Nampa, Idaho

Re: Docket No. 1552 - Tungsten
New York Mines
Idaho County, Idaho

Gentlemen:

Your application for aid for an exploration project and other data available to us in Washington concerning the above-referenced property have been reviewed.

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

Careful study of our information, although noting tungsten mineralization on the New York Mines (Shamrock) group of claims, indicates to us that the probability of disclosing significant tungsten ore reserves on your property is not sufficiently promising to justify Government participation in its exploration. Under these circumstances, we regret to advise you that your application for aid in an exploration project is denied.

However, because an examination of the surface area of your property was not made on account of snow conditions, we will gladly have your property re-examined when weather conditions permit.

You should notify Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I - Northwest District, South 157 Howard Street, Spokane 4, Washington, when a re-examination can be made.

Sincerely yours,

Frank E. Johnson (for)

Acting Administrator

SPHOLT:foc
4/24/57
cc to: Docket
Code 400
Admr. R. File
Oper. Comm.
FT. REG. I - NWDist.
Messrs. Robert Holliday, USBM
T. H. Kiilsgaard, USGS

8623

DMEA Form 7
(12-56)

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Date	Surname	Code
4/23	Holt	400
4/23	Martin	400
		130
		110
		100
		220

April 19, 1957

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $95,753.11
Docket No. DMEA 4552 - Tungsten
New York Mining Company, Inc.
New York Mines
Idaho County, Idaho

Denial of the subject application is recommended by this Division based on the following information:

(1) The applicant, New York Mining Company, Inc., c/O W. E. Price, Box 931, Nampa, Idaho, requested exploration assistance in the amount of $95,753.11 for drifting, crosscutting, raising, and bulldozer trenching on the New York Mines (Shamrock) group of claims.

(2) The applicant owns 10 unpatented lode mining claims, situated 4½ miles north of Fall Creek, Idaho, in sec. 24, T. ~~27~~ 29 N., R. 7 E., B. M., Ten Mile Mining District, Idaho, and recorded in the Idaho County Recorder's Office at Grangeville, Idaho, as follows: See F.T. Report of Oct. 3, 1957

Claim Name	Recorded Book	Recorded Page
Shamrock 1	65	593
" 2	65	594
" 3	65	595
" 4	65	596
" 5	65	597
" 6	65	598
" 7	75	111
" 8	75	113
" 9	75	114
" 10	75	112

(3) The proposed program is to explore the tungsten deposits on the New York Mines (Shamrock) group of claims by raising 300 feet in two raises, drifting 300 feet from the raises, and crosscutting 250 feet below the main adit level, with 400 days of bulldozing surface trenches.

8623

(4) In the area of the New York Mines (Shamrock) group of claims tungsten occurs as small veinlets or lenses containing disseminated scheelite, associated with gold-bearing quartz veins in granite.

(5) The Field Team, noting that its examination was made, at the applicant's request, in winter weather when the ground was covered with snow, and some parts of the underground workings were not accessible for inspection because of ice coating rock surfaces, concludes that, on the basis of evidence found in the accessible portions of underground workings, there is no justification for the proposed underground exploration, and therefore recommends that the request for underground work be denied, but that reconsideration should be given when weather permits a re-examination in connection with that part of the applicant's proposal which refers to surface trenching.

This property was the subject of a DMA application which was changed to a DMEA project under Docket No. DMA-317X. No examination report was prepared at that time, but a letter dated July 16, 1951, from the Field Team to the Chairman of the Tungsten Commodity Branch concluded with this statement: "The mine can be considered as being only marginal or sub-marginal, and the Field Team recommend approval of the application only if the tungsten situation is very critical." After consideration by the Tungsten Branch the application was denied.

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

SPHOLT:FOC
4/19/57
cc to: Docket
Code 400
Admr. R. File
Oper. Comm.

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 9 1957

DATE	INITIALS	CODE
4/10	JWB	220
4/10	WSM	400

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

April 8, 1957

Re: DMEA 4552
New York Mining Company, Inc.
New York Mines (Shamrock)
Idaho Co., Idaho
Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of preliminary Field Team Report.

The applicant requested assistance in reopening an old gold mine and bulldozing to find the origin of scheelite-bearing float.

The examiners visited the mine and inspected and sampled the showing in an accessible place in a stope above No. 2 level. The material sampled is narrow and only one sample is of ore grade, viz:

Sample No.	Width	Oz. Au	Oz Ag	$\%WO_3$
3	1.0'	0.64	0.7	1.37%

Other samplings confirm that of the examiners and indicate that the vein is spotty insofar as scheelite is concerned and underground work is not warranted.

The examiners intend to inspect the surface, come summer.

The property was the subject of an application to DMA (317) in 1951. The application was denied.

The recommendation of the examiners, that the request for assistance in doing underground work be denied, is justified. The report on surface conditions will be awaited.

I concur with the recommendation of the examiners and Field Team concerning work underground.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY DMEA RECEIVED APR 8 1957		
DATE	INITIALS	CODE
4/9	C	220
4/10	WSM	400

[illegible]
[illegible]
Washington 25, D. C.

April 8, 1957

DMEA Docket No. 4552
DMEA Contract No.
Commodity Tungsten
Name of applicant New York Mining Co., Inc.
Name of property Shamrock Mine
Location of property Idaho County, Idaho
Estimated cost of project

W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Br. of Ferrous Metals & Ferroalloys

R. W. Holliday, Commodity Specialist, Branch of Ferrous Metals & Ferroalloys

Field Examination Report

(Application, Field Exam Report, [illegible])

1. Date of project [illegible] 2. Date received by [illegible]

3. [illegible] on the property known to reviewer: Yes [ ] No [x]

4. [illegible] on the property [illegible] known to reviewer: Yes [ ] No [x]

5. Information available on past production: Yes [ ] No [x]

6. Other pertinent factors known to reviewer: Yes [ ] No [x]

7. Explain items noted you above:

8. Factors needing special consideration:
- a. Location [ ]
- b. Ownership [ ]
- c. Evidence of mineralization [ ]
- d. Geology [ ]
- e. Proposed exploration method [ ]
- f. Alternate exploration method [ ]
- g. Costs [ ]
- h. _____ [ ]

9. Action advised:
- a. Obtain information from applicant [ ]
- b. Refer to Field Team [ ]
- c. Denial [ ]
- d. Agree with Field Team [x]
- e. Disagree with Field Team [ ]
- f. Suggest alternate plan [ ]
- g. Request another examination [ ]
- h. Approval [ ]
- i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary) I concur with the recommendation that the applicant be advised that DMEA assistance cannot be granted on the basis of information obtained to date, but that a final decision will be witheld until a complete examination report is available.

R. W. Holliday
R. W. Holliday

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

OFFICIAL FILE COPY
DMEA
RECEIVED APR 1 1957

DATE	INITIALS	CODE
4/1	C	220
		130
4/8	C	220
4/8	WSM	400

March 29, 1957

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4552 (Tungsten)
New York Mining Company, Inc.
New York Mines or (Shamrock Mine)
Idaho County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of a memorandum examination report by D. D. Walker, mining engineer, and Howard B. Nickelson, geologist, based on an incomplete examination of the above-referenced property.

The applicant proposes underground exploration on and near the New York mines, based upon tungsten showings on several levels and in the stope walls, and surface trenching based upon scheelite-bearing float. Because of the proposed surface trenching, we preferred to postpone the examination until the surface would be free of snow, but the applicant requested that an examination of the underground workings be made so that a decision could be made respecting that phase of his proposal.

Nickelson and Walker conclude that on the basis of the evidence found in the accessible portions of the workings, there is no justification for the proposed underground exploration. Because ice and water prevented observation of the entire crosscut and drift and because another examination will be necessary to consider the proposed surface trenching, Nickelson and Walker recommend that no further action be taken until the property shall have been re-examined.

Because the applicant has requested early consideration of the underground proposal, the Field Team recommends that he be advised

Reviewed by
DMEA OPERATING COMMITTEE
4-5-57
(date)

to the effect that, on the basis of what was seen, his request for underground exploration is denied, but that reconsideration will be given when a re-examination is made in connection with the proposed surface trenching.

By Field Team, Region I, NW Dist.

A. E. Weissenborn

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

Thomas E Howard

for Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
Nickelson
USGS (SRO)

OFFICIAL FILE COPY DMEA RECEIVED APR 1 1957		
DATE	INITIALS	CODE
Defense Minerals Exploration Administration		130 3/R
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

February 20, 1957

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, U. S. Bureau of Mines and Howard B. Nickelson, Geologist, U. S. Geological Survey

Subject: Field Examination Report, Docket No. DMEA-4552 (Tungsten), New York Mining Company, Inc., New York Mines (or Shamrock Mine) Idaho County, Idaho

DMEA

INTRODUCTION

On November 15, 1956, Mr. Gus Darland, manager of the New York Mining Company, called at the U. S. Geological Survey office in Spokane and left an application for DMEA assistance to explore a gold-tungsten property near Fall Creek, Idaho.

This property was the subject of a DMPA application which was changed to a DMEA project under docket DMA-317X. No examination report was prepared at this time but a letter dated July 16, 1951, from the Field Team to the Chairman of the Tungsten Commodity Branch concludes with this statement: "The mine can be considered as being only marginal or submarginal, and the Field Team would recommend approval of the application only if the tungsten situation is very critical." After consideration by the Tungsten Branch the application was denied.

an SITE EXAM

In December 1956, the applicant phoned and stated that he would appreciate having the Field Team make an immediate examination of the underground workings and make their recommendation for that phase of his proposal. Mr. Darland was willing to forego the surface examination until spring so that the underground work proposed could be started if the application was recommended.

On January 30, 1957, in the company of Mr. Darland, the property was examined by H. B. Nickelson and D. D. Walker. This examination was limited to the underground workings as snow covering the ground to depths of 2 and 3 feet made a surface examination impossible. The main crosscut and the drift where the proposed underground exploration was to take place were both half filled

Reviewed by
DMEA OPERATING COMMITTEE
4-5-57
(date)

with ice, making a thorough examination of these workings virtually impossible. However, the stopes were examined and four samples were cut across the scheelite vein in the proposed exploration area. This 6-inch vein was exposed for about 40 feet at the south end of the stope just above the No. 2 level. Only one of the four samples cut assayed ore grade. This sample contained 1.37 percent WO_3. The scheelite appears to be scattered as specks and veinlets throughout the gold-quartz vein but the over-all tungsten content is very low.

RECOMMENDATION

On the basis of this examination we can only recommend that the underground work proposed by the applicant be denied. However, as a return to the property during the spring or summer to examine the surface is necessary, and as a more thorough inspection of the main crosscut and drift might bring to light a more promising target than could be found in the stopes, we suggest that no final action be taken until the property has been re-examined.

LOCATION AND ACCESSIBILITY

The New York Mines (Shamrock group of mining claims) lies 4½ miles north of Fall Creek, Idaho, in the Ten Mile Mining District, sec. 24, T. 27 N., R. 7 E. B. M., Idaho County, Idaho. Grangeville, Idaho, is the nearest railhead.

The property is reached by a winding mountain road which must be plowed out in the winter; snowfall reaches depths of 4 to 5 feet in this area.

PROPERTY

The property consists of 10 unpatented mining claims known as the Shamrock group. These claims are recorded at the Idaho County Recorder's office, Grangeville, Idaho, as follows:

Name of claim	Book	Page
Shamrock 1	65	593
2	65	594
3	65	595
4	65	596
5	65	597
6	65	598
7	75	111
8	75	113
9	75	114
10	75	112

The proposed exploration will be done on the Shamrock 1, 3 and 5 claims.

MINE WORKINGS

All work has been on the original New York claim, except about 200 feet of crosscut which has been driven on the original Mississippi claim and 200 feet of crosscut on the original Georgia claim. This work totals 3,625 feet of development consisting of 2,915 feet of drifts and crosscuts and 710 feet of raising.

PRODUCTION

Authentic production records prior to 1934 are not available but estimates of total production to that year are $394,000, the values occurring from free milling gold. From 1934 to 1937, 2,396.58 tons of ore were mined and milled by H. W. White, who recovered $62,597.97, an average of $25.97 per ton.

In 1938, Mr. White made his last shipment to the smelter. Data from the settlement sheet are as follows:

48.262 tons:	2.345 fine ounces gold/ton 1.688 fine ounces silver/ton
Gross settlement	$3,219.18

No tungsten has been recovered from the gold mining operation.

APPLICANT'S PROPOSED EXPLORATION PROGRAM

A summary of the applicant's proposed exploration showing costs is given below:

300 feet of raising @ $55/ft. (4'x12' raise)	$14,500.00
No. 1 raise at junction of crosscut and drift on No. 1 level.	
No. 2 raise at south end New York vein in main tunnel.	
300 feet lateral drifting from raises (5'x7' drifts) @ $31/ft.	9,300.00
250 feet crosscut (5'x7') to explore below main level @ $31/ft.	7,750.00
Rent drifters, etc. Truck and Jeep, welder, power saw	3,540.00
12 days bulldozing to open upper adits for ventilation @ $100/day	1,200.00

Comp. and tugger work on open cuts and U.G. (1 yr.)	8,400.00
40 days bulldozing open cuts @ $100/day	4,000.00
	$48,690.00

These costs appear in the applicant's proposal, Item 6D.

In general, the applicant's costs appear to be excessive and his cost breakdowns are very confusing. Some items appear but are not summarized or totaled. There also seems to be some repetition of major costs. A general summary is as follows:

Item	Description	Cost
6B	Supervision, Consultants for 1 year	$12,000.00
6C	Operating Materials and Supplies costing less than $50 each	9,093.11
6D	Operating equipment (all costs given in applicant's list are included, although some may actually be repetitions)	48,690.00
6E	Rehabilitation and repairs	1,400.00
6G	Cook and Bull Cook - $200/mo. each	4,800.00
	Mech. & Blacksmith - $16/day ($350/mo.)	4,200.00
	2 drillers - $16.95/day	5,085.00
	2 helpers - $15.95/day	4,785.00
6H	Contingencies	5,700.00
		$95,753.11

OPERATING EQUIPMENT

Most of the operating equipment will be rented. It is as follows:

Item	Cost/mo.	Period	Total cost
D7 cat	$100/day	52 days	$5,200.00
Comp. and tugger	350/mo.	1 year	4,200.00
Drifters and steel	100/mo.	1 year	1,200.00
Truck	100/mo.	1 year	1,200.00
Jeep	50/mo.	1 year	600.00
Welding & blacksmith equipment	25/mo.	1 year	300.00
Power saw	20/mo.	1 year	240.00
Comp. and equip.	350/mo.	1 year	4,200.00

COMPETENCE OF THE APPLICANT

Mr. Al Lynch, the foreman, has been engaged in operating mines for quite some time and is capable of directing the operation. The New York Mining Company is able to finance its share of the expenses.

GEOLOGY

The district is described by P. J. Shenon and J. C. Reed in U. S. Geological Survey Circular 9, "Geology and Ore Deposits of the Elk City, Oregrande, Buffalo Hump and Tenmile Districts, Idaho County, Idaho," 1934. The mine has been described by L. E. Shaffer, mining engineer, U. S. Bureau of Mines in War Minerals Memorandum, 1943. A. J. Kirby also described the mine in a memorandum dated October 17, 1937, with a supplement dated May 27, 1940.

Shaffer's map, to which assays of samples taken by the DMEA examiners have been added, is included with this report.

Shenon describes the country rock at the mine as a white, massive, recrystallized quartzite, which is impregnated to different degrees by pegmatitic material. The trend of the quartzite is northeast, and it dips in general to the southeast. The wall rock appeared to the writer as a siliceous granite containing various amounts of altered feldspars. Also, tactite was found in the upper stopes. Shaffer mapped the vein trending northerly and dipping 45°-55° east, whereas Shenon stated the vein is controlled by the bedding which strikes northeast and dips southeast. The examiners agree with Shaffer.

The maximum length of the ore shoot that was mined just below the No. 2 level is about 320 feet. The width of the stopes that were examined averages about 6 feet. The vein has been stoped up the dip for approximately 850 feet as shown on the attached map.

The vein is composed of quartz with minor amounts of disseminated sulfide minerals containing the gold and silver. The average gold content of the ore mined is reported to be about $25 per ton. Scheelite occurs as small veins or lenses associated with the gold-bearing quartz vein. The major portion of the scheelite observed occurred as finely disseminated particles in quartz, rarely as crystals. Most of the scheelite fluorescence observed under the black light is a white subdued halo and not the sharp star-colored fluorescence associated with most scheelite crystals.

The examiners crawled through the stope along the south end from No. 1 level to the No. 5 level. The applicant reported an 8-foot lense of scheelite, 18 inches wide, in the floor of the

No. 5 level but a recent fall of rock covered this showing. A small stringer was lamped on the No. 4 level as shown on the attached map. Just above the No. 2 level, a stringer of scheelite about 6 to 8 inches wide, within the footwall of the quartz-gold vein, was sampled. Sample No. 1 was cut 0.8 foot across the vein and it assayed 0.6 ounce gold and 0.8 ounce silver per ton, and 0.45 percent WO_3. Sample No. 2 was cut across 1.5 feet in the hanging wall at the same location as Sample No. 1 and it assayed 0.03 ounce gold and trace of silver per ton, and 0.15 percent WO_3. Sample No. 3 cut 1.0 foot across the vein assayed 0.64 ounce gold and 0.7 ounce silver per ton, and 1.37 percent WO_3. Sample No. 4 was cut 0.7 foot across the vein and it assayed 0.12 ounce gold and 0.1 ounce silver per ton, and 0.31 percent WO_3. This vein was exposed near the footwall of the main quartz vein and it extended about 40 feet along the south end of the stope. The scheelite exposed in the drift on the No. 1 level is as shown on Shaffer's map attached.

Considering the gold production from the mine and the size of the ore shoot, it appears that the property is a small gold producer, but the possibilities of it being solely a tungsten mine is doubtful. Some low-grade scheelite concentrates may be recovered if the tails from the present mill were tabled.

The applicant's proposal of driving raises in the footwall of the vein would not be the logical method of exploration. The same targets could be explored by a drift or drifts along the scheelite vein off the stope just above the No. 2 level.

CONCLUSION

The scheelite observed in the underground working occurs as small scattered lenses associated with a quartz-gold vein. It is found as fine particles disseminated in quartz and as small veinlets which may be difficult to recover. It is therefore concluded that the chance of discovering a significant deposit of scheelite ore is less than fair.

Since the snow condition made it impossible to examine the property completely, another examination of the property is recommended when the weather permits.

Attachment 1

Distribution:
DMEA (4)
USBM (5)
USGS(SRO)
Docket
Nickelson

400
DOCKET
SURNAME
Holt
Martin
Selfridge
Hohmann
Wittendorf

DEC 14 1956

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region I, Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 4552 - Tungsten
New York Mining Company, Inc.
New York Mines
Idaho County, Idaho

Dear Mr. Weissenborn:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Copies of memoranda dated November 30 and December 10, 1956, by N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, respectively, relating to the application, are enclosed. Also enclosed is an extra copy of the application for use of the Field Team.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (SPH)

Enclosures

APPROVED:

Frank D. Lamb (SPH)
Member, Bureau of Mines

Thor H. Kiilsgaard (SPH)
Member, Geological Survey

SPHolt:am 12-13-56
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT. REG. I, NWDist
Messrs. R. Holliday, USBM
T. H. Kiilsgaard, USGS

RCL

400

DOCKET
SURNAME

Holt
Martin
Lamb
Kiilsgaard
Selfridge
Fitzsimmons

DEC 14 1956

New York Mining Company, Inc.
c/o Mr. W. T. Price
Box 931
Nampa, Idaho

Re: Docket No. DMEA 4552 - Tungsten
New York Mines
Idaho County, Idaho

Gentlemen:

The above-docketed application for exploration assistance for tungsten ores has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, NorthWest District, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

Any assistance that you can give the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

SPHolt:am 12-13-56
cc to: Docket
Code 400
Admr. Read. File
FT. REG. I, NWDist
Messrs. R. Holliday, USBM
T. H. Kiilsgaard, USGS
Oper. Ass.

R.C.S.

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

RECEIVED DEC 12 1956 D.M.E.A.

Docket

Date December 10, 1956

DMEA Docket No. 4552
DMEA Contract No.
Commodity Tungsten
Name of applicant New York Mining Company, Inc.
Name of property New York Mines
Location of property Idaho County, Idaho
Estimated cost of project

Memorandum

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Branch of Ferrous Metals & Ferroalloys

From: R. W. Holliday, Commodity Specialist, Branch of Ferrous Metals & Ferroalloys

Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 11/19/56. 2. Date received by reviewer: 11/26/56.

3. Prior reports on this property known to reviewer: Yes [ ] No [x]

4. Prior reports on nearby properties known to reviewer: Yes [ ] No [x]

5. Information available on past production: Yes [ ] No [x]

6. Other pertinent factors known to reviewer: Yes [ ] No [x]

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [ ]
   b. Ownership [ ]
   c. Evidence of mineralization [ ]
   d. Geology [ ]
   e. Proposed exploration method [x]
   f. Alternate exploration method [x]
   g. Costs [x]
   h. Feasability [x]

9. Action advised:
   a. Obtain information from applicant [ ]
   b. Refer to Field Team [x]
   c. Denial [ ]
   d. Agree with Field Team [ ]
      i. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]

10. Remarks: (Use back of page if necessary)

Additional information is needed for appraisal and referral to the Field Team if therefore recommended.

R. W. Holliday

Copy [redacted] Rocket

IN REPLY REFER TO:

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

RECEIVED DEC 4 1956 D.M.E.A.

November 30, 1956

Re: DMEA 4552
New York Mining Co.,
New York Mines (Shamrock)
Idaho Co., Idaho.
No cost estimate - Tungsten

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in the reopening, and at least partial re-equiping, of an old gold mine and prospecting for and exploration of veins reputed to be scheelite bearing. Some 32 assays of scheelite samples are quoted of which 12 are of ore grade, but no details concerning the sampling are given and some of the 12 samples probably represent selected material.

A number of float samples containing scheelite seem to have been found. Their discovery prompts a large amount of bulldozing for inferred veins. The Shenon and Reed report lends little support to the application.

The Field Team appears satisfied that an examination is warranted. Therefore referral to it of the application is recommended.

N. E. Nelson

N. E. Nelson

Copy retained 400

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

RECEIVED DEC 3 1956 D.M.E.A.

November 27, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Docket Dmea 4552

WSM

Re: New application (Tungsten)
New York Mining Company, Inc.
New York Mines
Idaho County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of data (marked as Exhibit 6E) requested in paragraph 5(d) of Form MF-103 which were missing when Mr. Gus Darland, manager of the New York Mining Company, left the application at this office on November 15.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

Enclosures(3) w/cy of incoming letter
from Mr. Darland 11/23/56

cc: USBM(2) wo/encls.
Geologist

12/4/56
Copies sent
to USBM & A

November 23, 1956

Department of the Interior
Defense Minerals Exploration Adm.
5 - 127 Howard Street
Spokane, Washington

Attention Don McLaren:

Sorry I didn't get this Exhibit 6-E out to you sooner, but was delayed at the mine and snowed in until we Bull-Dozed out, then wrecked my car on ice coming out. Then our man Lynch was out of town. So everything was against me to get the information back to you sooner.

I am going back to the mine the 28th. I'll be in Spokane after supplies about the 1st. I'll call you to see if you need any more information regarding our application.

NEW YORK MINING COMPANY, INC.

Gus D. Darland

/s/ Gus D. Garland
412 Diamond St.
Nampa, Ida
(Box 931) Phone 6-6696

DEPARTMENT OF THE INTERIOR

Defense Minerals Exploration Administration

Washington D.C. Spokane, Washington

Exhibit 6*E

The operating experience and background of applicant.

1 - Consultant. Blaine Hanks % Boston Mine Contact, Nevada, also Adelmann Bros., Chemists & Consultants, at 622, Idaho St., Boise, Idaho.
Mr. Hank's, graduate of Nevada School of Mines, also Utah School of Mines.
Fifty years' in the field of Mining Engineering, and Consultation.

2 - Albert Lynch, Route 6, Nampa, Idaho. Mine Foreman. Underground supervision, starting out as mucker for Tom Boy Mining Company, Tellwide, Colorado in 1923. Has had mining experience and supervision on various systems of mining, such as caving system, top slice, shrinkage, square set, stoping, swelling ground, vertical and indine shafts, raises and drifts, also wide experience in machine drilling in all types of ground. Also wide experience in supervision of men.

3 - Mine Manager, Gus. D. Darland. Wide experience in supervision of gold dredging, scyanide milling, and amalgamation in Alaska, Idaho, and Oregon. Diesol Electric Engineer, experience in construction and operation of all types of machinery.

NEW YORK MINING COMPANY INC.

Golden, Idaho or Box 931 Nampa, Idaho

G. D. Darland

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

November 26, 1956

New York Mining Co, Inc.
c/o Mr. W. E. Price
Box 931, Nampa, Idaho

Subject: DMEA-4552

Gentlemen

Your application for exploration assistance, dated November 13, 1956 submitted to our office at Spokane, has been assigned Docket Number DMEA-4552 and referred to the Iron and Ferro-Alloys Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

(Sgd) Allen S. Dakan

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to:

Region I, N.W. Spokane, Washington

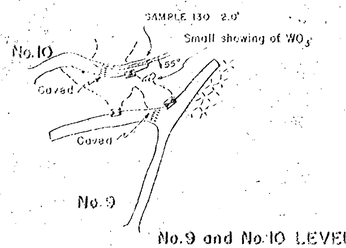
Code 400

6416

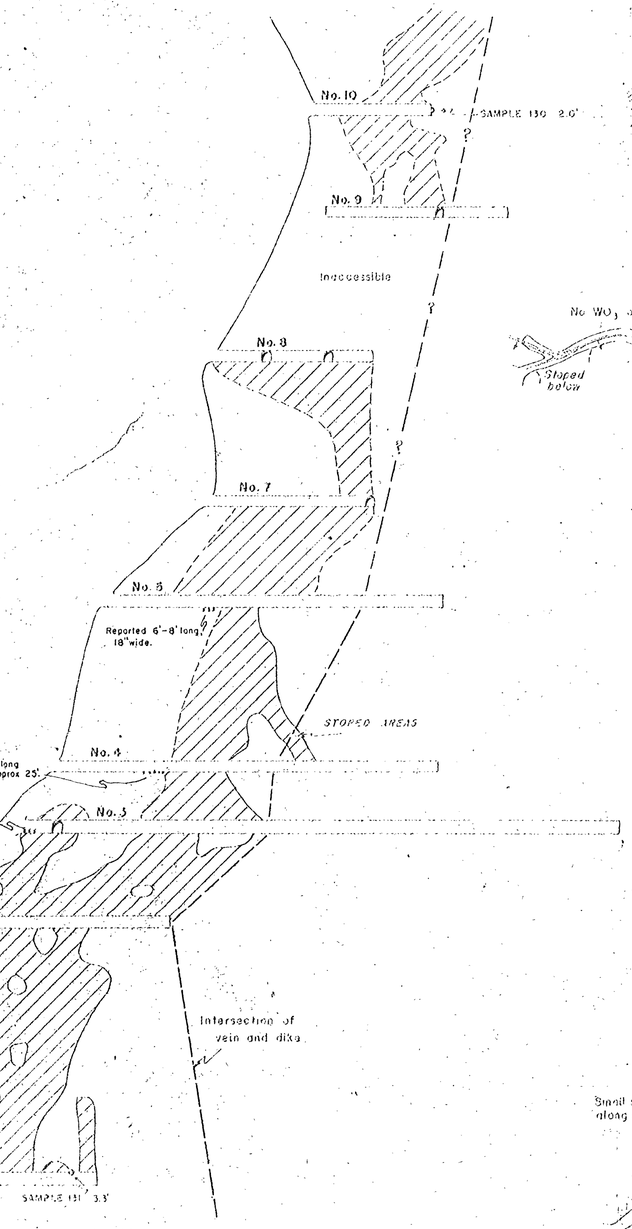
UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXAMINATION REPORT

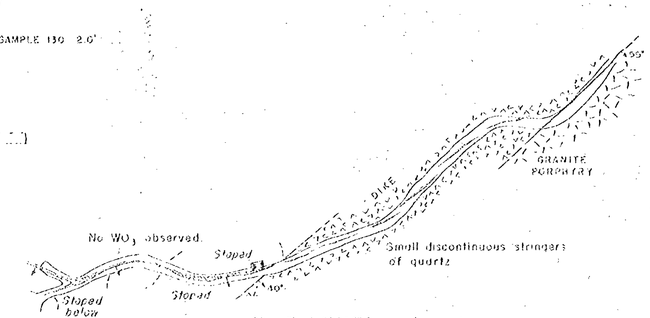
DOCKET NO DMEA 4552



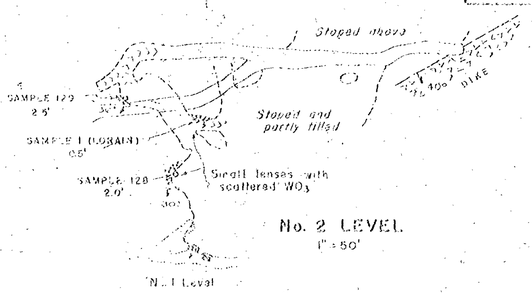
No.9 and No.10 LEVELS
1" = 50'



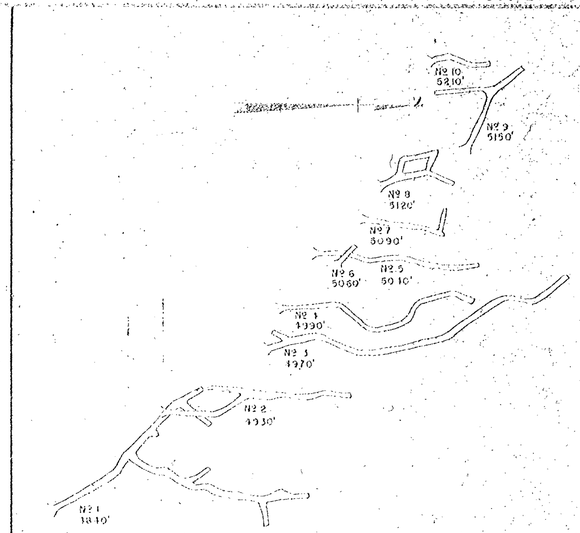
LONGITUDINAL SECTION THRU WORKINGS
(IN PLANE OF THE VEIN)
Projection bears N5°E.
SCALE 1" = 50'



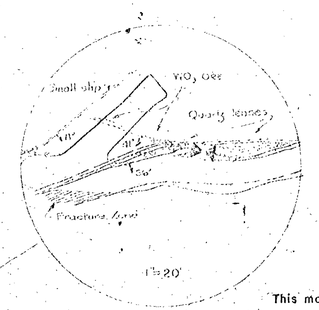
No. 3 LEVEL
1" = 50'

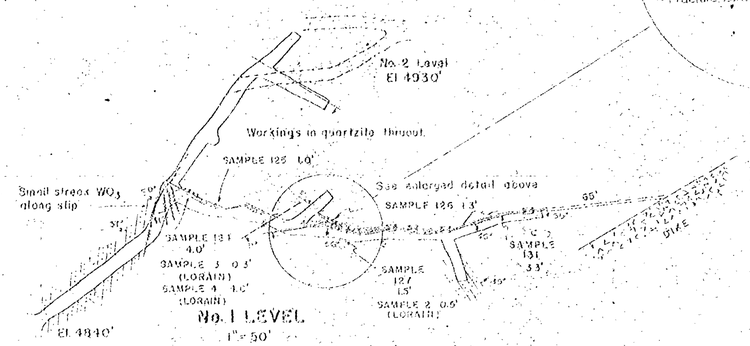


No. 2 LEVEL
1" = 50'



COMPOSITE PLAN OF WORKINGS
SCALE 1" = 100'





No. 1 LEVEL
1" = 50'

SAMPLE RESULTS

Sample Number	WO_3 percent	Gold ounces	Silver ounces
Shaffer 124	0.14	0.015	0.45
" 125	*0.01	0.010	0.10
" 126	*0.01	0.115	0.25
" 127	0.26	0.020	0.15
" 128	0.08	0.050	0.15
" 129	0.21	0.020	0.20
" 130	*0.01	0.075	0.20
" 131	*0.01	0.005	0.20
Lorain 1	1.72	0.720	0.15
" 2	.94	0.015	0.20
" 3	1.25	0.065	0.15
" 4	*.01	0.030	0.15

*Less than

Nickelson and Walker sample results.

Width feet	oz per ton gold	oz per ton silver	Percent WO_3
1 – 0.8	0.6	0.8	0.45
2 – 1.5	0.03	Tr.	0.15
3 – 1.0	0.64	0.7	1.37
4 – 0.7	0.12	0.1	0.31

This map was prepared for Bureau of Mines War Minerals Memorandum. Nickelson-Walker 1957 sample results have been added. In 1956 DMEA application, property is referred to as:

NEW YORK MINE

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

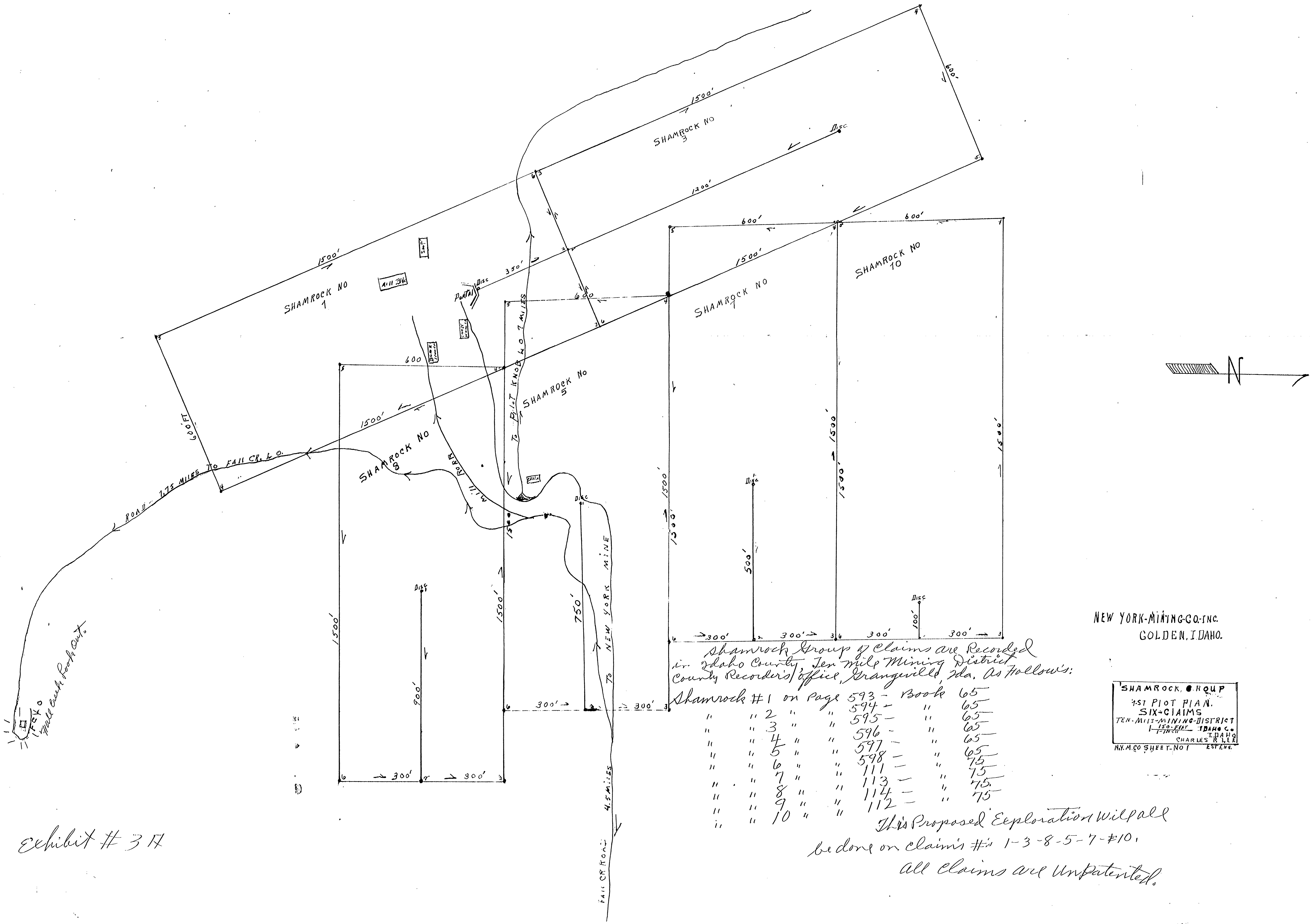
SHAMROCK MINE

TEN MILE MINING DISTRICT

IDAHO COUNTY, IDAHO

DRAWN
TRACED
CHECKED
DATE
File No. C-742

RECEIVED
NOV 26 1956
D.M.E.A.



Shamrock Group of Claims are Recorded in Idaho County, Ten Mile Mining District County Recorder's office, Grangeville, Ida. As Follow's:

Shamrock #1	on Page	593 —	Book	65
" " 2	"	594 —	"	65
" " 3	"	595 —	"	65
" " 4	"	596 —	"	65
" " 5	"	597 —	"	65
" " 6	"	598 —	"	65
" " 7	"	111 —	"	75
" " 8	"	113 —	"	75
" " 9	"	114 —	"	75
" " 10	"	112 —	"	75

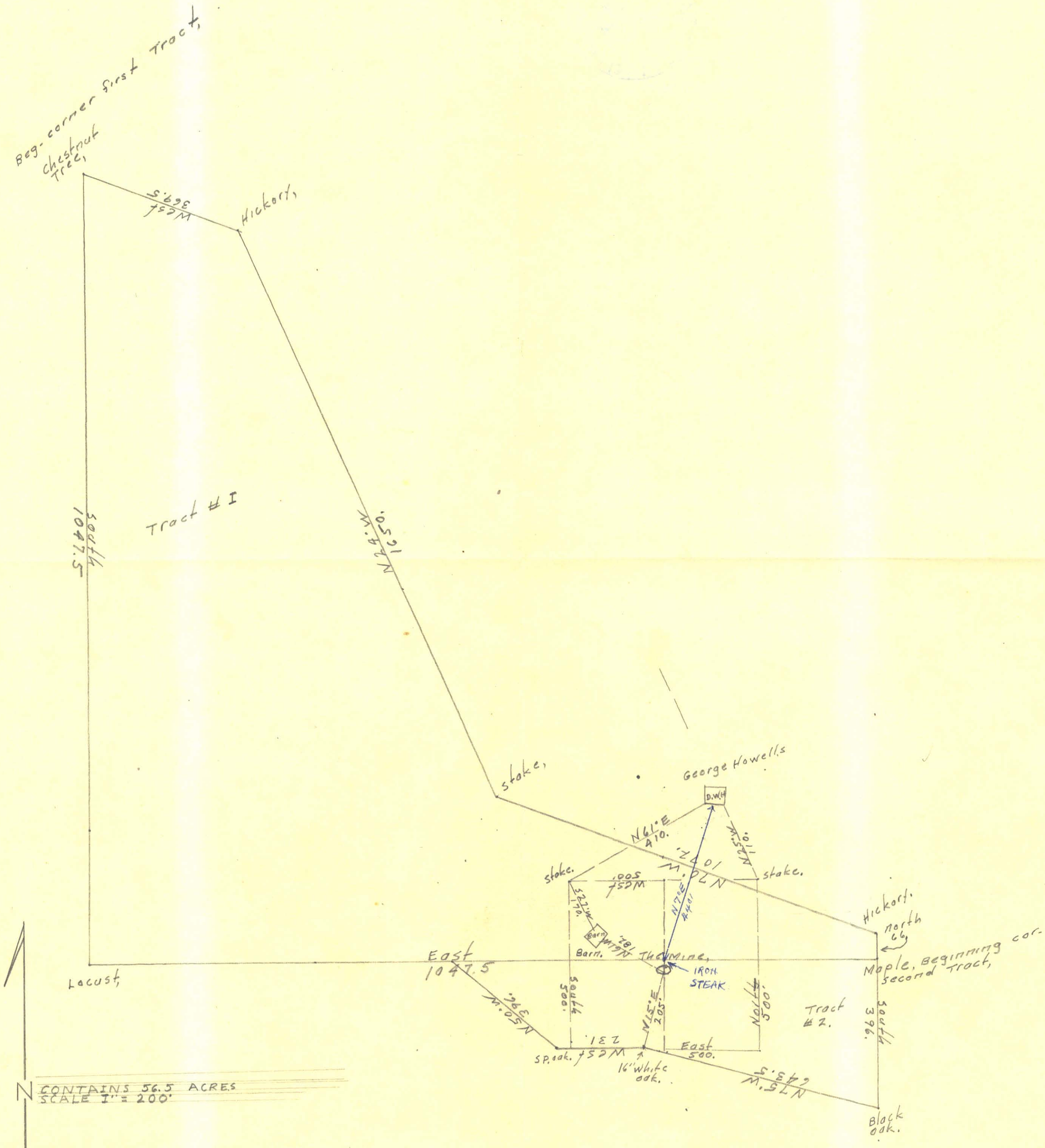
This Proposed Exploration Will all be done on claim's #'s 1-3-8-5-7-#10.

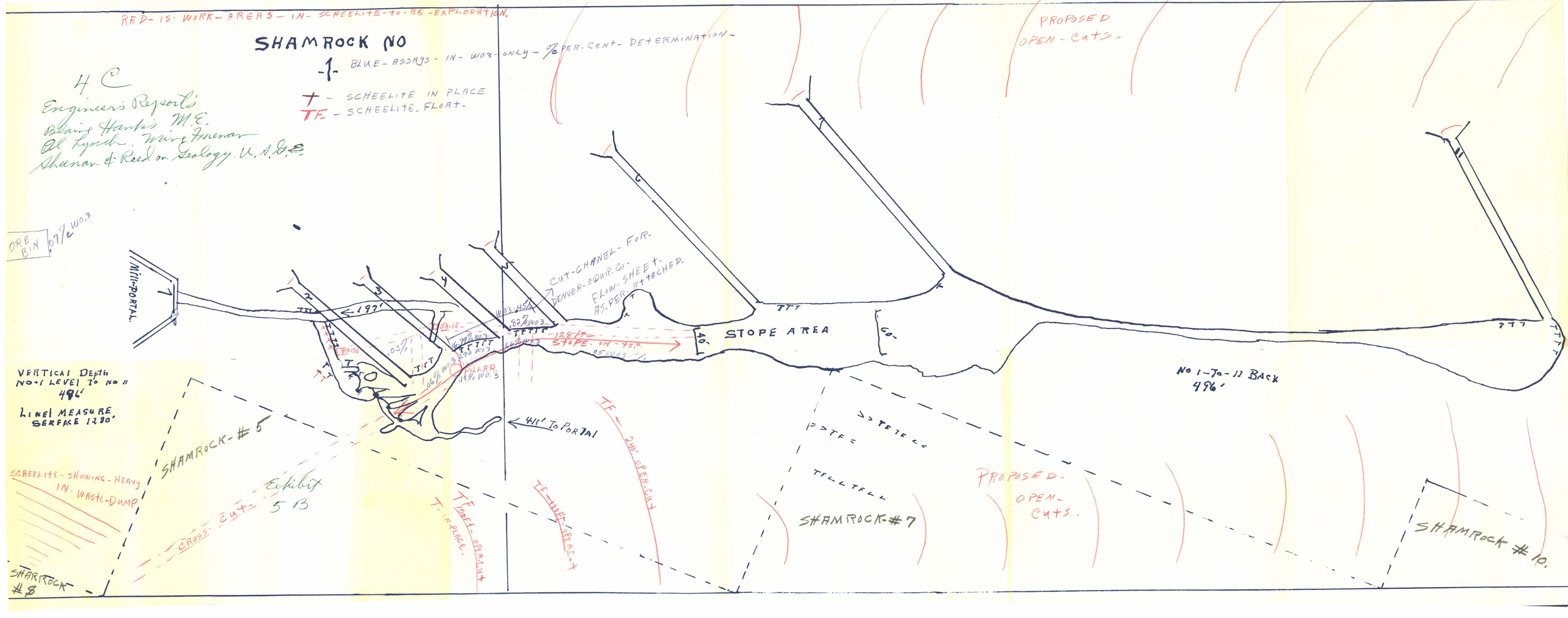
All Claims are Unpatented.

NEW YORK-MINING-CO-INC.
GOLDEN, IDAHO.

SHAMROCK GROUP
1-ST PLOT PLAN.
SIX-CLAIMS
TEN-MILE-MINING-DISTRICT
1 150-FEET / 1-INCH IDAHO Co. IDAHO
CHARLES R LEE
N.Y.M.CO SHEET-NO 1 EST ENG.

Exhibit # 3 A


Beg. corner first tract,
Chestnut Tree,
West 369.5
Hickory,
Tract # I
South 1047.5
N 24 W 1050.
stake,
George Howells
D.W.H
N 61° E 410.
N 25° W 110.
N 24° W 401.
stake.
stake.
S 22° W 170.
N 61° W 182.
N 7° E 440'
Barn
Barn.
The Mine,
IRON STEAK
East 1047.5
Locust,
South 500.
North 500.
N 50° W 396.
N 15° E 205.
231.
S 52° W
East 500.
Sp. oak.
16" White oak.
N 75° W 643.5
Tract #2.
South 396.
Hickory.
north 66,
Maple, Beginning cor. second Tract,
Black oak.
N
CONTAINS 56.5 ACRES
SCALE 1" = 200'


RED - IS WORK - AREAS - IN - SCHEELITE - TO - BE - EXPLORATION.
SHAMROCK NO
-1-
BLUE - ASSAYS - IN - WO3 - ONLY - 7/8 PER - CENT - DETERMINATION -
T - SCHEELITE IN PLACE
TF - SCHEELITE - FLOAT -
4 C
Engineer's Reports
Blaine Hartis M.E.
Al Lynch. Mine Foreman
Sheenan & Reed on Geology. U.S.G.S.
PROPOSED
OPEN - CUTS -
ORE BIN
0.7% WO3
MILL-PORTAL.
CUT-CHANNEL - FOR.
DENVER - EQUIP. CO -
FLOW - SHEET.
AS. PER - ATTACHED.
WO3 - 45%
.82% WO3
128 ft
STOPE. ON - 45.0.
.05 WO3
STOPE AREA
40.
60.
RAISE
.03%
.06% WO3
.19% WO3
.29% WO3
.19% WO3
.19% WO3
SILLAR
VERTICAL DEPTH
NO-1 LEVEL TO NO 11
496'
LINEL MEASURE
SERFACE 1280'
411' TO PORTAL
NO 1 - TO - 11 BACK
496'
SHAMROCK - # 5
Exhibit
5 B
SCHEELITE - SHOWING - HEAVY
IN - WASTE - DUMP
CROSS - CUT -
T - IN PLACE.
TF - 200' OPEN CUT
TF - 100' OPEN CUT
SHAMROCK - # 7
PROPOSED -
OPEN -
CUTS.
SHAMROCK # 10.
SHAMROCK
8