DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 3419

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To:	400	Date	7/20/54
To:	Oper Comm	Date	7-21-54
To:	400	Date	7-26
To:	Oper Comm	Date	8-30-54
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CONTROLLED DOCUMENT

SEP 7 1954

Messrs. Adison A. Dilts and
Theodore H. Kenzel
Conconully, Washington

Re: Docket No. DMEA 3419 - Tungsten and Tin
Tungsten Queen claims
Okanogan County, Washington

Gentlemen:

This will acknowledge your letter of August 26, 1954, inquiring about the subject application for exploration assistance.

Your letter apparently crossed in the mail with our letter of August 31, 1954, informing you that all information available to us indicated the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation and that no evidences of tin mineralization were noted.

Sincerely yours,

C. O. Mittenderf

Administrator

CC: DOCKET
CODE 400
FIELD TEAM, REG. II
ADM. READ. FILE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

LScott 9/3/54

AUG 2 1 1954

Messrs. Edison A. Lilts and
Theodore H. Wenzel
Conconully, Washington

Re: Docket No. DMEA 3419 - Tungsten
and Tin
Tungsten Queen claims
Okanogan County, Washington

Gentlemen:

Your application for aid for an exploration project and other data available to us in Washington relating to the above-named 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 all our information, although noting small amounts of tungsten mineralization on your property, indicates to us that the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation. No evidence of tin mineralization was noted. We regret to advise you, under the circumstances, that your application for exploration assistance is denied.

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

Sincerely yours,

Administrator

cc: DOCKET
FIELD TEAM, REG. 2
CODE 400
OPER. COMMITTEE
ADMIN. READ. FILE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

JHopkins/ls
8-26-54

August 26, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance in the amount of $7,999.00
Docket No. DMEA 3419 - Tungsten and Tin
Edison A. Dilts and Theodore H. Wenzel
Tungsten Queen claims
Okanogan County, Washington

The denial of the subject application is based on the following information:

The applicants' property is underlain by schist just to the east of a main contact with granitic intrusives.

Only a few rock exposures were seen on the claim. These were examined with a fluorescent lamp at night. At some of the exposures, tiny stringers containing scheelite could be detected. All stringers are quite short and are confined to iron-stained and leached fractures that dip nearly vertically.

The few rock exposures suggest that the bedrock is a low grade tactite in schistose rocks.

Four samples were taken of selected material at four different exposures. These showed good evidence of scheelite and assayed 0.07, 0.54, 0.27, and 0.10 percent tungsten.

No channel samples were cut across the exposures because it was obvious that resulting assays would show that the rock as a whole would be far too low in tungsten content to be worthy of further consideration.

The applicants proposed project would result in broken rock being dumped into a reservoir of the Okanogan Irrigation District which would decrease water storage space in the reservoir. Objections to the project were made by officials of the Irrigation District.

The examining geologist concluded that even apart from the objections of the Irrigation District, the program which the applicants proposed could hardly be justified. Too little bedrock was exposed to determine the extent of the scheelite-bearing zone, but what was exposed appeared to be too low grade to merit further exploration. It was, therefore, recommended that the application be denied.

The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the denial.

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

CC: DOCKET
CODE 400
ADM. READING FILE
OPER. COMMITTEE

JHopkins/ls
8-26-54

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

402

August 18, 1954

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

Re: Docket No. DMEA-3419 (tungsten)
Dilts and Wenzel
Tungsten Queen Claims
Okanogan County, Washington

Dear Mr. Selfridge:

Enclosed are four copies of an appraisal of the above cited application by Willard P. Puffett, Geological Survey. The Field Team concurs with the recommendation that the application be denied, as the grade of even the picked samples is low.

By Field Team, Region II

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

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

Enclosure
cc: USGS(2)
Puffett
JSV/mm

Reviewed by
DMEA OPERATING COMMITTEE
8-27-54
(date)

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

August 18, 1954

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. 3419 (tungsten), Application Examination, Dilts and Wenzel, Tungsten Queen Claims, Okanogan County, Washington.

APPLICANT

Edison A. Dilts, Leavenworth, Washington
Theodore H. Wenzel, Conconully, Washington

RECOMMENDATION AND SUMMARY

It is recommended that the application be denied. The applicants have staked two claims along the steep south shore of Salmon Lake, just east of the town of Conconully, Washington. A few rock exposures in the area suggest that the bedrock is a low-grade tactite in schistose rock which contains epidote, garnets, scattered brassy pyrite, and scattered, very thin stringers of scheelite. Selected samples of the rock in which the best indications of scheelite were found assayed from 0.07 to 0.54 percent tungsten.

The applicants desire to build a road up the steep south slope bordering the lake, and to drive 100 feet of drift and 100 feet of raise to explore the tungsten-bearing tactite zone.

An official of the Okanogan Irrigation District has stated in a letter that it would be against the policy of the irrigation district to permit any rock to be dumped into Salmon Lake as it would decrease storage space in the reservoir. It would be impossible to do the work for which the applicants have applied without dumping considerable broken rock into Salmon Lake, which is the reservoir for the irrigation district.

Reviewed by
DMEA OPERATING COMMITTEE
8-27-54
(date)

EXAMINATION

The Tungsten Queen claims were examined on Thursday afternoon and evening, July 22, 1954, by S. A. Magill, Engineer, Bureau of Mines, and Don Kellum and Willard P. Puffett, Geologists,

Geological Survey. The applicants, Messrs. Dilts and Wenzel, accompanied the examiners. Approximately 6 hours were spent at the property.

PROPERTY

The applicants have listed one claim in their application, although on the map accompanying the application they have shown three claims. The one claim is called the Tungsten Queen Lode. It is recorded on page 271 in Book 12 in the county records at Okanogan, the county seat of Okanogan County, Washington.

The northwest corner of the claim is on the south end of the dam on the west end of Salmon Lake, just east of Conconully, Washington. The side lines of the claim trend approximately southeast, paralleling the south shore of the lake. This south shore of the lake is a very steep slope, extending upward some three or four hundred feet above the level of the lake. Average slope of this bank is about 35 degrees.

A road extends from Conconully to the dam at the end of the lake. There are no surface facilities on the applicants' property.

PROPERTY RIGHTS

The applicants own the claims by right of location. Apparently the claims were staked in the first two weeks of July 1954.

COMPETENCY OF APPLICANTS

Mr. Dilts has had a number of years experience in mining ventures. He has worked for Three Peaks Mining Corporation of Salt Lake City, Utah, and has worked at manganese and scheelite producing properties in California.

Mr. Wenzel has had no experience in mining. Apparently he is a retired farmer.

GEOLOGY

A short description of the geology of the Conconully area is published in U. S. Geological Survey Bulletin 610. On Plate no. I of this report is shown a general geologic map of the area. According to this map, the applicants' property is underlain by schist, just to the east of a main contact with granitic intrusives.

Only a few rock exposures were seen on the Tungsten Queen claim. These rocks were finely foliated siliceous schists, light buff to light green in color, which contain scattered to abundant epidote and tiny brownish-red garnets, with occasional disseminations of brassy, bright, fine-grained pyrite. No good evidence of the exact orientation of the schist could be obtained, but it seemed to dip rather steeply to the east, and generally strikes in a southeast direction.

The rock exposures were examined with a fluorescent lamp at night. At some of the exposures, tiny stringers containing scheelite could be detected. All of these stringers appear to be quite short and are confined to iron-stained and leached fractures that dip nearly vertically.

The outcrops extend from near the central part of the slope, approximately 300 feet above the lake level, to the top of the slope, about 400 feet above the lake level. The maximum horizontal distance over which exposures of scheelite could be found is more than 300 feet. No definite orientation of the scheelite-bearing zone could be determined. There is a suggestion that a rather wide, low-grade scheelite-bearing zone does occur on the south shore of the lake.

Four samples were taken from four different exposures. No attempt was made to cut channel samples across any of the exposures, as obviously the resulting assays would show that the rock as a whole would be far too low in tungsten content to be worthy of further consideration. The four samples of the selected material containing good evidence of scheelite assayed 0.07, 0.54, 0.27, and 0.10 percent tungsten.

APPLICANTS' PROPOSAL

The applicants propose a project to build a road along the steep south slope bordering Salmon Lake, and to drive 100 feet of drift and 100 feet of raise to explore the tungsten-bearing zone.

Mr. David P. Brown, Manager of the Okanogan Irrigation District, was contacted to determine if there were serious objections to having a road built along the slopes above the reservoir. In a letter dated July 29, 1954, he stated that there would be objections to such a project as the broken rock that would be dumped into the lake would decrease water storage space.

Even apart from these objections, there seems little to justify the program which the applicants have proposed. They have

exposed far too little of the bedrock to determine the extent of the scheelite-bearing zone, and that which has been exposed appears to be too low grade to merit further exploration.

Distribution:
- [illegible](4)
- [illegible](2)
- [illegible](RO)
- Bonbet
- Purfett

IN REPLY REFER TO:

400

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

August 26, 1954

Re: DMEA-3419
Tungsten Queen Claims
Okanogan Co., Wash.
#7,999 - Tungsten

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Concurrence with Field Team recommendation for denial

The applicant proposed to build an access road, and to drive 100 feet of drift and 100 feet of raise to explore a tungsten-bearing zone.

The Field Team has recommended the application be denied.

Sampling at four locations was limited to selected material which ranged in assay values from 0.07 to 0.34 percent tungsten. Inasmuch as these samples were not mining width channel samples the average grade of tungsten mineralization on the property is very submarginal. A significant discovery of minable or marginal ore cannot reasonably be expected to be made by the applicant's proposal.

I concur with the Field Team and recommend this application be denied.

E. L. Newcomb

ELNewcomb:hlm
G-8/26/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

400

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

August 11, 1954

Memorandum

To: W. S. Martin, DMEA, Room 3538

From: R. W. Geehan

Subject: DMEA 3419 - Tungsten
Edison A. Dilts and Theodore H. Wenzel

Referring to the subject docket:

It is recommended that this be referred to the field team.

The item for timbers under "Rehabilitation" is not clear.

R. W. Geehan

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

400

August 11, 1954

Memorandum

To: W. S. Martin, DMEA, Room 3538

From: R. W. Geehan

Subject: DMEA 3419 - Tungsten
Edison A. Dilts and Theodore H. Wenzel

Referring to the subject docket:

It is recommended that this be referred to the field team.

The item for timbers under "Rehabilitation" is not clear.

R. W. Geehan

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 8 1954
U. S. G. S.
SPOKANE, WASH.

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

RECEIVED
OCT 19 1954

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. 3419
Metal or Mineral Tungsten
Date Received
Estimated Cost $7,999
Participation (Government %)

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: Edison A. Dilts. Theodore H. Wenzel.
Concrete, Washington.
Home Address — Leavenworth, Washington.
This is a partnership of the above mentioned names.

(*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 "Tungsten Queen" Book 12 quartz Page 271

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Held by right of location

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it None

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

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

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

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

16—66551-1

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

(*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 60 days and be completed within 4 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.).

(*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)?

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

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

Explain in detail on acompanying paper.

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 7 — 7, 1954

Edson A. Dell & Theodore Gaiwenzel
(Applicant)

By a partnership

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

TUNGSTEN QUEEN CLAIM.

4. (a) Open cut has been started exposing vein for a width of 12 ft. For examination: very accessible. (Work done by us.)

(b) Past production, none. Newly staked claims.

(c) Geological features: a large pegmentitish dike with some biotite granite. Mineralization: Scheelite with some traces of cassiterite concentrated through on foot wall side of large dyke being 40 ft in width, and can be traced with black lamp for 300 ft. on vein. My reasons for exploring is to test the values in the above mentioned. Sketch map 4C attached.

(d) Project very accessible. Hard surface road within half mile. 300 ft. of road to be built. Half a mile graveled road to project. Elevation at portal will be 2000 ft.above sea level. Distance to shipping point, a town called RIVERSIDE, on Great Northern 12 miles; OMAK on R.R. 18 miles on hard surface road from mine. Mining supply point, Spokane, Washington 160 miles, Seattle,Washington 260 miles. Local residence are available. Conconully half a mile from mine.

(e) This being an old mining district, there are plenty of experienced miners available. Materials: Sawmill half a mile from Conconully. Hardware stores,Omak,Washington. Equipment: Have enuf equipment for project outside of minor repairs and miscellaneous. In detail: Compressor Schramm 210. track and cars, airline. Will have to buy drifter and drill steel, preferCopco equipment. ~~Water~~: Water in lake a distance of 200 ft from proposed portal. Power: Electricity within 1000 ft. from proposed portal.

5 (a) Tungsten and cassiterite.

(b) Refer to Sketch 4 C. attached.

(c) Work will start within 30 days and be completed in 4 months, if contract approved.

(d) Experience: Twenty years in mine development. Have fair education, and have studied geology and mineralogy. Also have worked for several large companies. If reference is needed, could contact Clarence B. Reynolds,1010 South Fourth St.EAST , Salt Lake City,Utah.(Mining Engineer for the THREE PEAKS MINING CORP.) -- Last mine developed was at Cross Roads, Calif, which shipped the highest grade of man ganese ore to the Gov. buying depot at Wenden, Ariz. for stockpile. -- Worked for 2 years in Scheelite in the Bishop area of California for the California TungstenCo. of Salt Lake City, also for the Benware Tungsten Concentrating Co. at Bishop,Calif.

6. (a) Estimated Costs: Cost sheet attached.

6 B.

LABOR SUPERVISION & CONSULTANTS:

No I -- Drifting labor on 100 ft.	25 days, two men --$30 per day --	$ 750.00
2 -- Raising, 100 ft -labor	25 days 2 men --$ 30 " " --	750.00
3 -- Track laying labor	10 days $14. per day --- --- ---	140.00
4-- Timbering Labor	10 days $14.00 per day --- --- ---	140.00
Labor Supervision	$ 16.00 per day ---------- 50 days ----------	800.00
	Total --------	$ 2580.00.

Operating equipment:- 6. (d).

Compressor --rental 90 days operation, ----------	$250.00
Car, track, and airline, and other parts thereof, 90 days------	170.00
Drifter (Copco) to be purchased -------- -------	486.00
Drill steel 7¢ for 3000 ft. hole. to be purchased	210.00
Total	$1116 .00.

6 (e). Rehabilitation and repairs:-

Installing timbers 12,000 ft. 6x6 ----- --------- -----	$ 1000.00
Repair, overhaul, compressor. ----- ----- ------	200.00
Total	$ 1200.00

(f) NONE.

(g) Miscellaneous. Sheet attached, under materials & supplies.

Analytical work, ---------- ------ ----------	$ 200.00
Accountant, ---------- ------ ----------	200.00
Workmens Compensation --------- ----------	85.00
Liability insurance, --------- ----------	250.00
Payroll taxes, --------- ---------	85.00
Total	$ 820.00

(h(Contingencies:-

Road construction 300 ft. ------ --------- --------- ---	$450.00.
Transportation and installing, equipment, servicing mine. ---------	$ 900.00
Complete Project Total	$ 7999.00.

6 C —OPERATING MATERIALS & SUPPLIES.

1 - Track spikes.
2 - Mining wedges.
3 - 2 mucking ~~[illegible]~~ shovels
4 - 2 miner picks.
5 - 1 water submerine.
6 - 1 water supply tank and hose connections.
7 - 1 25lb. keg spikes.
8 - 1 25lb keg nails.
9 - 1 8lb sledge hammer
10 - 2 single jack hammers.
11 - 2 hard hats.
12 - 2 carbide hat lamps.
13 - 1 mineral light.
14 - 1 doz. fish plates for rail.
15 - 10 lbs fish plate bolts for track.
16 - 2 wet cell batteries, 6 volt for motors.
17 - 1 25lb can carbide.
18 - 1 pr gum boots, knee.
19 - Compressor oil.

Estimated cost for above list --- -- -- $ 1,000

FUEL:

Compressor gasoline	1,250 Gal. at	30¢	-------	$375.00
" Lub. Oil	200 qts. "	40¢	-------	80.00
~~Water~~ WATER ----------		$2.00 perday	----	100.00
Electricity	--- won't be necessary.			
Powder, Caps, Fuse	----------			$ 378.00
				~~$933.00~~
				$ 933.00

7 (a) Yes, furnishing equipment.

(b) By furnishington equipment, and all timbers needed for this project, also labor needed for same. Will supply one pickup truck for transportation and servicing the mine.

IN REPLY REFER TO:

407

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

July 23, 1954

Memorandum

To: Mr. W. S. Martin, IMLA

From: R. D. Trace, USGS

Subject: Review of application

Re: IMLA-3419
Hilts and Wenzel
Tungsten Queen Claims
Concomully district
Okanogan County, Wash.
87,999
Tungsten

Summary of applicant's proposal: 100 feet of drifting and 100 feet of raising to explore for vein deposits of scheelite.

Sources of information:

(1) Tungsten resources of Washington, State of Washington Division of Geol. Bull. No. 34, 1945.

(2) Memorandum report, Lady of the Lake mine, Concomully district, Okanogan County, Washington, by F. W. Hobbs, (1 page manuscript in files of USGS), 1944.

Comments: We have no information about the applicant's property. However, the Concomully district in 1945 was known to contain a few tungsten prospects, 3 of which are within a mile of the applicant's claims. None had shipped any tungsten ore as the grade of the tungsten has been described as averaging 0.1 to 0.2 percent WO_3 or a small fraction of 1 percent tungsten.

Because of the low grade of the known tungsten deposits in the district - and there is nothing in the application to suggest otherwise - and in view of the incomplete data presented by the applicant, we doubt that the project has merit. For example, the applicant merely states that a vein containing scheelite can be traced "with lamp black" for 300 feet. A systematic sampling of this vein should be done before any further work is undertaken.

Recommendation: The applicant should be asked to submit more data, particularly regarding vein widths and assays of samples thereof. If such data were obtained and it suggested the occurrence of tungsten deposits higher in grade than previously described for the district, a field team should investigate the Tungsten Queen claims.

R. D. Trace
Geologist

JUL 22 1954

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

Re: Docket No. DMEA 3419 - Tungsten & Tin
Edison A. Dilts & Theodore H. Wessel
Tungsten Queen claims
Okanogan County, Washington

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of July 13, 1954, which states that a field examination of the property will be made.

We will, therefore, hold this application in abeyance until the report and recommendations by the Field Team are received.

In reviewing the subject application, it was noted that adjoining claims may be benefited by the proposed exploration. Recording data should be obtained for the other claims if a project is recommended and these claims are to be included.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

FARUTLEDGE:foc
7-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 2
R. W. Geehan, USBM
E. L. Newcomb, USGS-Rm.5227

JUL 22 1954

Messrs. Edison A. Dilts &
Theodore H. Wensel
Conconully, Washington

Re: Docket No. DMEA 3419 - Tungsten
and Tin
Tungsten Queen claims
Okanogan County, Washington

Gentlemen:

The above-docketed application for exploration assistance 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 II, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARUTLEDGE:foc
7-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 2
R. W. Geehan, USBM
E. L. Newcomb, USGS, Rm. 5227

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
[illegible] Street
[illegible], Washington

400

[illegible] 22, [illegible]

[illegible]
[illegible]
Department of the Interior
[illegible], D. C.

dmea 3419

Re: [illegible]
[illegible]
[illegible]
[illegible]

Dear Mr. [illegible]:

[illegible]

[illegible]

Sincerely yours,

[illegible]
[illegible]
[illegible]

[illegible]
[illegible]
[illegible]

DOCKET
Surname:
Martin

SEP 7 1954

Messrs. Edison A. Dilts and
Theodore H. Wenzel
Conconully, Washington

Re: Docket No. DMEA 3419 - Tungsten
and Tin
Tungsten Queen claims
Okanogan County, Washington

Gentlemen:

This will acknowledge your letter of August 26, 1954, inquiring about the subject application for exploration assistance.

Your letter apparently crossed in the mail with our letter of August 31, 1954, informing you that all information available to us indicated the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation and that no evidences of tin mineralization were noted.

Sincerely yours,

C. O. Mittendorf

Administrator

CC: DOCKET
CODE 400
FIELD TEAM, REG. II
ADM. READ. FILE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

LScott 9/3/54

R.C.G.

DOCKET
Surname:

Hopkins
Martin
Geehan
Newcomb
Hedges
Kiilsgaard
Selfridge
Johnson

400

AUG 31 1954

Messrs. Edison A. Dilts and
Theodore H. Wenzel
Conconully, Washington

Re: Docket No. DMEA 3419 - Tungsten
and Tin
Tungsten Queen claims
Okanogan County, Washington

Gentlemen:

Your application for aid for an exploration project and other data available to us in Washington relating to the above-named 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 all our information, although noting small amounts of tungsten mineralization on your property, indicates to us that the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation. No evidence of tin mineralization was noted. We regret to advise you, under the circumstances, that your application for exploration assistance is denied.

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

Sincerely yours,

C. O. Mittendorf

Administrator

cc: DOCKET
FIELD TEAM, REG. 2
CODE 400
OPER. COMMITTEE
ADMIN. READ. FILE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

JHopkins/ls
8-26-54

R.C.G.

Conconully, Wash.
Aug 26, 1954.

AUG 30 1954

U.S. Dept. of the Interior,
Defence Minerals Ex. Ad.

Sirs;

Referring to our application DOCKET DMEA 3419 Re: Exploration Assistance Tungsten Queen Claims, we would like to know at your earliest convenience as we are anxious to get started on this exploration.

WSM

We would appreciate an early reply.

Yours truly

(per) E. A. Dills
J. H. Wenzel

denial prepared 8/26/54; & mailed 8/31/54

DOCKET
Surname:
Hopkins
Martin
Hughes
Newcomb

August 26, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance in the amount of $7,999.00
Docket No. DMEA 3419 - Tungsten and Tin
Edison A. Dilts and Theodore H. Wenzel
Tungsten Queen claims
Okanogan County, Washington

The denial of the subject application is based on the following information:

The applicants' property is underlain by schist just to the east of a main contact with granitic intrusives.

Only a few rock exposures were seen on the claim. These were examined with a fluorescent lamp at night. At some of the exposures, tiny stringers containing scheelite could be detected. All stringers are quite short and are confined to iron-stained and leached fractures that dip nearly vertically.

The few rock exposures suggest that the bedrock is a low grade tactite in schistose rocks.

Four samples were taken of selected material at four different exposures. These showed good evidence of scheelite and assayed 0.07, 0.54, 0.27, and 0.10 percent tungsten.

No channel samples were cut across the exposures because it was obvious that resulting assays would show that the rock as a whole would be far too low in tungsten content to be worthy of further consideration.

The applicants proposed project would result in broken rock being dumped into a reservoir of the Okanogan Irrigation District which would decrease water storage space in the reservoir. Objections to the project were made by officials of the Irrigation District.

R.C.G.

The examining geologist concluded that even apart from the objections of the Irrigation District, the program which the applicants proposed could hardly be justified. Too little bedrock was exposed to determine the extent of the scheelite-bearing zone, but what was exposed appeared to be too low grade to merit further exploration. It was, therefore, recommended that the application be denied.

The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the denial.

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

CC: DOCKET
CODE 400
ADM. READING FILE
OPER. COMMITTEE

JHopkins/ls
8-26-54

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

August 26, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance in the amount of $7,999.00
Docket No. DMEA 3419 - Tungsten and Tin
Edison A. Dilts and Theodore H. Wenzel
Tungsten Queen claims
Okanogan County, Washington

The denial of the subject application is based on the following information:

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The few rock exposures suggest that the bedrock is a low grade tactite in schistose rocks.

Four samples were taken of selected material at four different exposures. These showed good evidence of scheelite and assayed 0.07, 0.54, 0.27, and 0.10 percent tungsten.

No channel samples were cut across the exposures because it was obvious that resulting assays would show that the rock as a whole would be far too low in tungsten content to be worthy of further consideration.

The applicants proposed project would result in broken rock being dumped into a reservoir of the Okanogan Irrigation District which would decrease water storage space in the reservoir. Objections to the project were made by officials of the Irrigation District.

The examining geologist concluded that even apart from the objections of the Irrigation District, the program which the applicants proposed could hardly be justified. Too little bedrock was exposed to determine the extent of the scheelite-bearing zone, but what was exposed appeared to be too low grade to merit further exploration. It was, therefore, recommended that the application be denied.

The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the denial.

W S Martin

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

Docket

IN REPLY REFER TO:

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

August 26, 1954

W3M

Re: DMEA-3419
Tungsten Queen Claims
Okanogan Co., Wash.
$7,999 - Tungsten

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Concurrence with Field Team recommendation for denial

The applicant proposed to build an access road, and to drive 100 feet of drift and 100 feet of raise to explore a tungsten-bearing zone.

The Field Team has recommended the application be denied.

Sampling at four locations was limited to selected material which ranged in assay values from 0.07 to 0.54 percent tungsten. Inasmuch as these samples were not mining width channel samples the average grade of tungsten mineralization on the property is very submarginal. A significant discovery of minable or marginal ore cannot reasonably be expected to be made by the applicant's proposal.

I concur with the Field Team and recommend this application be denied.

E. L. Newcomb

E. L. Newcomb

DOCKET

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 18, 1954

WSM

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

Re: Docket No. DMEA-3419 (tungsten)
Dilts and Wenzel
Tungsten Queen Claims
Okanogan County, Washington

Dear Mr. Selfridge:

Enclosed are four copies of an appraisal of the above cited application by Willard P. Puffett, Geological Survey. The Field Team concurs with the recommendation that the application be denied, as the grade of even the picked samples is low.

By Field Team, Region II

A. E. Weissenborn

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

Wing G. Agnew

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

Enclosure
cc: USBM(2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 18, 1954 8/30/54

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. 3419 (tungsten), Application Examination, Dilts and Wenzel, Tungsten Queen Claims, Okanogan County, Washington.

APPLICANT

Edison A. Dilts, Leavenworth, Washington
Theodore H. Wenzel, Conconully, Washington

RECOMMENDATION AND SUMMARY

It is recommended that the application be denied. The applicants have staked two claims along the steep south shore of Salmon Lake, just east of the town of Conconully, Washington. A few rock exposures in the area suggest that the bedrock is a low-grade tactite in schistose rock which contains epidote, garnets, scattered brassy pyrite, and scattered, very thin stringers of scheelite. Selected samples of the rock in which the best indications of scheelite were found assayed from 0.07 to 0.54 percent tungsten.

The applicants desire to build a road up the steep south slope bordering the lake, and to drive 100 feet of drift and 100 feet of raise to explore the tungsten-bearing tactite zone.

An official of the Okanogan Irrigation District has stated in a letter that it would be against the policy of the irrigation district to permit any rock to be dumped into Salmon Lake as it would decrease storage space in the reservoir. It would be impossible to do the work for which the applicants have applied without dumping considerable broken rock into Salmon Lake, which is the reservoir for the irrigation district.

EXAMINATION

The Tungsten Queen claims were examined on Thursday afternoon and evening, July 22, 1954, by E. A. Magill, Engineer, Bureau of Mines, and Don Kellum and Willard P. Puffett, Geologists,

Geological Survey. The applicants, Messrs. Dilts and Wenzel, accompanied the examiners. Approximately 6 hours were spent at the property.

PROPERTY

The applicants have listed one claim in their application, although on the map accompanying the application they have shown three claims. The one claim is called the Tungsten Queen Lode. It is recorded on page 271 in Book 12 in the county records at Okanogan, the county seat of Okanogan County, Washington.

The northwest corner of the claim is on the south end of the dam on the west end of Salmon Lake, just east of Conconully, Washington. The side lines of the claim trend approximately southeast, paralleling the south shore of the lake. This south shore of the lake is a very steep slope, extending upward some three or four hundred feet above the level of the lake. Average slope of this bank is about 35 degrees.

A road extends from Conconully to the dam at the end of the lake. There are no surface facilities on the applicants' property.

PROPERTY RIGHTS

The applicants own the claims by right of location. Apparently the claims were staked in the first two weeks of July 1954.

COMPETENCY OF APPLICANTS

Mr. Dilts has had a number of years experience in mining ventures. He has worked for Three Peaks Mining Corporation of Salt Lake City, Utah, and has worked at manganese and scheelite producing properties in California.

Mr. Wenzel has had no experience in mining. Apparently he is a retired farmer.

GEOLOGY

A short description of the geology of the Conconully area is published in U. S. Geological Survey Bulletin 640. On Plate no. I of this report is shown a general geologic map of the area. According to this map, the applicants' property is underlain by schist, just to the east of a main contact with granitic intrusives.

Only a few rock exposures were seen on the Tungsten Queen claim. These rocks were finely foliated siliceous schists, light buff to light green in color, which contain scattered to abundant epidote and tiny brownish-red garnets, with occasional disseminations of brassy, bright, fine-grained pyrite. No good evidence of the exact orientation of the schist could be obtained, but it seemed to dip rather steeply to the east, and generally strikes in a southeast direction.

The rock exposures were examined with a fluorescent lamp at night. At some of the exposures, tiny stringers containing scheelite could be detected. All of these stringers appear to be quite short and are confined to iron-stained and leached fractures that dip nearly vertically.

The outcrops extend from near the central part of the slope, approximately 200 feet above the lake level, to the top of the slope, about 400 feet above the lake level. The maximum horizontal distance over which exposures of scheelite could be found is more than 500 feet. No definite orientation of the scheelite-bearing zone could be determined. There is a suggestion that a rather wide, low-grade scheelite-bearing zone does occur on the south shore of the lake.

Four samples were taken from four different exposures. No attempt was made to cut channel samples across any of the exposures, as obviously the resulting assays would show that the rock as a whole would be far too low in tungsten content to be worthy of further consideration. The four samples of the selected material containing good evidence of scheelite assayed 0.07, 0.54, 0.27, and 0.10 percent tungsten.

APPLICANTS' PROPOSAL

The applicants propose a project to build a road along the steep south slope bordering Salmon Lake, and to drive 100 feet of drift and 100 feet of raise to explore the tungsten-bearing zone.

Mr. David P. Brown, Manager of the Okanogan Irrigation District, was contacted to determine if there were serious objections to having a road built along the slopes above the reservoir. In a letter dated July 29, 1954, he stated that there would be objections to such a project as the broken rock that would be dumped into the lake would decrease water storage space.

Even apart from these objections, there seems little to justify the program which the applicants have proposed. They have

exposed far too little of the bedrock to determine the extent of the scheelite-bearing zone, and that which has been exposed appears to be too low grade to merit further exploration.

Distribution:
DMEA(4)
USBM(2)
USGS(SRO)
Docket
Puffett

Docket

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

August 11, 1954

WSM

Memorandum

To: W. S. Martin, DMEA, Room 3538

From: R. W. Geehan

Subject: DMEA 3419 - Tungsten
Edison A. Dilts and Theodore H. Wenzel

Referring to the subject docket:

It is recommended that this be referred to the field team.

The item for timbers under "Rehabilitation" is not clear.

R. W. Geehan

R. W. Geehan

Case to F.T. 7/21
July - "report in preparation"

Docket

IN REPLY REFER TO:

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

July 23, 1954

Memorandum

To: Mr. W. S. Martin, DMEA

From: R. D. Trace, USGS

Subject: Review of application

Re: DMEA-3419
Dilts and Wenzel
Tungsten Queen Claims
Conconully district
Okanogan County, Wash.
$7,999
Tungsten

FWR.

Summary of applicant's proposal: 100 feet of drifting and 100 feet of raising to explore for vein deposits of scheelite.

Sources of information:

(1) Tungsten resources of Washington, State of Washington Division of Geol. Bull. No. 34, 1945.

(2) Memorandum report, Lady of the Lake mine, Conconully district, Okanogan County, Washington, by S. W. Hobbs, (1 page manuscript in files of USGS), 1944.

Comments: We have no information about the applicant's property. However, the Conconully district in 1945 was known to contain a few tungsten prospects, 3 of which are within a mile of the applicant's claims. None had shipped any tungsten ore as the grade of the tungsten has been described as averaging 0.1 to 0.2 percent WO_3 or a small fraction of 1 percent tungsten.

Because of the low grade of the known tungsten deposits in the district - and there is nothing in the application to suggest otherwise - and in view of the incomplete data presented by the applicant, we doubt that the project has merit. For example, the applicant merely states that a vein containing scheelite can be traced "with lamp black" for 300 feet. A systematic sampling of this vein should be done before any further work is undertaken.

Recommendation: The applicant should be asked to submit more data, particularly regarding vein widths and assays of samples thereof. If such data were obtained and it suggested the occurrence of tungsten deposits higher in grade than previously described for the district, a field team should investigate the Tungsten Queen claims.

RD Trace
R. D. Trace
Geologist

IN REPLY REFER TO:

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

July 23, 1954

Memorandum

To: Mr. W. S. Martin, DMEA

From: R. D. Trace, USGS

Subject: Review of application

Re: DMEA-3419
Dilts and Wenzel
Tungsten Queen Claims
Conconully district
Okanogan County, Wash.
$7,999
Tungsten

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Recommendation: The applicant should be asked to submit more data, particularly regarding vein widths and assays of samples thereof. If such data were obtained and it suggested the occurrence of tungsten deposits higher in grade than previously described for the district, a field team should investigate the Tungsten Queen claims.

R. D. Trace
Geologist

IN REPLY REFER TO:

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

July 23, 1954

Memorandum

To: Mr. W. S. Martin, IMLA

From: R. D. Trace, USGS

Subject: Review of application

Re: IMLA-3419
Dilts and Wenzel
Tungsten Queen Claims
Conconully district
Okanogan County, Wash.
37,999
Tungsten

Summary of applicant's proposal: 100 feet of drifting and 100 feet of raising to explore for vein deposits of scheelite.

Sources of information:

(1) Tungsten resources of Washington, State of Washington Division of Geol. Bull. No. 34, 1945.

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Comments: We have no information about the applicant's property. However, the Conconully district in 1945 was known to contain a few tungsten prospects, 3 of which are within a mile of the applicant's claims. None had shipped any tungsten ore as the grade of the tungsten has been described as averaging 0.1 to 0.2 percent WO_3 or a small fraction of 1 percent tungsten.

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Recommendation: The applicant should be asked to submit more data, particularly regarding vein widths and assays of samples thereof. If such data were obtained and it suggested the occurrence of tungsten deposits higher in grade than previously described for the district, a field team should investigate the Tungsten Queen claims.

R. D. Trace
Geologist

400

DOCKET
SURNAME
Rutledge
Selfridge
Johnson

JUL 22 1954

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

Re: Docket No. DMEA 3119 - Tungsten & Tin
Edison A. Dilts & Theodore H. Wenzel
Tungsten Queen claims
Okanogan County, Washington

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of July 13, 1954, which states that a field examination of the property will be made.

We will, therefore, hold this application in abeyance until the report and recommendations by the Field Team are received.

In reviewing the subject application, it was noted that adjoining claims may be benefited by the proposed exploration. Recording data should be obtained for the other claims if a project is recommended and these claims are to be included.

Sincerely yours,

George C. Selfridge (GCS)
Chairman, Operating Committee

APPROVED:

J. H. Hedges (JHH)
Member, Bureau of Mines

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

FARUTLEDGE:foc
7-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 2
R. W. Geehan, USBM
E. L. Newcomb, USGS-Rm.5227

R.C.A.

400
DOCKET
SURNAME
Rutledge
Thayer
Hodges
Rutledge
Flanagan

JUL 22 1954

Messrs. Edison A. Dilts &
Theodore H. Wensel
Conconully, Washington

Re: Docket No. DMEA 3419 - Tungsten
and Tin
Tungsten Queen claims
Okanogan County, Washington

Gentlemen:

The above-docketed application for exploration assistance 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 II, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

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

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FARUTLEDGE:foc
7-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 2
R. W. Geehan, USBM
E. L. Newcomb, USGS, Rm. 5227

R.C.G.

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

July 20, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II.

DMEA-3419 Dilts & Wenzel

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

July 20, 1954

Messrs. Edison A. Dilts
& Theodore H. Wenzel
Conconully
Washington

Subject: DMEA-3419
Re: Exploration Assistance
Tungsten Queen Claims

Gentlemen:

The receipt of your application dated July 7, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3419 and referred to the Iron and Ferro Alloys Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

July 13, 1954

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

Re: DMEA Application (Tungsten)
Dilts and Wenzel
Tungsten Queen Claim
Okanogan County, Washington

Dear Mr. Selfridge:

Enclosed are three copies of an application for DMEA assistance in the exploration of a scheelite property on a newly-staked claim on the south shore of Conconully Lake, Okanogan County, Washington. We are retaining one copy of the application.

Our field men will be in Okanogan County within the next two weeks and at that time will make an examination of this property.

Sincerely yours,

Willard P. Puffett

Willard P. Puffett
for: A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

Enclosures
cc: USBM(2)
Puffett

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JUL 8 1954
U. S. G. S.
SPOKANE, WASH.

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. 3419
Metal or Mineral Tungsten & Tin
Date Received
Estimated Cost $7,999
Participation (Government %)

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: Edison A. Dilts Theodore H. Wenzel
Concomully, Washington.
Home Address - Leavenworth Washington
This is a partnership of the above mentioned names.

(*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 "Tungsten Queen" Book 12 of Quarry Page 271

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Held by right of location.

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it None

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

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

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

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

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

(*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 60 days and be completed within 4 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.).

(*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)?

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

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper.

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 7 — 7 —, 1954

Edison A. Dello Theodore Havenzel
(Applicant)

By a partnership

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

TUNGSTEN QUEEN CLAIM.

4. (a) Open cut has been started exposing vein for a width of I2 ft. For examination, very assessible. (Work done by us.)
(b) Past production, none. Newly staked claims.

(c) Geological features: A large pegmentitish dike with some biotite granite. Mineralization: Scheelite with some traces of cassiterite concentrated through on foot wall-side of a large dike being 40 ft. in width, and can be traced with Black Lamp for 300 ft. on vein. My reasons for exploring is to test the values in the above mentioned. Sketch Map 4c attached.

(d) Project very accessible, Hard surface road within half mile. 300 ft. of road to be built. Half a mile gravelled road to project. Elevation at portal will be 2000 ft. above sea level. Distance to shipping point, a town of Riverside, on Great Northern I2 miles, Omak on R.R. I8 miles, on hard surfaced road from mine. Mining supply point, Spokane, Washington I60 miles, Seattle Washington 260 miles. Residents available, Conconully half a mile from mine.

(e) This being an old mining district, there arepplenty of experienced miners available. Materials: Saw mill half a mile from project at Conconully. Hardware stores, Omak, Washington. Equipment: Have enough equipemnt for project, outside of minorsrepairs and miscellaneous. In detail: Compressor Parker Schramm 2I0, track and cars, airline. Will have to buy a drifter and drill steel, prefer Copco equipment. ~~Water~~: Water in lake a distance of 200 ft.from proposed portal. Power: Electricity within I000 ft. from proposed portal.

5. (a) Tungsten and cassiterite.
(b) Refer to Sketch Map 4.c, attached.
(c) Work will start within 30 days and be completed in 4 months, if contract approved.
(d) Experience: Twenty years in mine development. Have fair education, and have studied geolgy and mineralogy. Also have worked for several large companies. If reference is needed, could contact Clarence B. Reynolds, I0I0 South Fourth St. East, Salt Lake City, Utah. Mining Engineer for the Three Peaks Mining Corp. Last mine developed was at Cross Roads, Calif, which shipped the highest grade of manganese ore to the Gov. buying depot at Wenden, Ariz. for stockpile. Worked for 2 years in Scheelite in the Bishop area of Calif. for the California Tungsten Co. of Salt Lake City, also for the Benware Tungsten Concentrating Co. at Bishop, Calif.

6. (a) Estimated costs: Sheet attached.

6.B.

LABOR? SUPERVISION & CONSULTANTS:

No I --	Drifting labor on I00 ft.	25 days, two men --$30 per day --	$ 750.00
2 --	Raising, I00 ft -~~laber~~	25 days 2 men --$ 30 " " --	750.00
3 --	Track laying labor	I0 days $I4. per day --- --- ---	I40.00
4--	Timbering Labor	I0 days $I4.00 per day --- --- ---	I40.00
	Labor Supervision	@ I6.00 per day ---------- 50 days ---	800.00
		Total -------$	2580.00.

Operating equipment:- 6. (d).

Compressor --rental 50 days operation, ----------	$250.00
Car, track, and airline, and other parts thereof, 50 days------	I70.00
Drifter (Copco) ------ to be purchased----	486.00
Drill steel 7¢ for 3000 ft. hole.--to be purchased	2I0.00
Total	$III6 .00.

6 (e). Rehabilitation and repairs:-

Installing timbers I2,000 ft. 6x6 ----- --------- -----	$ 1000.00
Repair, overhaul, compressor. ----- ----- ------	200.00
Total	$ I200.00

(f) NONE.

(g) Miscellaneous. Sheet attached, under materials & supplies.

Analytical work, ---------- ------- ----------	$ 200.00
Accountant, ---------- ------- ----------	200.00
Workmens Compensation ---------- ----------	85.00
Liability insurance, ---------- ----------	250.00
Payroll taxes, ---------- ----------	85.00
Total	$ 820.00

(h(Contingencies:-

Road construction 300 ft. ------ --------- ---------- ---	$450.50.
Transportation and installing, equipment, servicing mine. ---------	$ 900.00

Complete Project Total $ 7999.00.

6 C --OPERATING MATERIALS & SUPPLIES.

I - Track spikes.
2 - Mining wedges.
3 - 2 mucking ~~[illegible]~~ shovels
4 - 2 miner picks.
5 - I water submerine.
6 - I water supply tank and hose connections.
7 - I 25lb. keg spikes.
8 - I 25lb keg nails.
9 - I 8lb sledge hammer
I0 - 2 single jack hammers.
II - 2 hard hats.
I2 - 2 carbide hat lamps.
I3 - I mineral light.
I4 - I doz. fish plates for rail.
I5 - I0 lbs fish plate bolts for track.
I6 - 2 wet cell batteries, 6 volt for motors.
I7 - I 25lb can carbide.
I8 - I pr gum boots, knee.
I9 - Compressor oil.

Estimated cost for above list --- -- -- $ I,000

FUEL:

Compressor gasoline	I,250 Gal.	at	30¢	--------	$375.00
" Lub." Oil	200 qts.	"	40¢	--------	80.00
~~[illegible]~~ WATER	----------	"	$2.00 perday	----	I00.00
Electricity	--- won't be necessary.				
Powder, Caps, Fuse	----------				$ 378.00
					~~$555.00~~
					$ 933.00

7 (a) Yes, furnishing equipment.

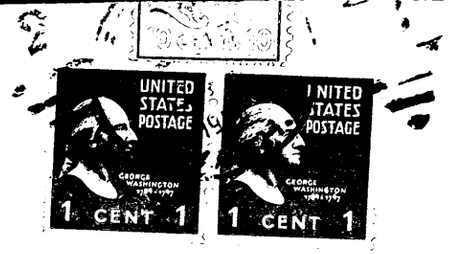
(b) By furnishing equipment, and all timbers needed for this project, also labor needed for same. Will supply one pickup truck for transportation and servicing the mine.

EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~

OFFICIAL BUSINESS

U. S. GEOLOGICAL SURVEY
SOUTH 157 HOWARD ST.
SPOKANE 4, WASHINGTON

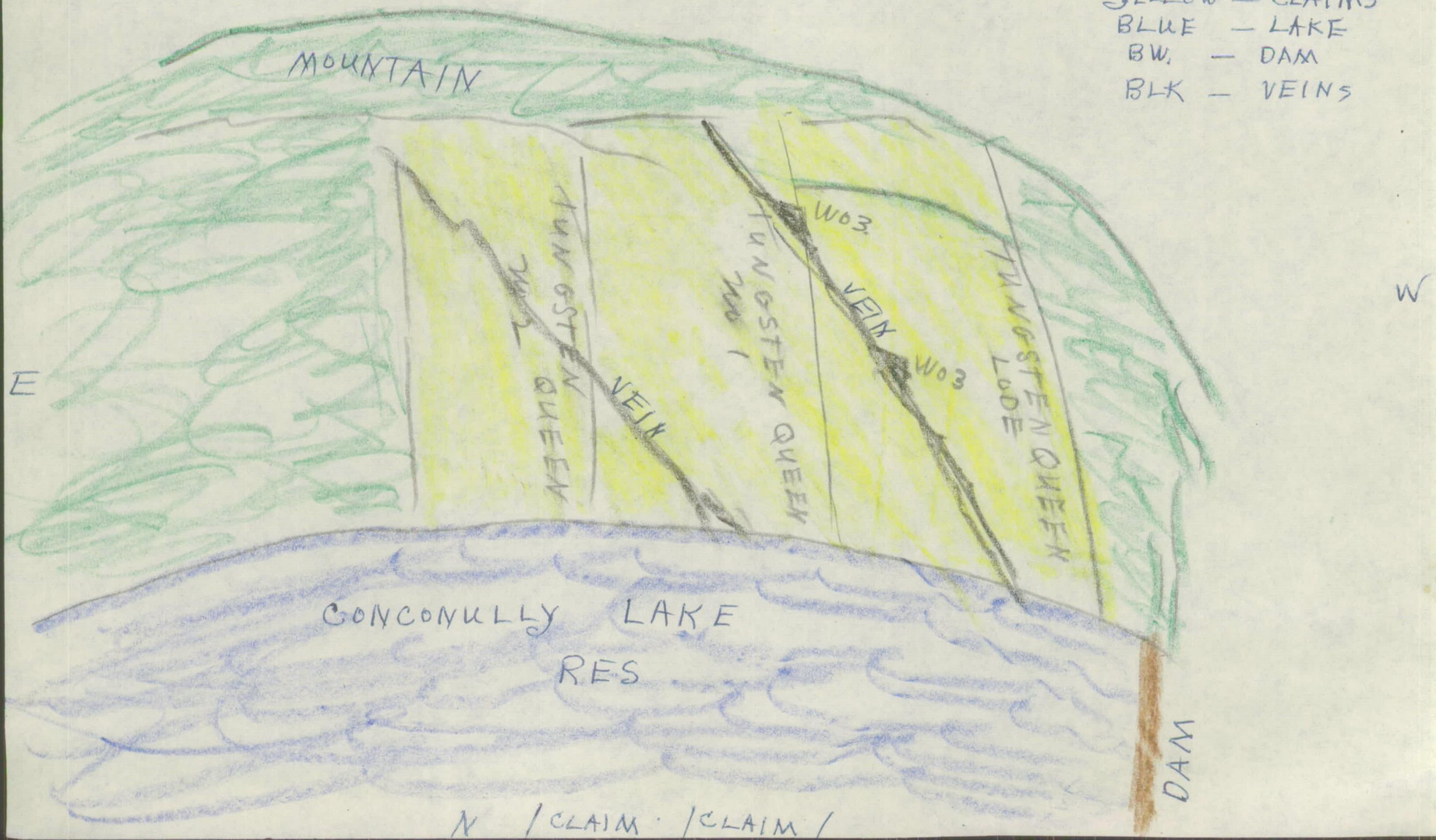
JUL 13 12 PM 1954 WASH.



Mr. George C. Selfridge, Chairman
Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

S.

— TUNGSTEN QUEEN CLAIMS —

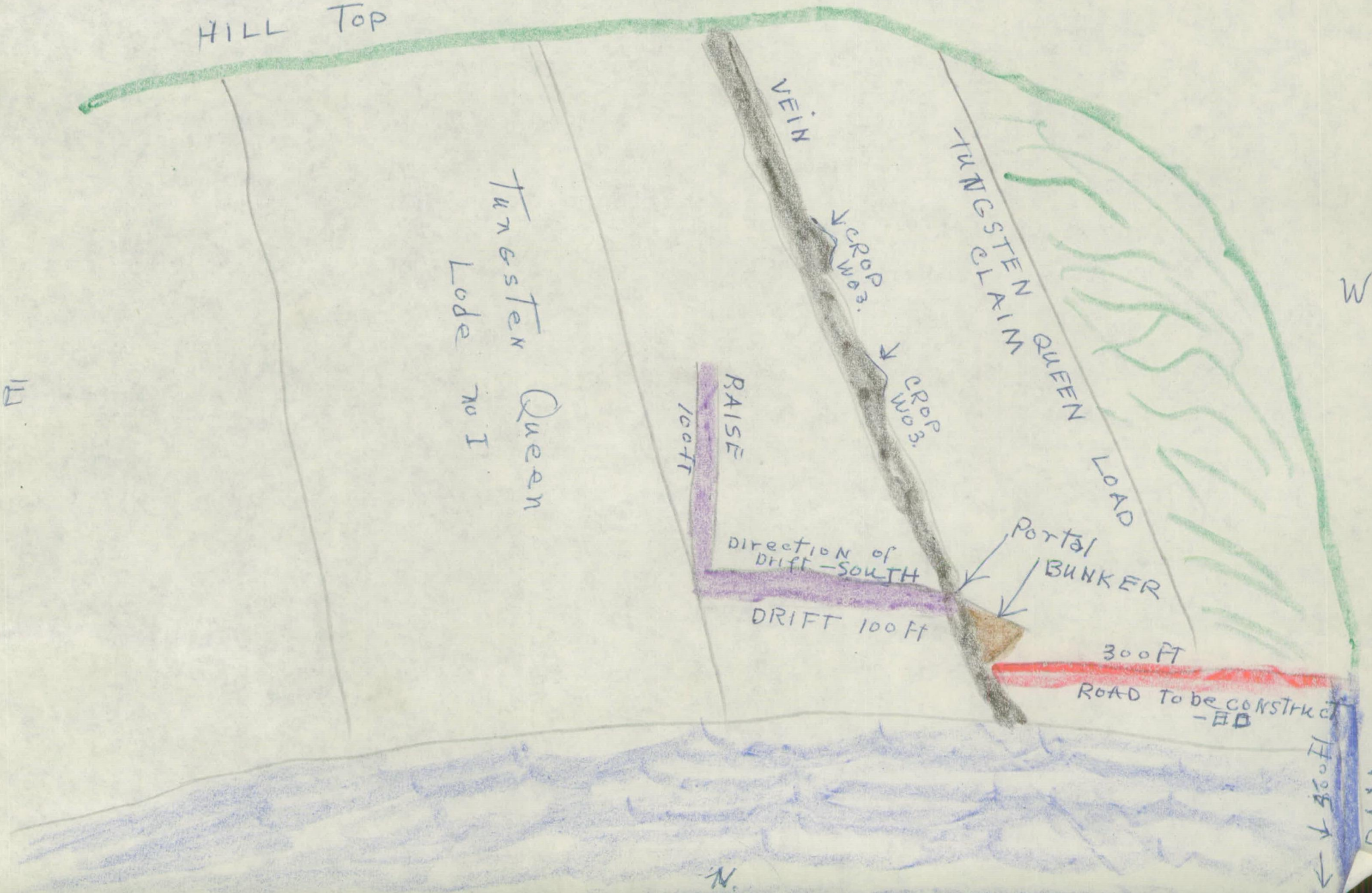


5.

4C. Sketch

-TUNGSTEN QUEEN CLAIMS-

Purple — DRIFT + RAISE
BLACK — VEIN
RED — Pro. ROAD 300 ft.



TUNGSTEN QUEENS CLAIMS

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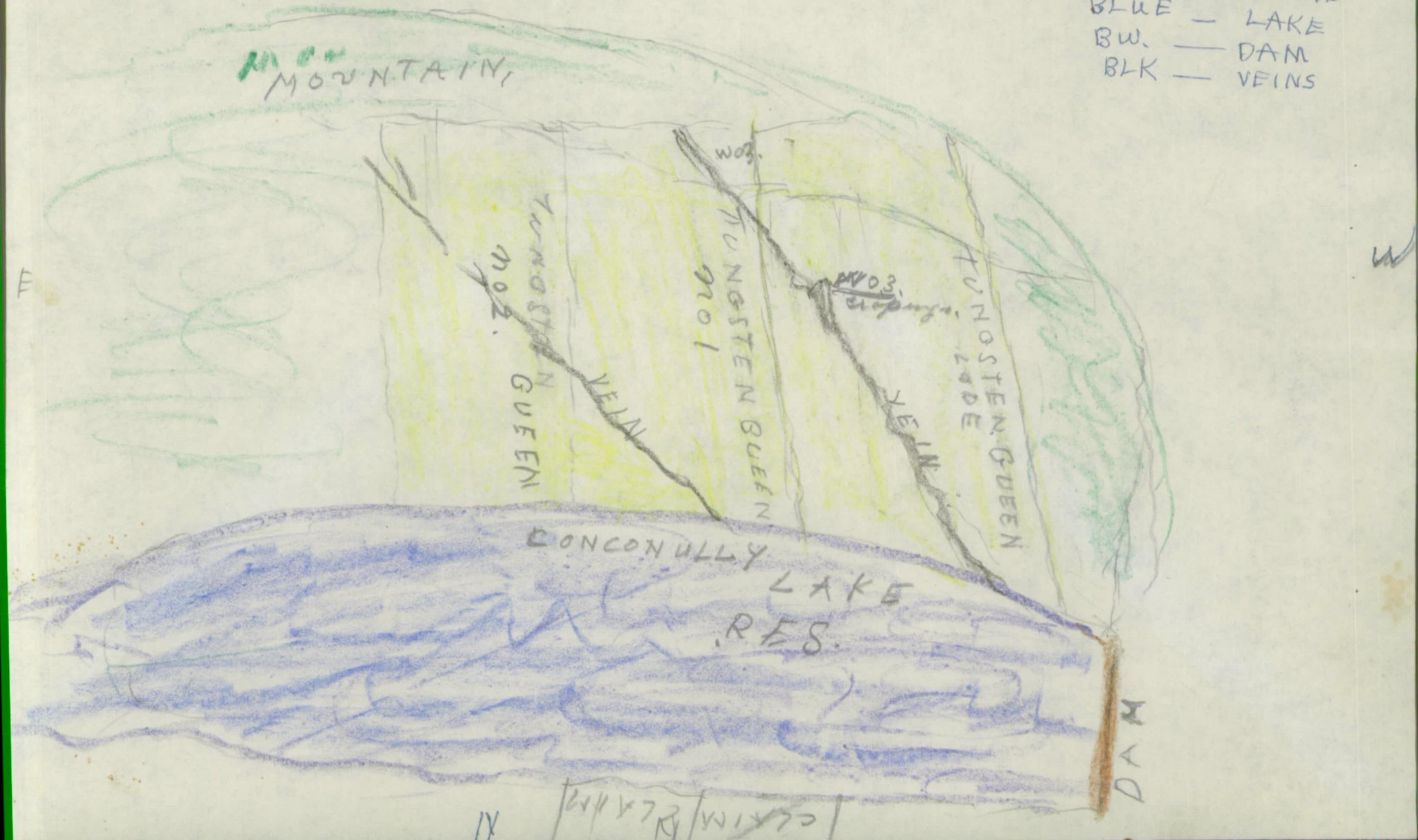
N

GREEN — MOUNTAIN
YELLOW — CLAIMS
BLUE — LAKE
BW. — DAM
BLK — VEINS



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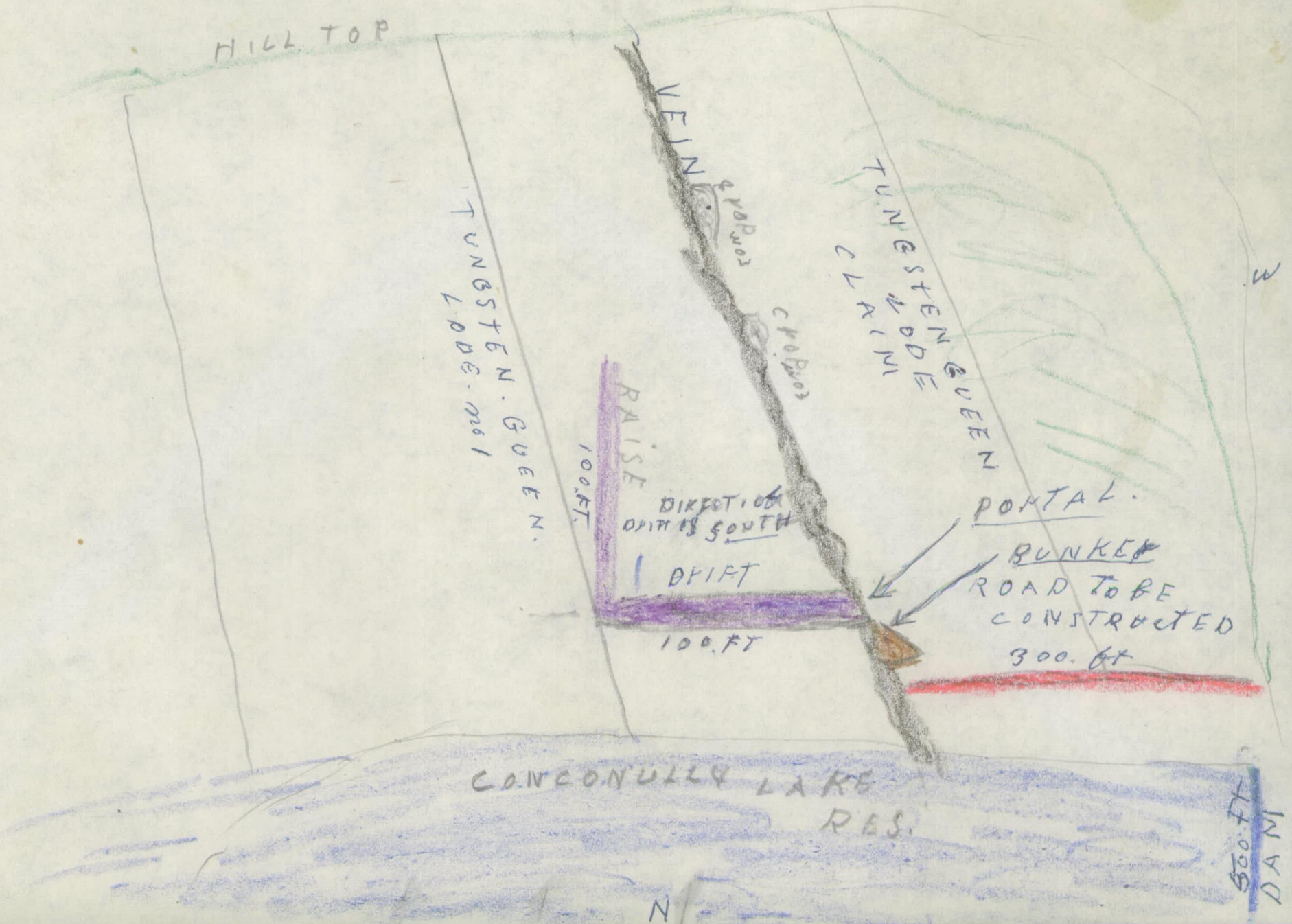
- TUNGSTEN QUEEN - CLAIMS, -

4.C. SKETCH

PURPLE. DRIFT + RAISE
BLACK. VEIN.
RED ~~Pro~~ ROAD. 300 ft