DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3456

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This document has been recorded as

Exploration Assistance

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Cys to USBM, USGS, & Reg.

Routing Slip

To:	400	Date	8/24/54
To:	Oper Com	Date	8-27-54
To:	Oper Com	Date	11-17-54
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NOV 17 1954

Mr. L. J. Cuneo, President
Incline Mining Company
1770 - 22nd Avenue
San Francisco 22, California

Re: Docket No. DMEA 3456 - Tungsten
Incline Mining Company
Donna Tungsten claim
Mariposa County, California

Dear Mr. Cuneo:

Your application for aid for an exploration project and other data available to us in Washington relating to the above-noted property have been carefully 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 ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, therefore, 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
Code 400
Adm. Read. File
Oper. Committee
R. W. Geehan, USBM
Thor Kiilsgaard, USGS
Field Team, Reg. 3

TLChapman/ls
11-15-54

November 15, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance in the amount of $11,000.00
Docket No. DMEA 3456 - Tungsten
Incline Mining Company
Donna Tungsten claim
Mariposa County, California

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

1. The applicant requested exploration assistance in the amount of $11,000.00 to explore for tungsten by trenches, a tunnel, crosscut, and raises, on the Donna Tungsten claim, Mariposa County, California.

2. The mineralized area of this property adjoins a contact between metamorphic and igneous rocks. Scheelite-bearing tactite is found along this contact zone, the scheelite occuring in small crystals sparsely disseminated and as small erratically distributed concentrations about one foot in diameter. The concentrations of scheelite do not approach ore grade.

3. Two small cuts on the property do not indicate any changes on the property different from the surface exposures.

4. A random grab sample along 50 feet of the best tactite exposure and a chip sample of the better pods, indicated by ultra-violet light, each contained less than 0.01 percent WO_3.

5. There is no geologic evidence to indicate that ore bodies of a larger size or better grade would be found by the proposed exploration.

6. The Field Team and the Commodity Divisions of the Geological Survey and the Bureau of Mines recommend that the application be denied.

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

TLChapman/ls
11-15-54

cc: Docket
Code 400
Adm.Read.File
Oper. Comm.

IN REPLY REFER TO:

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

400

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
NOV 9 - 1954

November 8, 1954

3456

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3456 (Tungsten)

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

From: R. D. Trace, U. S. Geological Survey

Applicant: Incline Mining Company

Name of property: Bonna tungsten claim

Location of property: Mariposa County, California

Date of Field Team Report: October 26, 1954

Authorship of Field Team Report: F. J. Wiebelt, U.S.B.M., and E. K. Stager, U.S.G.S.

Field Team's recommendation: Deny application.

Comments: Assays of the samples suggest that the deposit is too low in grade to warrant exploration. There is no suggestion of the grade getting any higher with depth.

ACTION RECOMMENDED: Follow Field Team recommendation.

R. D. Trace

RDTrace:hlm
G-11/8/54

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

400

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 - 1954

420 Custom House
555 Battery Street
San Francisco 11, Calif.

October 28, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3456 - Tungsten
Incline Mining Company
Donna Tungsten Claim
Mariposa County, California

Reference is to your (W. S. Martin) letter dated August 27, 1954, requesting a field examination of the Donna Tungsten Claim. The property was examined on September 16, 1954, and there are attached four copies of an examination report entitled "DMEA-3456, Donna Tungsten Claim, Mariposa County, California," by Frank J. Wiebelt, Mining Engineer, U. S. Bureau of Mines, and Harold K. Stager, Geologist, U. S. Geological Survey, dated October 26, 1954.

According to their report, the Donna Claim is underlain by igneous and metamorphic rocks. The scheelite occurs as scattered crystals in tactite near the contact of the two rock types. The property is in the prospect stage and has no production record. There are no measured, indicated, or inferred reserves of ore grade material on the claim. The samples taken by the engineer assayed less than 0.01 per cent WO_3.

Roscoe Smith and I concur with the engineer's and geologist's recommendation that a DMEA loan for this property is not warranted.

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Roscoe Smith, USGS

Reviewed by
DMEA OPERATING COMMITTEE
11-5-54
(date)

Defense Minerals Administration
RECEIVED
NOV 1 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-3456, Donna Tungsten Claim

Mariposa County, California

Frank J. Wiebelt, Mining Engineer
U. S. Bureau of Mines

Harold K. Stager, Geologist
U. S. Geological Survey

October 26, 1954

11-5-54

REPORT OF EXAMINATION

Docket No.: DMEA-3456 (Tungsten)

Name and address of applicant: Incline Mining Co.,
L. J. Cuneo
1770 - 22nd Avenue
San Francisco 22, Calif.

Name and location of property: Donna Tungsten Claim
Mariposa County, California

SUMMARY

The Incline Mining Company's, Donna tungsten claim is situated about two miles by airline slightly east of north from El Portal, Mariposa County, Calif. The north end line of the claim coincides with the boundary line of Yosemite National Park.

The tungsten deposits are scheelite-bearing zones in two tactite bodies that strike northeast and dip steeply northwest at the north end of the Donna claim. The scheelite occurs most commonly as small crystals sparsely disseminated but locally as small erratically distributed concentrations about one foot in diameter. The concentrations of scheelite are not sufficient to approach ore grade.

The property is in the prospect stage and has no production record. There are no measured, indicated, or inferred reserves of ore grade material on the Donna claim. A random grab sample along 50 feet of the best tactite exposure and a chip sample of the best pods, indicated by ultraviolet light, both contained less than 0.01% WO_3.

Reviewed by
DMEA OPERATING COMMITTEE
11-5-54
(date)

CONCLUSIONS

The tungsten-bearing tactite bodies exposed on the Donna claim are small and of low grade. There is no geologic evidence to indicate the presence of deposits of larger size or higher grade elsewhere on the claim.

RECOMMENDATIONS

It is recommended by the field team that Government assistance under the DMEA program be denied.

INTRODUCTION

In connection with an application for exploration assistance (docket DMEA-3456), the Donna tungsten claim of the Incline Mining Co. was examined on September 16, 1954 by H. K. Stager of the U. S. Geological Survey and Frank J. Wiebelt of the Bureau of Mines. The examiners were accompanied by the applicant, L. J. Cuneo and also Stanley Cuneo and Edward Molfino of the Incline Mining Co.

NAME AND LOCATION OF PROPERTY

The Donna tungsten claim is situated in sec. 4, T. 3 S., R. 20 E. in Mariposa County, Calif. The northern end line of the claim adjoins the boundary line of the Yosemite National Park. The property is about two miles by airline slightly east of north from El Portal, Calif.

ACCESSIBILITY

The property is accessible from El Portal by following U. S. Highway 140 and the Big Oak Flat Road 11.4 miles and then turn left and go 1.9 miles, then turn left and go 1.1 miles at which point follow middle fork of road 0.1 miles, then turn right and go 0.5 mile to the end of the road which terminates in an apple orchard. From this orchard a trail is followed about 3/4-mile to the property, west of Little Crane Creek and just south of the boundary line of Yosemite National Park. Of the above distance of 15.75 miles, 11.4 miles are paved, 3.6 miles are dirt roads and 0.75 miles are narrow trails.

The property is inaccessible during the winter months during which period the Big Oak Flat Road is closed by snow.

COMPETENCY OF APPLICANT

The applicant, Mr. L. J. Cuneo, who will be in charge of operations, first started mining in 1940 and ever since he has been engaged in heavy construction, quarry work, and mining ventures. Since January 1953, he has been in charge of tungsten operations.

APPLICANT'S PROPERTY RIGHTS

The Donna tungsten claim is an unpatented claim held by the Incline Mining Co. The location notice of the claim is recorded in Volume A-3, page 391, Mariposa County, records.

DESCRIPTION OF PROPERTY

There are no surface facilities on the property.

The only surface workings on the property are two open pits. There are no underground workings. Two samples were taken by the field team during the examination. Sample #580, random grab sample from 30 feet of outcrop in lower tactite zone, contained less than 0.01 percent WO_3. Sample #581, chip sample of best pods in lower tactite zone, contained less than 0.01 percent WO_3.

The location of the above two samples are shown in figure 2, which is a geologic sketch map of the Donna tungsten prospect.

GEOLOGY

The Donna claim is underlain by igneous and metamorphic rocks. Scheelite occurs as scattered crystals in tactite near the contact of the two rock types.

Underlying the northwestern part of the claim is a light-gray, medium-grained granodiorite containing quartz, plagioclase, orthoclase, and biotite.

The contact between the granodiorite and the metamorphic rocks is obscured by slope wash and brush cover but trends north and dips steeply east.

Underlying the northeastern part of the claim and extending northward into Yosemite National Park is a large mass of metamorphic rocks chiefly hornfels and mica schist with several bands of garnet-

pyroxene tactite. These rocks strike about N. 60° E. and dip 65° NW.

ORE DEPOSITS

The tungsten deposits are scheelite-bearing zones in two tactite bodies that strike northeast and dip steeply northwest at the north end of the Donna claim. Scheelite is the only ore mineral present.

Within the hornfels at the north end of the claim are two bands of garnet-pyroxene tactite. The northernmost band (fig. 2) is about 400 feet long and 25 feet wide. Sparse crystals of scheelite are present in the tactite but have not been found in concentrations that even approach ore grade. About 100 feet south of this band is a second tactite body that is about 500 feet long and 10 feet wide. Scheelite occurs most commonly as small crystals sparsely disseminated but locally as small erratically distributed concentrations about one foot in diameter, estimated to contain about 0.2 percent WO_3. A random grab sample along 50 feet of the best tactite exposure and a chip sample of the best pods, indicated by ultraviolet light, both contained less than 0.01 percent WO_3.

There has been no production of tungsten-bearing material from the Donna claim.

ORE RESERVES

There are no measured, indicated, or inferred reserves of ore grade material on the Donna claim. The best exposure of scheelite-bearing material that crops out on the property contains less than 0.01 percent WO_3. There is no geologic evidence to indicate the presence

of deposits of larger size or of higher grade material elsewhere on the claim.

PAST OPERATION

The property is in the prospect stage and has no production record.

MANPOWER, SUPPLIES, ETC.

An ample supply of experienced miners are available locally. Supplies can be obtained in El Portal and Mariposa and major supplies and equipment from Merced, Fresno and San Francisco.

A sufficient supply of water for mine use is available close to the property.

Transmitted electric power is not available and for generation of power, it will be necessary to supply fuel oil from Mariposa, 30 miles distant from the claim.

APPLICANT'S PROPOSAL

The applicant proposes to expose the tactite bodies shown in figure 2 with three east-west trenches 100 to 200 feet long and 100 feet apart. They also propose to drift 100 feet on the best ore exposed by the trenching and then raise 50 feet and crosscut 50 feet. The total cost of the project is estimated at $11,000.

The tactite bodies to be explored by trenching on the Donna claim are the most favorable geologically for the discovery of scheelite-bearing material. However, it is doubtful that sufficient concentrations

of ore grade material will be found to warrant the proposed underground work.

A program of trenching, followed by diamond drilling in the more favorable exposures would probably prove to be a more efficient method of exploration in this type of deposit. However, it is inferred that any other concentrations of scheelite-bearing material found by trenching or drilling will prove to be similar in habit to those now exposed and will be too small and erratically distributed to permit their being mined economically.

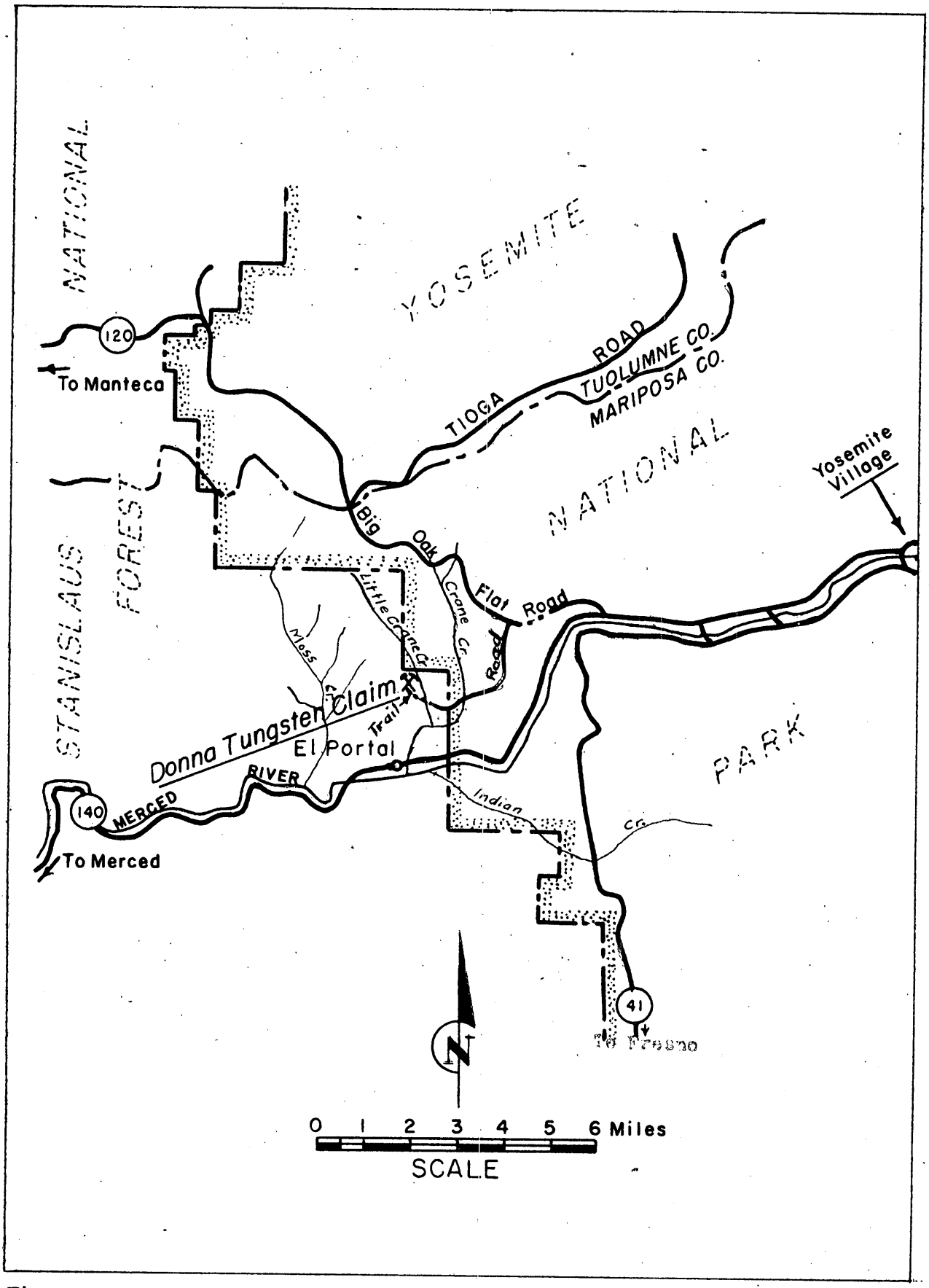
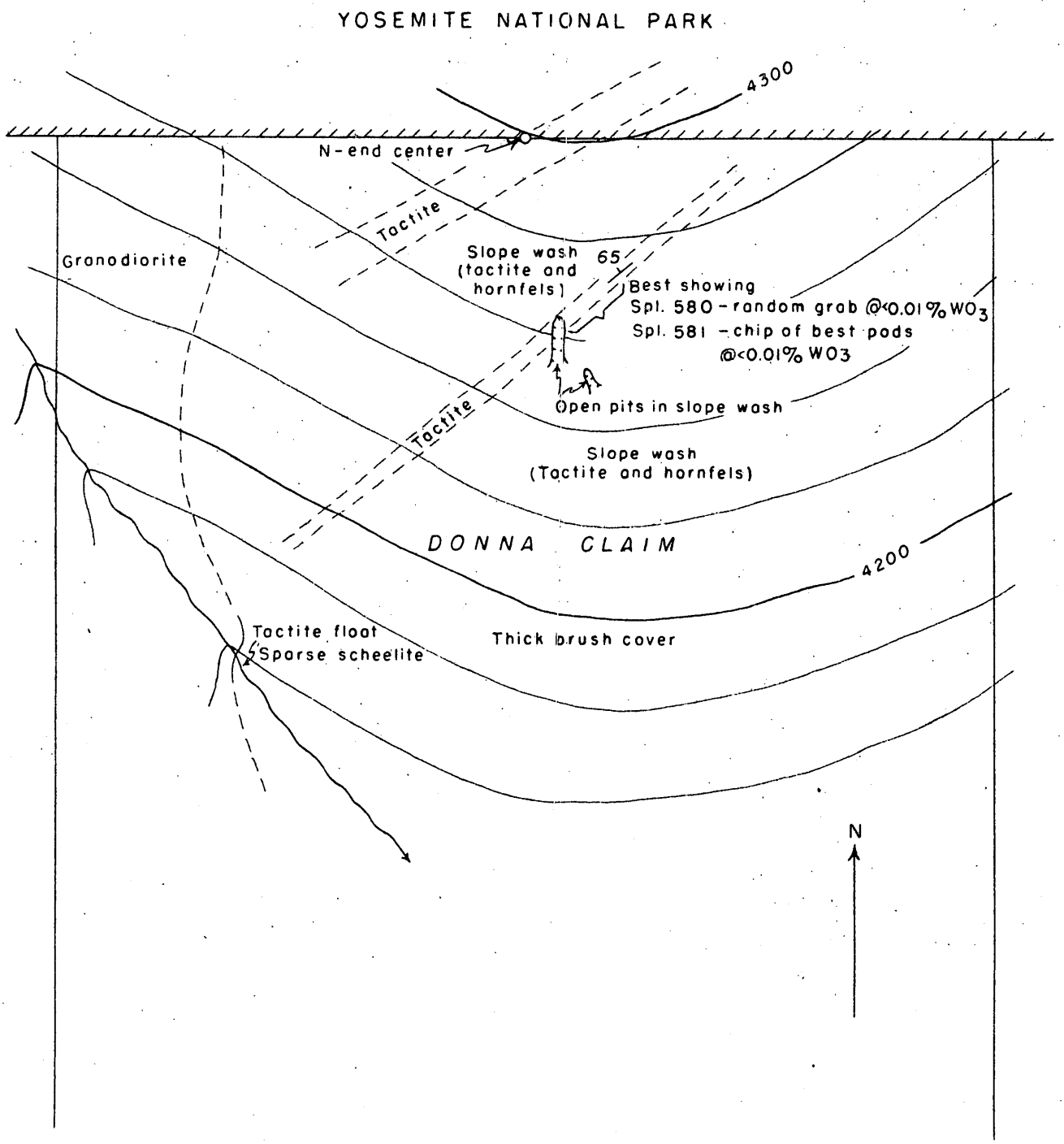


Figure 1.- Location map, Donna Tungsten claim, Incline Mining Company, Mariposa County, California.



GEOLOGIC SKETCH MAP OF DONNA TUNGSTEN PROSPECT
MARIPOSA COUNTY, CALIFORNIA

100 0 100 200 FEET

Contour interval 20 feet
Datum approximate

Figure 2

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

400

Defense Minerals Administration
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SEP 14 1954

420 Custom House
555 Battery Street
San Francisco 11, California

September 10, 1954

Memorandum

WSM

To: A. G. Johnson, Chief, Mining Division, Bureau of Mines
Reno, Nevada

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3456 - Tungsten
Incline Mining Company
Donna Tungsten Claim
Mariposa County, California

Mr. Cuneo of the Incline Mining Company telephone today requesting that the field examination on the above property be delayed until he has a new road completed to the property.

Mr. Cuneo stated that this new road would make the examination more convenient. He will advise us when he is ready to have the examination made. He requested that he notify you direct regarding this examination date.

S. RICKER
S. Ricker for
H. G. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: DMEA-Washington
W.M.Smith-USGS

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

402

August 26, 1954

Memorandum

To: W. S. Martin, DMEA

From: R. W. Geehan, Assistant Chief
Ferrous Metals and Alloys Branch

Subject: DMEA 3456 - Tungsten
Incline Mining Co.
Donna Tungsten
Mariposa County, California

There is no record of a prior examination by the Bureau on the Donna group. The same applicant had 3252 and 3253 in the same general area.

The applicant has not furnished any assay reports; however, it seems probable that in this case the lamping is a reliable indication that tungsten is present. The underground work outlined as "Step #2" may border on development.

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

Robert W. Geehan

Copy retained 403

IN REPLY REFER TO:

400

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

August 25, 1954

Re: DMEA-3456
Ineline Mining Co.
Mariposa Co., Calif.
$11,000 - Tungsten

Memorandum

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

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

Subject: Recommendation for field referral

The applicant proposes to carry out a two stage project involving trenching, drifting, raising and crosscutting in a tactite zone.

We do not have any available information on the Donna tungsten prospect. However, several tungsten mines and prospects are located near the Donna. Some of these have been substantial producers.

Apparently most of the work has been mainly prospecting. It is possible that there is sufficient evidence of widespread tungsten mineralization to justify a limited project of trenching.

Inasmuch as we have only meager information by which to judge the merits of the Donna property it seems best to refer the application to the Field Team for their review and perhaps for an examination.

E. L. Newcomb

ELNewcomb:hlm
G-8/25/54

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

Same Co. had 3252 desiring
3253 appl.
Same area. AUG 30 1954 400

Note:

Would appreciate your consideration of this application at your earliest convenience in order to secure approval or rejection before it is too late to get trenching and preliminary work done before rainy season starts.

Thank you.

Rec'd to Dmen by Bur Mines

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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. 3456
Metal or Mineral Tungsten
Date Received
Estimated Cost $11,000
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: Incline Mining Co. Head office 1770 - 22nd Ave., San Francisco 22, Calif. Field office Box 86, El Portal, Calif. A partnership I. J. Cuneo, 1770 - 22nd Ave., San Francisco, Clarence J. Garibotti, 2301 Westcliffe Lane, Walnut Creek, Cal., Claudio Garibotti, Lafayette, Calif.

(*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 One mining claim, located in Section 4, Township 3 South, Range 20 East, About 1½ miles Northeasterly from Eagle Peak and North of El Portal, Calif. Mariposa Co.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner and locator of mining claim

(*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. Volume A-3, page 391, Mariposa County records.

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, (Scheelite)

(*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 30-60 days and be completed within 9 months from the date of an exploration project contract. weather permitting.

(*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)? Yes

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

[X] 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 August 10, 1954, 195__

Incline Mining Co.
(Applicant)

By L. J. Cuneo
L. J. Cuneo, partner

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

4 (a)

We first checked the good sized surface outcrop over and lamped and prospected same, then about 100 ft. down the slope from the top of the ridge we drove a cut about 10 ft. deep into the hill and encountered very good ore in the bottom of the cut. Surface shows scheelite in numerous spots all over the area. The ore body appears to over 100 ft. wide and possibly over 300 ft. long based on the surface exposure, that carries a lot of garnet and some epidote and should develop into a good sized ore body if opened up deeper and below the surface into ore.

4 (b)

No production in past, the grade of scheelite in bottom of 10 ft. cut appears to be over 1% average and potential ore reserves in the deposit appear to be very good.

4 (c)

Surface exposure is heavily garnitic, interlaced with epidote, in which are exposed from fine to fairly large scheelite crystals. Surface cut within 10 ft. depth from surface shows strong bodies of typical tactite ore, strong garnet, epidote and well sprinkled with scheelite crystals, excellent type of ore.

Appears to be a bedded type deposit, that from all indications should have considerable depth along with good width and length.

The deposit is the largest showing on the surface that we have seen in the area and after examination of a dozen or more prospects and properties, we feel that the proposed exploratory work will prove up considerable ore. Sketch 4 - (c) attached.

4 (d)

Mine is accessable by trail. Two roads within 3/4 mile of property. We will build a road into the property when it is further explored. Mine is about 2½ miles airline from El Portal, California. Elevation about 4000 ft. so after road is in mine could be worked all year round. Will not be too much trouble to bring a bulldozer into the property for the proposed test work by coming down from existing roads. Work and hauling road would tap the El Portal to Foresta road and will be about 6 miles from mine to El Portal by road.

4 (e)

For exploratory work we plan on simple two man tent camp, not over three when bulldozer was working, men coming to town on weekends.

Ample experienced miners available and ample housing available within a six mile radius of El Portal.

Supplies are purchased in El Portal, six miles; Mariposa, 30 miles; major items come from Merced, Fresno and San Francisco, California.

Water quite close to property for all year round operation.

MF-103

Donna
page 1, attached

Incline Mining Co.
1770 - 22nd Avenue
San Francisco 22, Calif.

5 (a)

Tungsten, (Scheelite)

5 (b)

For the exploratory work, step #1, we plan on getting a buldozer down to the property from the nearest road, then trench the property East and West with buldozer to determine size and extent of ore body.

Require two and possibly three trenches about 100 ft. apart and each for 100 to 200 ft. long to determine width of ore body East and West and length down the hill or North and South, would try to trench down to solid ore formation. Will require considerable hand drilling and blasting to complete upper trench as outcrops are more massive in this area.

Step #2. After determining size of ore body by trenching on surface and best ore exposures, we would then drive a 100 ft. drift (or to the depth of the ore body which ever came first), then raise 50 ft. on ore and then crosscut on ore not exceeding 50 ft. (No work to be done in barren areas underground, ore zones only.)
100 ft. drift would be started at lowest point of strongest ore body Sketch 5 (b) attached.

5 (c)

Exploratory work would start within 30 days unless contract approval was delayed too close to winter season. Project would be completed within 9 months, depending upon time of year work was started and weather permitting.

5 (d)

We have been mining since 1946 and have had some good sized operations, mainly gold and chrome. Will have Mr. J. Paul Jones a mining engineer with many years experience in tungsten in the area at all times.

L. J. Cuneo will be in charge of the operations, he first started mining in 1940 and has been in heavy construction, quarry work and mining ever since. In charge of tungsten operation since 1/1/53.

6 (a)

No work will be contracted but we may hire a buldozer by the hour or bring one of our own in. D-4 run about $7.00 per hour but may be too small, D-7 will cost about $12.50 per hour, HD-10M about $12.50 per hour.

6 (b)

Miners, including insurance and taxes, each per day	$20.00
Engineer and supervisory time proportioned, per day	10.00
(Part time on job) (Balance charged to other jobs)	
Includes transportation and hauling minor supplies	

Donna
page 2, attached

MF-103
Incline Mining Co.
1770 - 22nd Avenue
San Francisco 22, Calif.

6 (c)

Powder, caps and fuse	- per day -$6.50	
Bits and bit sharpening	- per day - 7.00	
Tools, sharpening and replacements	- per day - 3.50	
Compressor fuel, oil and filter elements	- per day - 3.00	
Minor repairs and parts replacements	- per day - 2.00	
Nails, carbide and miscellaneous	- per day - 3.00	
Air and water pipe and hose, for total job		$200.00
Mine timbers		50.00
Freight and getting supplies to mine for start		100.00

We would furnish considerable tools and items on the job, no charge.

6 (d)

Will rent a 105 compressor, per month	140.00
Will rent a jackleg & special 48 lb. drill	60.00

Depending upon what is available at the time will rent a D-7 or HD-10W buldozer at about $12.50 per hour, If either one is not available may have to use a D-4 dozer at $7.00 per hour but this machine will take much longer, overall cost will probably be about the same.

6 (e)

None. We will furnish considerable tools and items at no charge.

6 (f)

Will put up a temporary camp site, with one tent total costs not exceeding $100.00. Low maintenance costs.

6 (g)

Total estimated assaying costs for project		$100.00
Proportion of office expenses per month	$50.00	

Semi-Totals	Per day
Two miners	$ 40.00
Supplies and materials 6 (c)	25.00
Other items in 6 (c)	4.00
Rentals 6 (d)	10.00
Camp expense, assaying, office expense, etc.	5.00
Engineer and supv. time, part time, 6 (b)	$ 10.00
Total estimate, no allowances	$ 94.00

Note: Tactite ore in this area is very hard and on other 4½ x 6½ ft. drifts we have only averaged 2 ft. per day with new equipment and good men. Some days we have used 9 carbide bits and over 100 sticks of powder to pull a four ft. round, forced to drill about 20 holes.

Donna
page 3, attached

MF-103
Incline Mining Co.
1770 - 22nd Avenue
San Francisco 2, Calif.

Trenching work.	
Transport Dozer to nearest dirt road	$ 100.00
Walk dozer into mine	50.00
Three trenches, estimated 50 hours	625.00
Necessary hand drilling and blasting	150.00
Walk dozer out and transport	100.00
Totals	$ 1025.00

Total cost summary of Exploratory Project:

Step #1:

Access in and out for bulldozer and dozing three trenches down to ore and solid formation.	$ 1,000.00

Step #2:

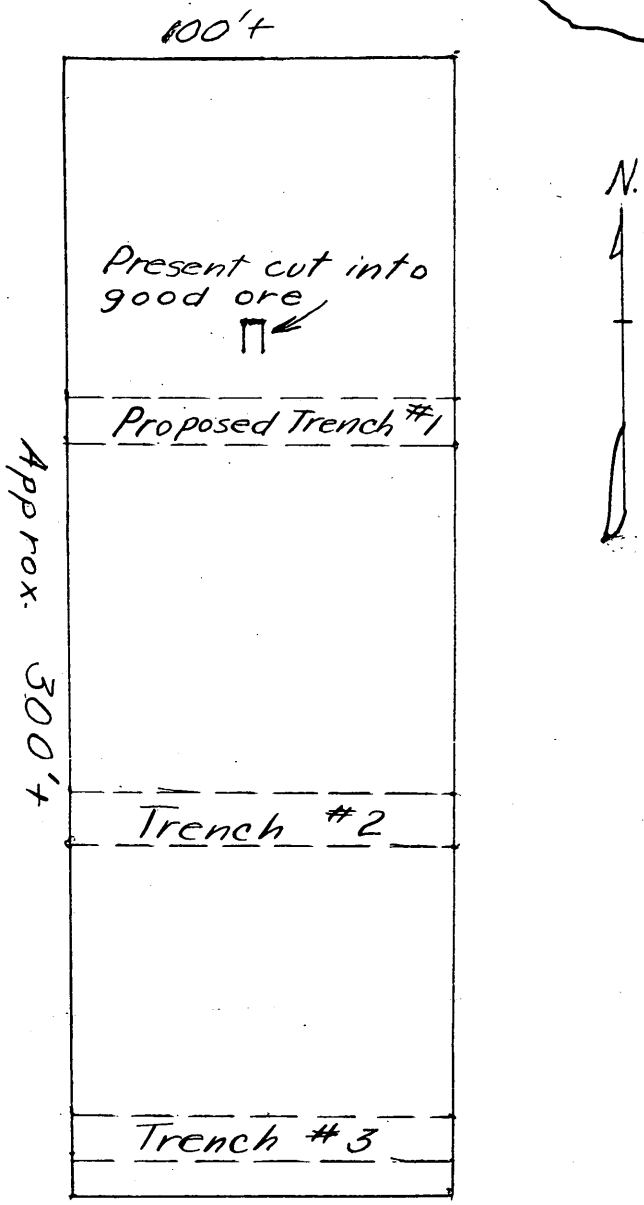
100 ft. of exploration tunnel	@ $50.00	5,000.00
50 ft. of crosscut tunnel	@ 50.00	2,500.00
50 ft. of exploration raises	@ 40.00	2,000.00
	Above totals	$ 10,500.00
5% contingencies and unforseen		500.00
		$ 11,000.00

One-fourth	$2,750.00
Three-fourths	8,250.00

Donna
page 4, attached

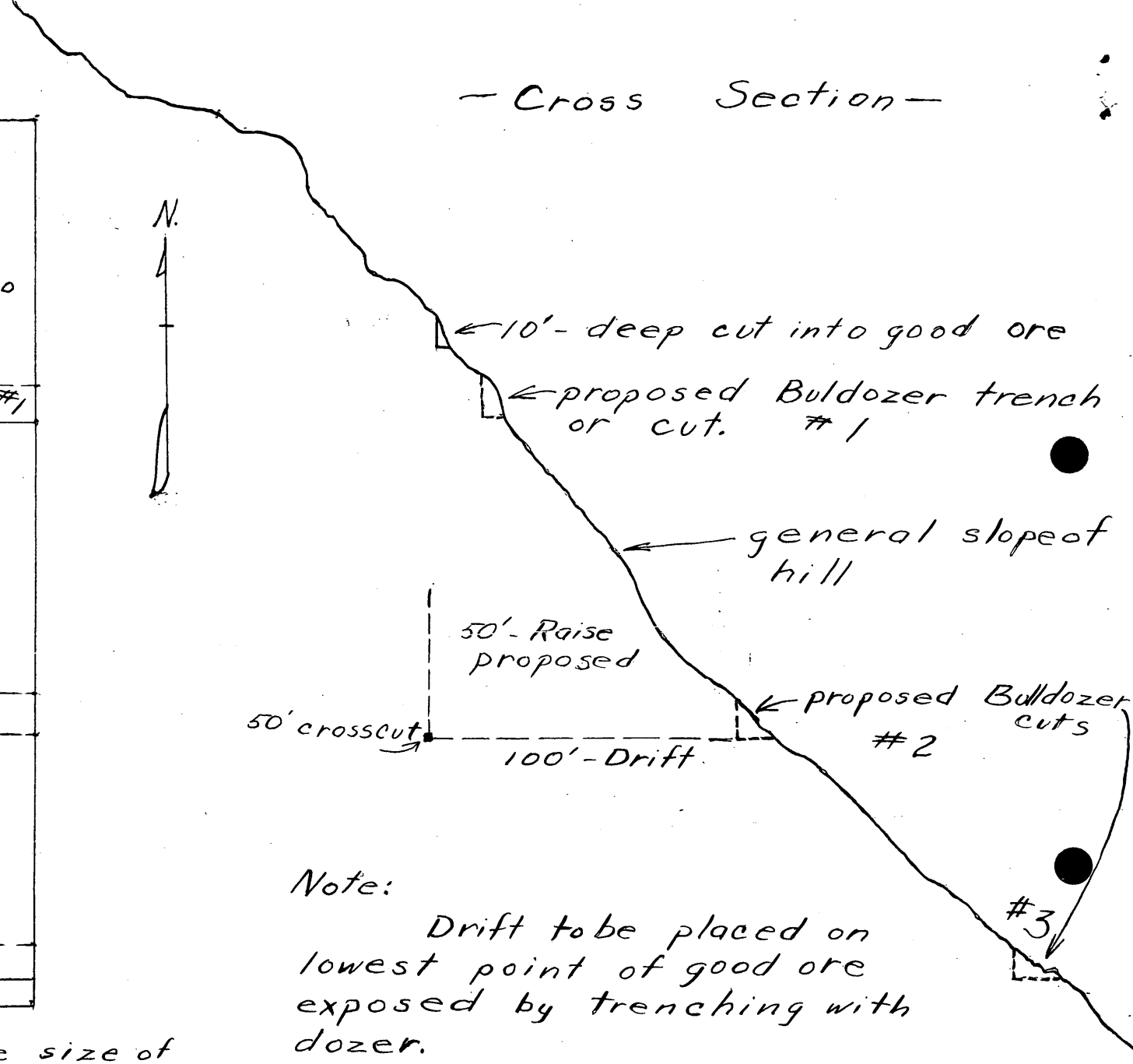
MP-103
Incline Mining Co.
1770 - 22nd Avenue
San Francisco 22, Calif

Donna
Ac + 5b attached



Approximate size of indicated surface deposit showing Scheelite

- Plan -



Note:

Drift to be placed on lowest point of good ore exposed by trenching with dozer.

MF-103
Incline Mining Co.
1770 22nd Avenue
San Francisco 22, Calif.

AUG 27 1954

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
420 Custom House
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA 3456 - Tungsten
Incline Mining Co.
Donna Tungsten claim
Mariposa County, California

Dear Mr. Miller:

The above-docketed application is being referred to your office for review and a field examination of the Donna Tungsten claim.

The location of this claim appears to be approximately 4 airline miles distant from the exploration project on the Blue Dipper claims--Docket No. DMEA 3253, Contract No. Idm-E381.

It is believed that the examination could be made most conveniently at the time of a periodic inspection of the Blue Dipper property.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

s/ Thor N. Kirkgaard

Member, Geological Survey

cc: DOCKET
FT, REG. III
CODE 400
ADM. READING FILE
OPER. COMMITTEE
R. W. GEEHAN, USBM
T. P. THAYER, USGS

JHopkins/ls 8/25/54

AUG 27 1954

Mr. L. J. Cuneo, President
Incline Mining Co.
1770 22nd Avenue
San Francisco 22, California

Re: Docket No. DMEA 3456 - Tungsten
Donna Tungsten claim
Mariposa County, California

Dear Mr. Cuneo:

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. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 420 Custom House, 555 Battery Street, San Francisco 11, California, 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

JHOPKINS:foc
8-25-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. III
R. W. Geehan, USBM
E. L. Newcomb, USGS

DOCKET
Surname:

Chapman
Martin
McDonnell
Newcomb
Hedges
Selbridge
Johnson

NOV 17 1954

Mr. L. J. Cuneo, President
Incline Mining Company
1770 - 22nd Avenue
San Francisco 22, California

Re: Docket No. DMEA 3456 - Tungsten
Incline Mining Company
Donna Tungsten claim
Mariposa County, California

Dear Mr. Cuneo:

Your application for aid for an exploration project and other data available to us in Washington relating to the above-noted property have been carefully 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 ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, therefore, 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
Code 400
Adm. Read. File
Oper. Committee
R. W. Geehan, USBM
Thor Kiilsgaard, USGS
Field Team, Reg. 3

TLChapman/ls
11-15-54

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

November 15, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance in the amount of $11,000.00
Docket No. DMEA 3456 - Tungsten
Incline Mining Company
Donna Tungsten claim
Mariposa County, California

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

1. The applicant requested exploration assistance in the amount of $11,000.00 to explore for tungsten by trenches, a tunnel, crosscut, and raises, on the Donna Tungsten claim, Mariposa County, California.

2. The mineralized area of this property adjoins a contact between metamorphic and igneous rocks. Scheelite-bearing tactite is found along this contact zone, the scheelite occuring in small crystals sparsely disseminated and as small erratically distributed concentrations about one foot in diameter. The concentrations of scheelite do not approach ore grade.

3. Two small cuts on the property do not indicate any changes on the property different from the surface exposures.

4. A random grab sample along 50 feet of the best tactite exposure and a chip sample of the better pods, indicated by ultra-violet light, each contained less than 0.01 percent WO_3.

5. There is no geologic evidence to indicate that ore bodies of a larger size or better grade would be found by the proposed exploration.

6. The Field Team and the Commodity Divisions of the Geological Survey and the Bureau of Mines recommend that the application be denied.

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

DOCKET
Surname:
Chapman
Martin
McDiss

November 15, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance in the amount of $11,000.00
Docket No. DMEA 3456 - Tungsten
Incline Mining Company
Donna Tungsten claim
Mariposa County, California

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

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6. The Field Team and the Commodity Divisions of the Geological Survey and the Bureau of Mines recommend that the application be denied.

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

TLChapman/ls
11-15-54

cc: Docket
Code 400
Adm.Read.File
Oper. Comm.

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 9 - 1954
Docket

IN REPLY REFER TO:

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

November 8, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3456 (Tungsten)

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

From: R. D. Trace, U. S. Geological Survey

Applicant: Incline Mining Company

Name of property: Donna tungsten claim

Location of property: Mariposa County, California

Date of Field Team Report: October 26, 1954

Authorship of Field Team Report: F. J. Wiebelt, U.S.B.M., and H. K. Stager, U.S.G.S.

Field Team's recommendation: Deny application.

Comments: Assays of the samples suggest that the deposit is too low in grade to warrant exploration. There is no suggestion of the grade getting any higher with depth.

ACTION RECOMMENDED: Follow Field Team recommendation.

RD Trace

R. D. Trace

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

Docket
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 - 1954

420 Custom House
555 Battery Street
San Francisco 11, Calif.

October 28, 1954

Memorandum

WSM

To: George C. Selfridge, Chairman, Operating Committee, DMEA
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3456 - Tungsten
Incline Mining Company
Donna Tungsten Claim
Mariposa County, California

Reference is to your (W. S. Martin) letter dated August 27, 1954, requesting a field examination of the Donna Tungsten Claim. The property was examined on September 16, 1954, and there are attached four copies of an examination report entitled "DMEA-3456, Donna Tungsten Claim, Mariposa County, California," by Frank J. Wiebelt, Mining Engineer, U. S. Bureau of Mines, and Harold K. Stager, Geologist, U. S. Geological Survey, dated October 26, 1954.

According to their report, the Donna Claim is underlain by igneous and metamorphic rocks. The scheelite occurs as scattered crystals in tactite near the contact of the two rock types. The property is in the prospect stage and has no production record. There are no measured, indicated, or inferred reserves of ore grade material on the claim. The samples taken by the engineer assayed less than 0.01 per cent WO_3.

Roscoe Smith and I concur with the engineer's and geologist's recommendation that a DMEA loan for this property is not warranted.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Roscoe Smith, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-3456, Donna Tungsten Claim

Mariposa County, California

Frank J. Wiebelt, Mining Engineer
U. S. Bureau of Mines

Harold K. Stager, Geologist
U. S. Geological Survey

October 26, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 - 1954

REPORT OF EXAMINATION

Docket No.: DMEA-3456 (Tungsten)

Name and address of applicant: Incline Mining Co.,
L. J. Cuneo
1770 - 22nd Avenue
San Francisco 22, Calif.

Name and location of property: Donna Tungsten Claim
Mariposa County, California

SUMMARY

The Incline Mining Company's, Donna tungsten claim is situated about two miles by airline slightly east of north from El Portal, Mariposa County, Calif. The north end line of the claim coincides with the boundary line of Yosemite National Park.

The tungsten deposits are scheelite-bearing zones in two tactite bodies that strike northeast and dip steeply northwest at the north end of the Donna claim. The scheelite occurs most commonly as small crystals sparsely disseminated but locally as small erratically distributed concentrations about one foot in diameter. The concentrations of scheelite are not sufficient to approach ore grade.

The property is in the prospect stage and has no production record. There are no measured, indicated, or inferred reserves of ore grade material on the Donna claim. A random grab sample along 50 feet of the best tactite exposure and a chip sample of the best pods, indicated by ultraviolet light, both contained less than 0.01% WO_3.

CONCLUSIONS

The tungsten-bearing tactite bodies exposed on the Donna claim are small and of low grade. There is no geologic evidence to indicate the presence of deposits of larger size or higher grade elsewhere on the claim.

RECOMMENDATIONS

It is recommended by the field team that Government assistance under the DMEA program be denied.

INTRODUCTION

In connection with an application for exploration assistance (docket DMEA-3456), the Donna tungsten claim of the Incline Mining Co. was examined on September 16, 1954 by H. K. Stager of the U. S. Geological Survey and Frank J. Wiebelt of the Bureau of Mines. The examiners were accompanied by the applicant, L. J. Cuneo and also Stanley Cuneo and Edward Molfino of the Incline Mining Co.

NAME AND LOCATION OF PROPERTY

The Donna tungsten claim is situated in sec. 4, T. 3 S., R. 20 E. in Mariposa County, Calif. The northern end line of the claim adjoins the boundary line of the Yosemite National Park. The property is about two miles by airline slightly east of north from El Portal, Calif.

ACCESSIBILITY

The property is accessible from El Portal by following U. S. Highway 140 and the Big Oak Flat Road 11.4 miles and then turn left and go 1.9 miles, then turn left and go 1.1 miles at which point follow middle fork of road 0.1 miles, then turn right and go 0.5 mile to the end of the road which terminates in an apple orchard. From this orchard a trail is followed about 3/4-mile to the property, west of Little Crane Creek and just south of the boundary line of Yosemite National Park. Of the above distance of 15.75 miles, 11.4 miles are paved, 3.6 miles are dirt roads and 0.75 miles are narrow trails.

The property is inaccessible during the winter months during which period the Big Oak Flat Road is closed by snow.

COMPETENCY OF APPLICANT

The applicant, Mr. L. J. Cuneo, who will be in charge of operations, first started mining in 1940 and ever since he has been engaged in heavy construction, quarry work, and mining ventures. Since January 1953, he has been in charge of tungsten operations.

APPLICANT'S PROPERTY RIGHTS

The Donna tungsten claim is an unpatented claim held by the Incline Mining Co. The location notice of the claim is recorded in Volume A-3, page 391, Mariposa County, records.

DESCRIPTION OF PROPERTY

There are no surface facilities on the property.

The only surface workings on the property are two open pits. There are no underground workings. Two samples were taken by the field team during the examination. Sample #580, random grab sample from 30 feet of outcrop in lower tactite zone, contained less than 0.01 percent WO_3. Sample #581, chip sample of best pods in lower tactite zone, contained less than 0.01 percent WO_3.

The location of the above two samples are shown in figure 2, which is a geologic sketch map of the Donna tungsten prospect.

GEOLOGY

The Donna claim is underlain by igneous and metamorphic rocks. Scheelite occurs as scattered crystals in tactite near the contact of the two rock types.

Underlying the northwestern part of the claim is a light-gray, medium-grained granodiorite containing quartz, plagioclase, orthoclase, and biotite.

The contact between the granodiorite and the metamorphic rocks is obscured by slope wash and brush cover but trends north and dips steeply east.

Underlying the northeastern part of the claim and extending northward into Yosemite National Park is a large mass of metamorphic rocks chiefly hornfels and mica schist with several bands of garnet-

pyroxene tactite. These rocks strike about N. 60° E. and dip 65° NW.

ORE DEPOSITS

The tungsten deposits are scheelite-bearing zones in two tactite bodies that strike northeast and dip steeply northwest at the north end of the Donna claim. Scheelite is the only ore mineral present.

Within the hornfels at the north end of the claim are two bands of garnet-pyroxene tactite. The northernmost band (fig. 2) is about 400 feet long and 25 feet wide. Sparse crystals of scheelite are present in the tactite but have not been found in concentrations that even approach ore grade. About 100 feet south of this band is a second tactite body that is about 500 feet long and 10 feet wide. Scheelite occurs most commonly as small crystals sparsely disseminated but locally as small erratically distributed concentrations about one foot in diameter, estimated to contain about 0.2 percent WO_3. A random grab sample along 50 feet of the best tactite exposure and a chip sample of the best pods, indicated by ultraviolet light, both contained less than 0.01 percent WO_3.

There has been no production of tungsten-bearing material from the Donna claim.

ORE RESERVES

There are no measured, indicated, or inferred reserves of ore grade material on the Donna claim. The best exposure of scheelite-bearing material that crops out on the property contains less than 0.01 percent WO_3. There is no geologic evidence to indicate the presence

of deposits of larger size or of higher grade material elsewhere on the claim.

PAST OPERATION

The property is in the prospect stage and has no production record.

MANPOWER, SUPPLIES, ETC.

An ample supply of experienced miners are available locally. Supplies can be obtained in El Portal and Mariposa and major supplies and equipment from Merced, Fresno and San Francisco.

A sufficient supply of water for mine use is available close to the property.

Transmitted electric power is not available and for generation of power, it will be necessary to supply fuel oil from Mariposa, 30 miles distant from the claim.

APPLICANT'S PROPOSAL

The applicant proposes to expose the tactite bodies shown in figure 2 with three east-west trenches 100 to 200 feet long and 100 feet apart. They also propose to drift 100 feet on the best ore exposed by the trenching and then raise 50 feet and crosscut 50 feet. The total cost of the project is estimated at $11,000.

The tactite bodies to be explored by trenching on the Donna claim are the most favorable geologically for the discovery of scheelite-bearing material. However, it is doubtful that sufficient concentrations

of ore grade material will be found to warrant the proposed underground work.

A program of trenching, followed by diamond drilling in the more favorable exposures would probably prove to be a more efficient method of exploration in this type of deposit. However, it is inferred that any other concentrations of scheelite-bearing material found by trenching or drilling will prove to be similar in habit to those now exposed and will be too small and erratically distributed to permit their being mined economically.

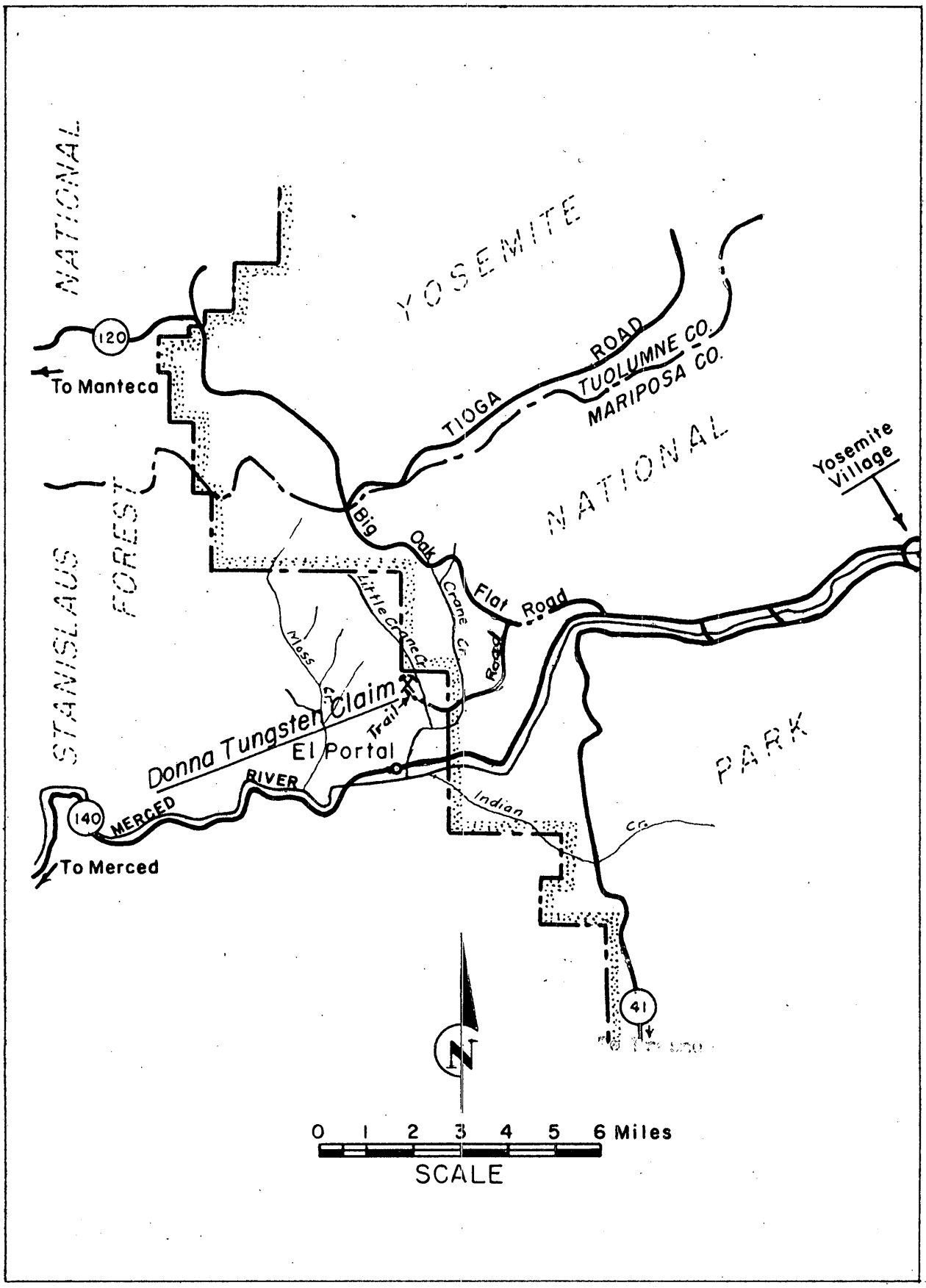
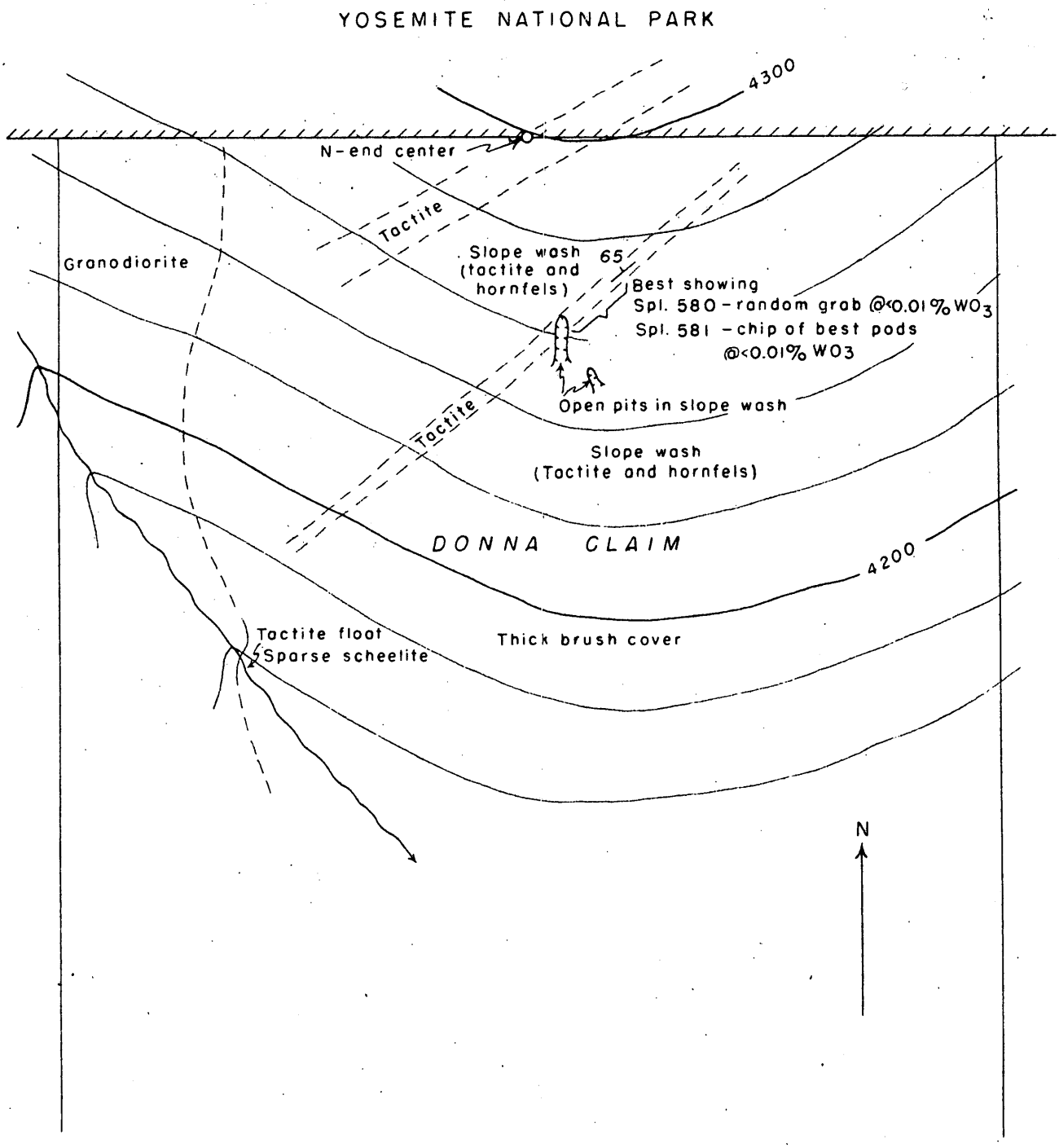


Figure 1.- Location map, Donna Tungsten claim, Incline Mining Company, Mariposa County, California.



GEOLOGIC SKETCH MAP OF DONNA TUNGSTEN PROSPECT
MARIPOSA COUNTY, CALIFORNIA

100 0 100 200 FEET

Contour interval 20 feet
Datum approximate

Figure 2

DOCKET
Surname:

400

Hopkins
Martin
Geehan
Johnson

AUG 27 1954

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
420 Custom House
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA 3456 - Tungsten
Incline Mining Co.
Donna Tungsten claim
Mariposa County, California

Dear Mr. Miller:

The above-docketed application is being referred to your office for review and a field examination of the Donna Tungsten claim.

The location of this claim appears to be approximately 4 airline miles distant from the exploration project on the Blue Dipper claims--Docket No. DMEA 3253, Contract No. Idm-E381.

It is believed that the examination could be made most conveniently at the time of a periodic inspection of the Blue Dipper property.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee (245)

Approved:

J. H. Hedges

Member, Bureau of Mines (245)

S/ Thor H. Kiilsgaard

Member, Geological Survey (245)

cc: DOCKET
FT, REG. III
CODE 400
ADM. READING FILE
OPER. COMMITTEE
R. W. GEEHAN, USBM
T. P. THAYER, USGS

JHopkins/ls 8/25/54

R.C.S.

400
Surname
Docket
Hopkins
Martin
Geehan
Hedges
Kilgard
Fishman

AUG 27 1954

Mr. L. J. Cuneo, President
Incline Mining Co.
1770 22nd Avenue
San Francisco 22, California

Re: Docket No. DMEA 3456 - Tungsten
Donna Tungsten claim
Mariposa County, California

Dear Mr. Cuneo:

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. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 420 Custom House, 555 Battery Street, San Francisco 11, California, 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

JHOPKINS:foc
8-25-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. III
R. W. Geehan, USBM
E. L. Newcomb, USGS

R.G.

DOCKET

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

August 26, 1954

Memorandum

WSM

To: W. S. Martin, DMEA

From: R. W. Geehan, Assistant Chief
Ferrous Metals and Alloys Branch

Subject: DMEA 3456 - Tungsten
Incline Mining Co.
Donna Tungsten
Mariposa County, California

There is no record of a prior examination by the Bureau on the Donna group. The same applicant had 3252 and 3253 in the same general area.

The applicant has not furnished any assay reports; however, it seems probable that in this case the lamping is a reliable indication that tungsten is present. The underground work outlined as "Step #2" may border on development.

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

Robert W. Geehan

Robert W. Geehan

Copy retained 400

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

August 26, 1954

Memorandum

To: W. S. Martin, DMEA

From: R. W. Geehan, Assistant Chief
Ferrous Metals and Alloys Branch

Subject: DMEA 3456 - Tungsten
Incline Mining Co.
Donna Tungsten
Mariposa County, California

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

Robert W. Geehan

IN REPLY REFER TO:

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

August 25, 1954

Re: DMEA-3456
Incline Mining Co.
Mariposa Co., Calif.
$11,000 - Tungsten

Memorandum

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

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

Subject: Recommendation for field referral

The applicant proposes to carry out a two stage project involving trenching, drifting, raising and crosscutting in a tactite zone.

We do not have any available information on the Donna tungsten prospect. However, several tungsten mines and prospects are located near the Donna. None of these have been substantial producers.

Apparently most of the work has been mainly prospecting. It is possible that there is sufficient evidence of widespread tungsten mineralization to justify a limited project of trenching.

Inasmuch as we have only meager information by which to judge the merits of the Donna property it seems best to refer the application to the Field Team for their review and perhaps for an examination.

E. L. Newcomb

ELNewcomb:hlm
G-8/25/54

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

IN REPLY REFER TO:

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

August 25, 1954

Re: DMEA-3456
Imeline Mining Co.
Mariposa Co., Calif.
$11,000 - Tungsten

Memorandum

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

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

Subject: Recommendation for field referral

The applicant proposes to carry out a two stage project involving trenching, drifting, raising and crosscutting in a tactite zone.

We do not have any available information on the Donna tungsten prospect. However, several tungsten mines and prospects are located near the Donna. None of these have been substantial producers.

Apparently most of the work has been mainly prospecting. It is possible that there is sufficient evidence of widespread tungsten mineralization to justify a limited project of trenching.

Inasmuch as we have only meager information by which to judge the merits of the Donna property it seems best to refer the application to the Field Team for their review and perhaps for an examination.

E. L. Newcomb

ELNewcomb:hlm
G-8/25/54

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

Docket

IN REPLY REFER TO:

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

August 25, 1954

Re: DMEA-3456
Incline Mining Co.
Mariposa Co., Calif.
$11,000 - Tungsten

Memorandum

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

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We do not have any available information on the Donna tungsten prospect. However, several tungsten mines and prospects are located near the Donna. None of these have been substantial producers.

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Inasmuch as we have only meager information by which to judge the merits of the Donna property it seems best to refer the application to the Field Team for their review and perhaps for an examination.

E. L. Newcomb

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Copy retained 430

August 24, 1954

Incline Mining Co.
1770 22nd Ave.
San Francisco 22, Calif.

Subject: DMEA-3456
Re: Exploration Assistance
Donna Tungsten

Gentlemen:

The receipt of your application dated August 10, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3456 and referred to the Iron and Ferro Alloys Division.

Kindly refer to DMEA-3456 in any future correspondence relating to your application.

Sincerely yours,

Note:

Would appreciate your consideration of this application at your earliest convenience in order to secure approval or rejection before it is too late to get trenching and preliminary work done before rainy season starts.

Thank you.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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. 3456
Metal or Mineral Tungsten
Date Received
Estimated Cost $11,000
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: Incline Mining Co., Head office 1770 - 22nd Ave., San Francisco 22, Calif. Field office Box 86, El Portal, Calif. A partnership. I. J. Cuneo, 1770 - 22nd Ave., San Francisco, Clarence J. Garibotti, 2301 Westcliffe Lane, Walnut Creek, Calif., Claudio Garibotti, Lafayette, Calif.

(*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 One mining claim, located in Section 4, Township 3 south, Range 20 East. About 1½ miles Northeasterly from Eagle Peak and North of El Portal.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner and locator of Mining Claim

(*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. Volume A-3, page 391, Mariposa County official records.

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 (Scheelite)

(*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 30-60 days and be completed within 9 months from the date of an exploration project contract. Weather permitting.

(*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)? Yes

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

[X] 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 August 10, 1954, 195__

Incline Mining Co.
(Applicant)

By L. J. Cuneo
I. J. Cuneo, partner.

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

4 (a)

We first checked the good sized surface outcrop over and lamped and prospected same, then about 100 ft. down the slope from the top of the ridge we drove a cut about 10 ft. deep into the hill and encountered very good ore in the bottom of the cut. Surface shows scheelite in numerous spots all over the area. The ore body appears to over 100 ft. wide and possibly over 300 ft. long based on the surface exposure, that carries a lot of garnet and some epidote and should develop into a good sized ore body if opened up deeper and below the surface into ore.

4 (b)

No production in past, the grade of scheelite in bottom of 10 ft. cut appears to be over 1% average and potential ore reserves in the deposit appear to be very good.

4 (c)

Surface exposure is heavily garnitic, interlaced with epidote, in which are exposed from fine to fairly large scheelite crystals. Surface cut within 10 ft. depth from surface shows strong bodies of typical tactite ore, strong garnet, epidote and well sprinkled with scheelite crystals, excellent type of ore.

Appears to be a bedded type deposit, that from all indications should have considerable depth along with good width and length.

The deposit is the largest showing on the surface that we have seen in the area and after examination of a dozen or more prospects and properties, we feel that the proposed exploratory work will prove up considerable ore. Sketch 4 - (c) attached.

4 (d)

Mine is accessable by trail. Two roads within 3/4 mile of property. We will build a road into the property when it is further explored. Mine is about 2¼ miles airline from El Portal, California. Elevation about 4000 ft. so after road is in mine could be worked all year round. Will not be too much trouble to bring a bulldozer into the property for the proposed test work by coming down from existing roads. Work and hauling road would tap the El Portal to Foresta road and will be about 6 miles from mine to El Portal by road.

4 (e)

For exploratory work we plan on simple two man tent camp, not over three when bulldozer was working, men coming to town on weekends.

Ample experienced miners available and ample housing available within a six mile radius of El Portal.

Supplies are purchased in El Portal, six miles; Mariposa, 30 miles; major items come from Merced, Fresno and San Francisco, California.

Water quite close to property for all year round operation.

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Donna
page 1, attached

Incline Mining Co.
1770 - 22nd Avenue
San Francisco 22, Calif.

5 (a)

Tungsten, (Scheelite)

5 (b)

For the exploratory work, step #1, we plan on getting a buldozer down to the property from the nearest road, then trench the property East and West with buldozer to determine size and extent of ore body.

Require two and possibly three trenches about 100 ft. apart and each for 100 to 200 ft. long to determine width of ore body East and West and length down the hill or North and South, would try to trench down to solid ore formation. Will require considerable hand drilling and blasting to complete upper trench as outcrops are more massive in this area.

Step #2. After determining size of ore body by trenching on surface and best ore exposures, we would then drive a 100 ft. drift (or to the depth of the ore body which ever came first), then raise 50 ft. on ore and then crosscut on ore not exceeding 50 ft. (No work to be done in barren areas underground, ore zones only.)
100 ft. drift would be started at lowest point of strongest ore body Sketch 5 (b) attached.

5 (c)

Exploratory work would start within 30 days unless contract approval was delayed too close to winter season. Project would be completed within 9 months, depending upon time of year work was started and weather permitting.

5 (d)

We have been mining since 1946 and have had some good sized operations, mainly gold and chrome. Will have Mr. J. Paul Jones a mining engineer with many years experience in tungsten in the area at all times.

L. J. Cuneo will be in charge of the operations, he first started mining in 1940 and has been in heavy construction, quarry work and mining ever since. In charge of tungsten operation since 1/1/53.

6 (a)

No work will be contracted but we may hire a buldozer by the hour or bring one of our own in. D-4 run about $7.00 per hour but may be too small, D-7 will cost about $12.50 per hour, HD-10W about $12.50 per hour.

6 (b)

Miners, including insurance and taxes, each per day	$20.00
Engineer and supervisory time proportioned, per day	10.00
(Part time on job) (Balance charged to other jobs)	
Includes transportation and hauling minor supplies	

Donna
page 2, attached

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Incline Mining Co.
1770 - 22nd Avenue
San Francisco 22, Calif.

6 (c)

Powder, caps and fuse	- per day -$6.50	
Bits and bit sharpening	- per day - 7.00	
Tools, sharpening and replacements	- per day - 3.50	
Compressor fuel, oil and filter elements	- per day - 3.00	
Minor repairs and parts replacements	- per day - 2.00	
Nails, carbide and miscellaneous	- per day - 3.00	
Air and water pipe and hose, for total job		$200.00
Mine timbers		50.00
Freight and getting supplies to mine for start		100.00

We would furnish considerable tools and items on the job, no charge.

6 (d)

Will rent a 105 compressor, per month	140.00
Will rent a jackleg & special 48 lb. drill	60.00

Depending upon what is available at the time will rent a D-7 or HD-10W buldozer at about $12.50 per hour, If either one is not available may have to use a D-4 dozer at $7.00 per hour but this machine will take much longer, overall cost will probably be about the same.

6 (e)

None. We will furnish considerable tools and items at no charge.

6 (f)

Will put up a temporary camp site, with one tent total costs not exceeding $100.00. Low maintenance costs.

6 (g)

Total estimated assaying costs for project		$100.00
Proportion of office expenses per month	$50.00	

Semi-Totals	Per day
Two miners	$ 40.00
Supplies and materials 6 (c)	25.00
Other items in 6 (c)	4.00
Rentals 6 (d)	10.00
Camp expense, assaying, office expense, etc.	5.00
Engineer and supv. time, part time, 6 (b)	$ 10.00
Total estimate, no allowances	$ 94.00

Note: Tactite ore in this area is very hard and on other 4½ x 6½ ft. drifts we have only averaged 2 ft. per day with new equipment and good men. Some days we have used 9 carbide bits and over 100 sticks of powder to pull a four ft. round, forced to drill about 20 holes.

Donna
page 3, attached

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Incline Mining Co.
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San Francisco 2, Calif.

Trenching work.	
Transport Dozer to nearest dirt road	$ 100.00
Walk dozer into mine	50.00
Three trenches, estimated 50 hours	625.00
Necessary hand drilling and blasting	150.00
Walk dozer out and transport	100.00
Totals	$ 1025.00

Total cost summary of Exploratory Project:

Step #1:

Access in and out for buldozer and dozing three trenches down to ore and solid formation.	$ 1,000.00

Step #2:

100 ft. of exploration tunnel	@ $50.00	5,000.00
50 ft. of crosscut tunnel	@ 50.00	2,500.00
50 ft. of exploration raises	@ 40.00	2,000.00
	Above totals	$ 10,500.00
5% contingencies and unforseen		500.00
		$ 11,000.00

One-fourth	$2,750.00
Three-fourths	8,250.00

Donna
page 4, attached

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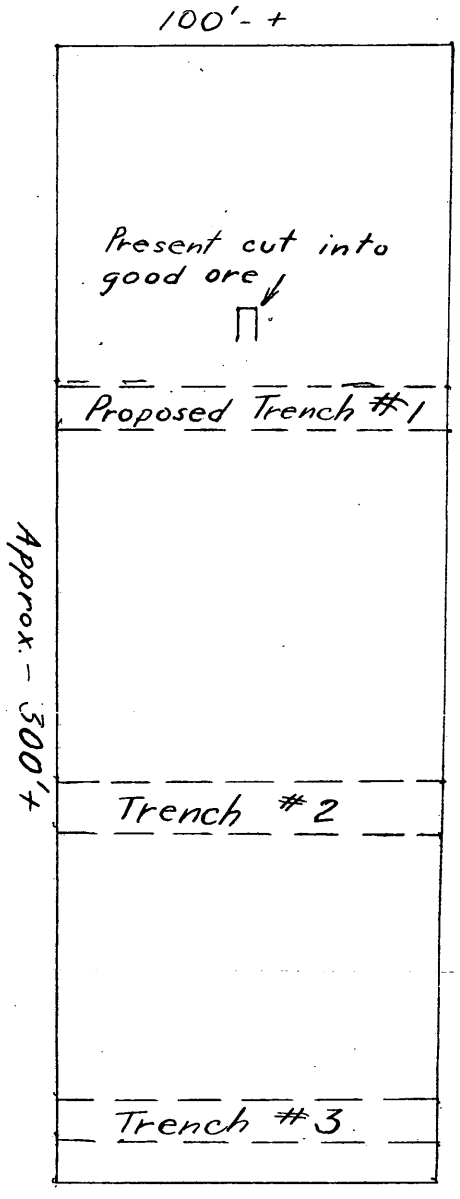
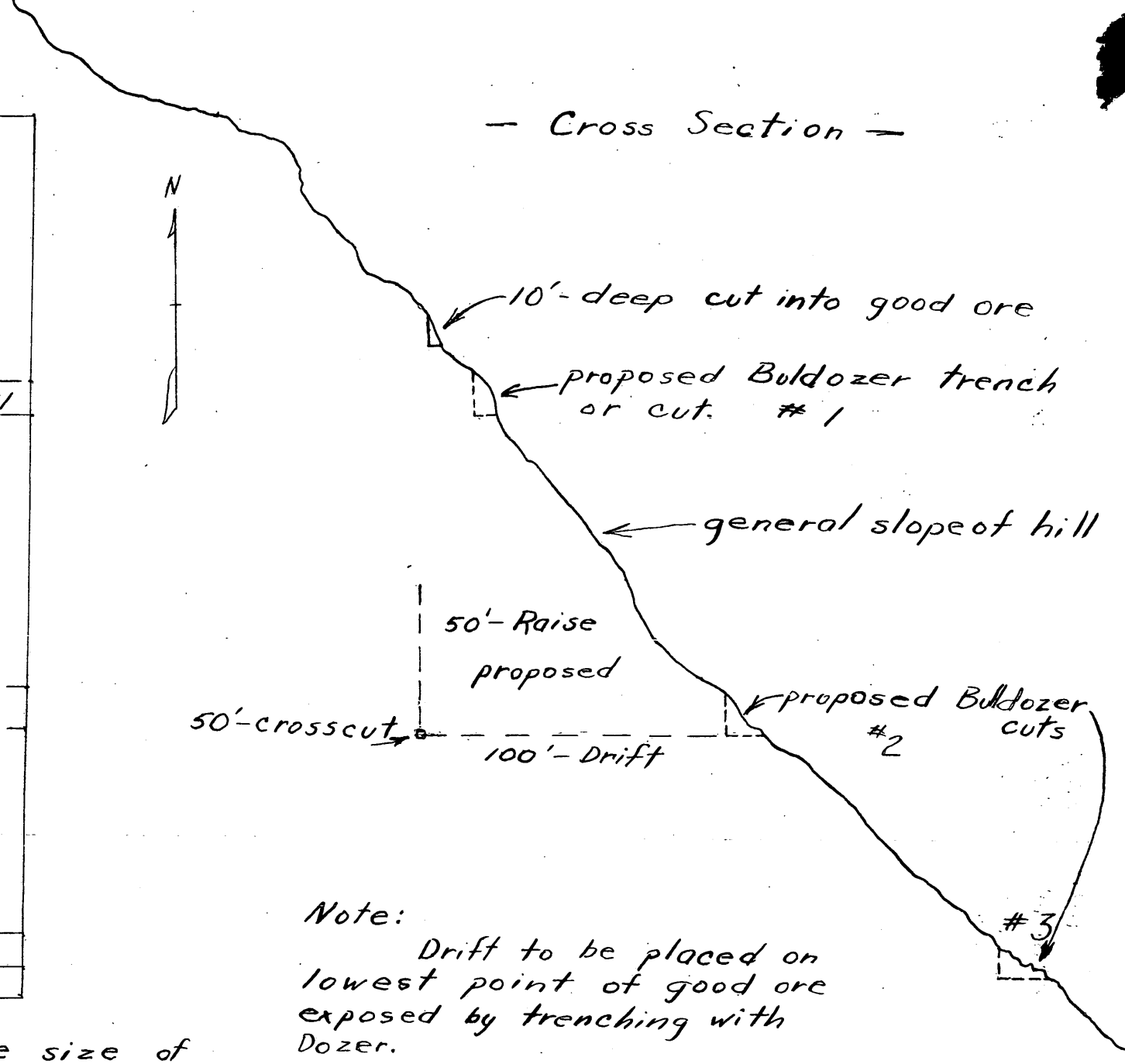
Incline Mining Co.
1770 - 22nd Avenue
San Francisco 22, Calif

Donna
Ac + 5b - attached



Approximate size of indicated surface deposit showing scheelite

- Plan -



Note:
Drift to be placed on lowest point of good ore exposed by trenching with Dozer.

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Incline Mining Co.
1770 22nd Avenue
San Francisco 22, Calif.

BUREAU OF MINES

420 Custom House
555 Battery Street
San Francisco 11, California

OFFICIAL BUSINESS

CALIF.
PB METER
P.O. 169445

Defense Minerals Exploration Administration