400

OCT 17 1955

Mrs. Ora Mae Wiley

Gold Point, Nevada

Re: Docket No. DMEA 3914-Tungsten
South Randolph Mine
Esmeralda County, Nevada

Dear Mrs. Wiley:

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

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

Careful study of our information, although noting a small amount of tungsten mineralization on the South Randolph mine property, indicates to us that the probability of disclosing minable tungsten ore reserves by your program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

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

Sincerely yours,

Frank E. Johnson

Acting Administrator

cc: FT, Reg. 2
Docket
Code 400
Adm. Read. File
Oper. Committee
T. Kiilsgaard, USGS
R. W. Holliday, USBM

SPHolt/ls
10/13/55

400

October 17, 1955

MEMORANDUM

To: Acting Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $35,000
Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

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

(1) The applicant, Mrs. Ora Mae Wiley, Gold Point, Esmeralda County, Nevada, requested exploration assistance in the amount of $35,000.00 for 10,000 cubic feet of trenching in open cuts and 800 feet of drifting in the South Randolph mine.

(2) The applicant controls, by deed from Esmeralda County, the following 11 patented lode mining claims:

Randolph Nos. 1 to 9, incl. U. S. Mineral Survey No. 4003
Rob Roy and Rob Roy Fraction, U. S. Mineral Survey No. 4103
situated in undivided T. 8 S., R. 42 E., M.D.B. & M., Esmeralda County, Nevada. Deed to claims is recorded in Book 3-E of Deeds, at pages 164 and 165 in the records of Esmeralda County, at Goldfield, Nevada.

(3) The proposed program is to excavate 10,000 cubic feet in road cuts and surface trenches, and to drift 800 feet along a granite-tactite contact in the South Randolph mine property.

(4) In the area explored by the South Randolph mine sparse tungsten mineralization occurs in outcrops, surface cuts, and underground workings, but there is little indication that minable bodies of tungsten ore will be discovered by work under the applicant's proposed program.

(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

cc: Docket
Code 400 ✓
Oper. Committee
Adm. Reading File

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

SPHolt/ls 10/17/55

400

October 13, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division - DMEA
Through: Acting Chief, Branch of Ferrous Metals & Ferroalloys

From: Commodity Specialist

Subject: Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
$35,000

The subject application is in an area of gold, silver, and lead mineralization, but there has been no production from the Randolph claims and little tungsten mineralization was found by the Field Teams.

I concur in the recommended denial.

R. W. Holliday

RWHolliday/jbr

Copy to Ferrous Metals (2)
Files

400

IN REPLY REFER TO:

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

RECEIVED
OCT 7 - 1955

October 6, 1955

Re: DMEA 3914
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
$35,000 - Tungsten

Copy retained 400

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in exploring a tactite zone by access road improvement, trenching, sampling and 800 feet of drifting.

The examiners found very little scheelite exposed either along the surface of the tactite or in underground workings.

A sample across 1 foot, taken from the best showing, assayed 0.21% WO_3. The tactite belt is well exposed and the amount of scheelite present does not justify trenching. A 60-foot adit along a northwest-trending cross fault failed to disclose any scheelite.

The conclusions and recommendation of the examiners that the application be denied are well supported.

I concur with the recommendation of denial.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-10/6/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

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

RECEIVED 1955

1605 Evans Avenue
Reno, Nevada

September 30, 1955

WDM

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3914 (Tungsten)
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

Pursuant to your letter of August 8, 1955, we are enclosing four copies of a field examination report on above subject property by B. H. Sheahan, Bureau of Mines and R. G. Reeves, Geological Survey, in which a denial of application for exploration aid is recommended

Roscoe Smith and I concur in the recommendation.

S. Ricker

Encl.

SRicker:gh
cc: R. M. Smith
File

Cleared 10/7/55

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3914 (Tungsten)
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

By

B. H. Sheahan
Mining Engineer
U. S. Bureau of Mines

R. G. Reeves
Geologist
U. S. Geological Survey

September 30, 1955

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ILLUSTRATIONS

Fig. 1. - Location map

Fig. 2. - South Randolph Mine

Fig. 3. - South Randolph Mine

INTRODUCTION

Mrs. Ora Mae Wiley, whose address is Gold Point, Esmeralda County, Nevada, applied for Government assistance with the Defense Minerals Exploration Administration for a $35,000 program to explore for tungsten at the South Randolph mine, on the southeast slope of Gold Mountain, Esmeralda County, Nevada. The application was dated July 19, 1955 and it was referred for a field examination by the Operating Committee on August 8, 1955.

The property was examined on September 1, 1955 by B. H. Sheahan, mining engineer, Bureau of Mines and R. G. Reeves, geologist, Geological Survey. They were accompanied by Mrs. Wiley and her son Kenneth Powell of Lida, Nev.

A 2-stage exploration program was planned by the applicant which would first include access road improvement, surface trenching and sampling. The second stage would include 800 feet of drifting along a granite tactite contact to explore for scheelite bearing tungsten ore.

The surface and underground workings were mapped and lamped with ultra violet light.

CONCLUSIONS AND RECOMMENDATIONS

There is very little scheelite mineralization exposed either along the surface of the tactite or in underground workings. Exposures of tactite on the South Randolph property are too low grade and sporadic in occurrence

to justify the exploration work proposed by the applicant. The field team recommends that the application for exploration assistance be denied, as there is little probability of making a significant discovery.

LOCATION, ACCESSIBILITY AND LOCAL RESOURCES

The property is within unsubdivided T. 8 S., R. 42 E., MDB&M, in the Gold Mountain Mining District at an altitude of 5,800 feet. This portion of Esmeralda County is semi-arid. To reach the mine from Goldfield, Nev., U. S. Highway 95 is followed south 33 miles; thence turn right and follow State Highway 72 southwesterly 9.0 miles; thence westerly on a slightly improved dirt road by way of Death Valley Scotty's airport 9.7 miles to the South Randolph property (fig. 1). The road is sandy and rough, but the property is accessible all year.

Water is available at a well near Scotty's airport which is 7.2 miles southeast of the mine. Goldfield, Nevada is the nearest source of labor and supplies. Electric power is not available in the vicinity.

HISTORY AND PRODUCTION

The district has been prospected and explored for gold, silver and lead, but there has been no recorded production from the Randolph or Rob Roy claims. Mr. Harry Wiley (deceased) was formerly engaged in the mining business and did considerable prospecting in the area.

PROPERTY AND OWNERSHIP

The property includes eleven patented mining claims: Randolph,

U. S. Mineral Survey No. 4003 No. 1 to No. 9, and Rob Roy, U. S. Mineral Survey No. 4103. The South Randolph mine includes a portion of these claims. The patents are recorded at Goldfield, Nevada in Book 3E, pages 164 and 165.

Mrs. Ora Mae Wiley purchased the property from Esmeralda County on September 15, 1952. She is the postmistress at Gold Point, Nev., where she also operates a small grocery store.

DEVELOPMENT

There are no surface facilities on the claims other than a small 2-room cabin. Underground workings include several shallow prospect pits and adits (see figs. 2 and 3). Total footage of underground workings amount to less than 300 feet.

Equipment owned by the applicant includes the following items, which are at Gold Point:

1 Jeep	Poor condition
1 Air compressor	" "
2 Mine cars	Fair "
3 Pneumatic rock drills	" "
Miscellaneous hand tools	Good "

GEOLOGY

The mine area is underlain by interbedded limestone and shale of Cambrian (?) age that was intruded and metamorphosed by granite. The sedimentary rocks strike northwesterly and dip from 20° to 80° southwest. Near the contact of the sedimentary rocks and the granite, the sedi-

mentary rocks are deformed, and strikes and dips vary widely.

The sedimentary rocks are highly metamorphosed near their contact with the granite. The limestone is recrystallized to marble, and the shale and impure limestone have been converted to hornfels. Near the contact the limy rocks have been converted to tactite composed largely of light brown garnet, quartz, epidote, and lime silicate minerals. The tactite is locally several hundred feet thick.

The contact between the granite and the sedimentary rocks is irregular in detail, and tongues of granite cut the sedimentary rocks or were injected parallel to bedding. Pendants of sedimentary rocks mostly metamorphosed to tactite are included in the granite body.

The rocks are cut by cross faults and bedding shears or faults. Near the contact of the sedimentary and igneous rocks the metamorphosed sedimentary rocks are hydrothermally altered along faults, fractures, and favorable beds.

ORE DEPOSITS

Scheelite is the main ore mineral; it is associated with iron sulfide minerals. Galena and oxidized lead minerals, mainly cerussite and mimetite (?) occur along faults and fractures in the tactite, but were not found associated with scheelite.

The scheelite bodies occur along cross faults and fractures, and in a small irregular concentration that could not be related to any

structure in the tactite. The scheelite bodies are generally less than 25 feet long and from a few inches to a foot wide. A sample of one of the bodies that showed the largest amount of scheelite under the ultraviolet lamp assayed 0.08 percent WO_3. A small body, about 1-1/2 feet wide and less than 10 feet long, in the lower adit assayed 0.21 percent WO_3.

SAMPLING

Sample (S-384) was taken from the best showing exposed on the property, which is in the lower tunnel. Sample (S-385) was taken from typical scheelite bearing tactite (see fig. 2).

Sample No.	Width, feet	%, WO_3	Remarks
S-384	1.0	0.21	Pod in face of drift.
S-385	2.0	0.08	Outcrop.

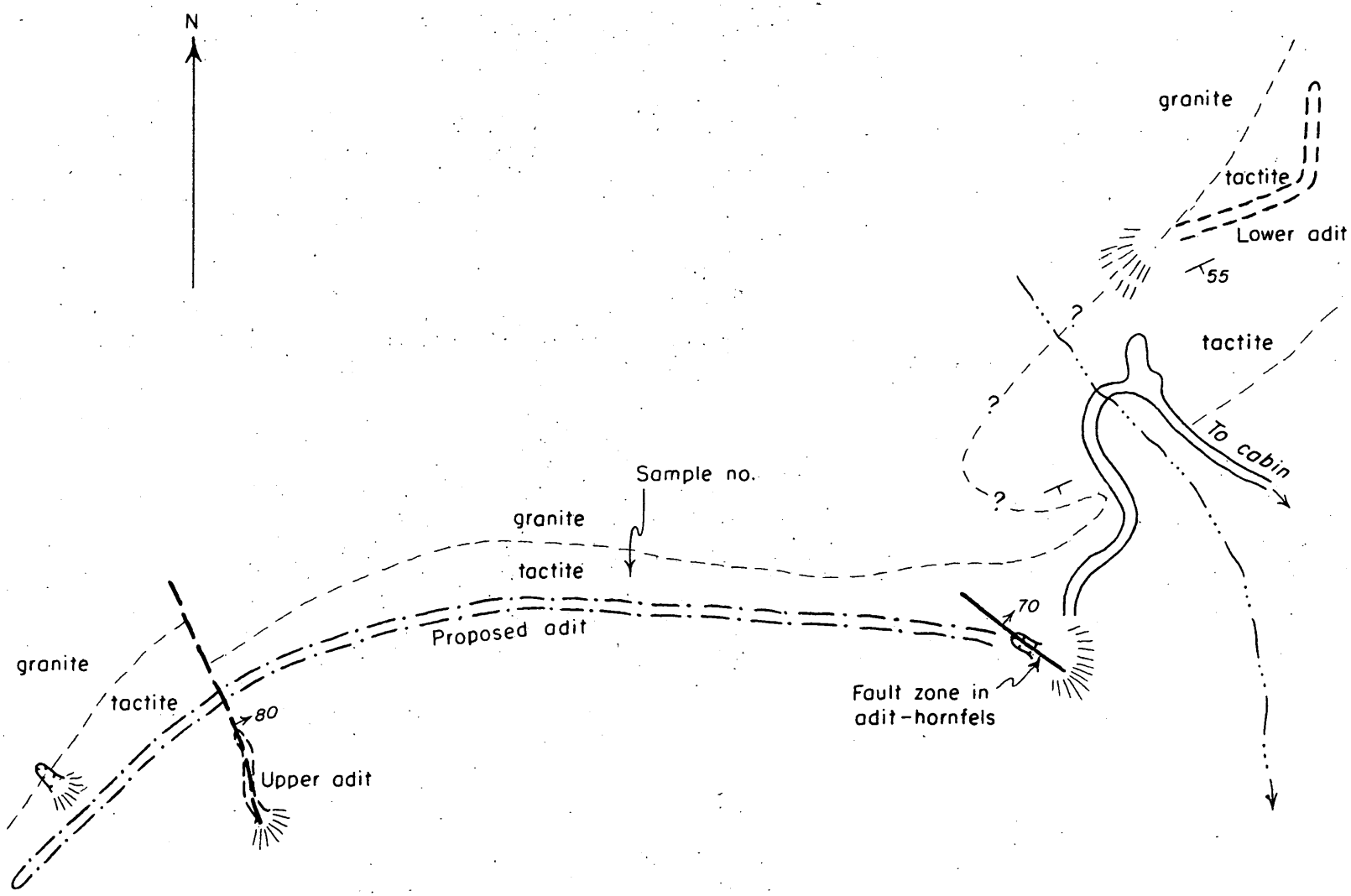
ORE RESERVES

The property contains no measured or indicated ore, and less than 100 tons of ore averaging 0.08 percent WO_3 is inferred in the mineralized zone.

PROPOSED EXPLORATION

No suitable targets exist for the proposed trenches and 800 foot adit. The tactite belt south of the contact between the granite and the sedimentary rocks is well exposed by outcrops. It does not contain enough scheelite to justify trenching. A 60-foot adit that explores the tactite along a northwest-trending cross fault has failed to disclose any scheelite. This

adit is about 300 feet above the proposed adit, but its face is only 25 feet south of the center line of the proposed adit.



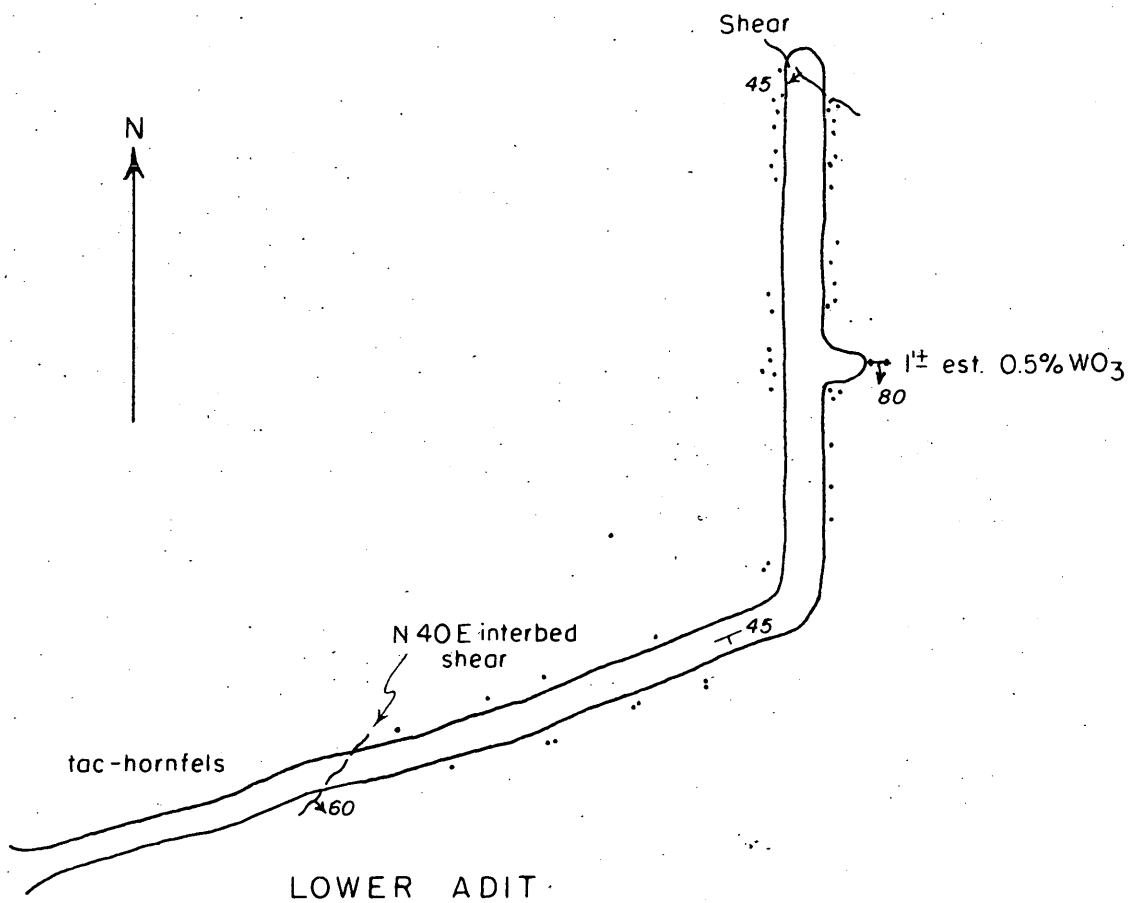
SOUTH RANDOLPH MINE, ESMERALDA COUNTY, NEVADA

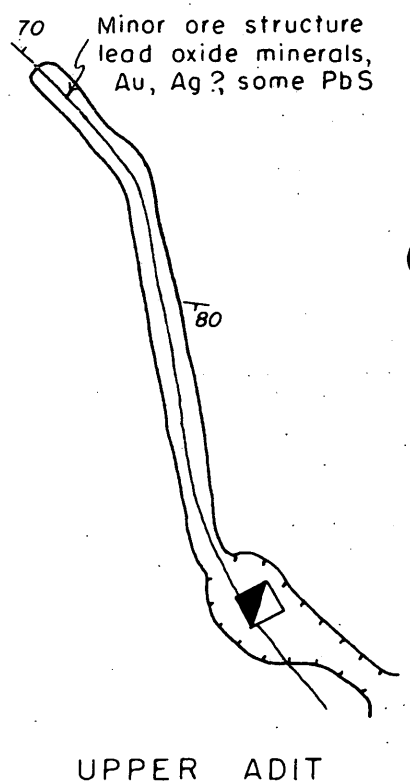
100 0 100 200 FEET

Figure 2

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3914
(TUNGSTEN)





SOUTH RANDOLPH MINE, ESMERALDA COUNTY, NEVADA

20 0 20 40 FEET

Figure 3

400

AUG - 8 1955

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region III
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 3914-Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

Dear Mr. Ricker:

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

Two copies of a relevant memorandum dated August 4, 1955, by M. E. Nelson, U. S. Geological Survey, are enclosed for your information.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Approved:

/s/ Robert W. Geehan

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
Robt. Holliday, USBM
FT, Reg. II

FARutledge/ls
8/8/55

Enclosure

IN REPLY REFER TO:

400

RECEIVED
AUG - 5 1955

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

August 4, 1955

Re: DMEA 3914
Ora Mae Wiley
South Randolph Mine
Esmeralda Co., Nev.
$35,000 - Tungsten

Memorandum

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

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

Subject: Review of Application.

A two-stage work program proposed for this scheelite prospect is proper, but the amount of proposed work of Stage I may be out of proportion to the showings.

Only two samples are listed and one is described as "picked." No sampling widths are given. If picked samples assay only 1.3 and 1% tungsten trioxide, the average grade of the tactite zone would probably be considerably less. The reason given for expecting better material at the slight additional depth of the proposed adit may be questioned.

The outcrop of the 500-foot tactite zone may deserve some work since scheelite is said to be visible (by lamp) for that length.

An appraisal of the prospect by the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-8/4/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

AUG 8 1955

400

Mrs. Ora Mae Wiley

Gold Point, Nevada

Re: Docket No. DMEA 3914-Tungsten
South Randolph mine
Esmeralda County, Nevada

Dear Mrs. Wiley:

Reference is made to the above-docketed application for exploration assistance which has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

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

Sincerely yours,

G. O. Mittenday

Administrator

CC; Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
Robt. Holliday, USBM
FT, Region II

FARutledge/ls
8/8/55

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

400

SEP 28 1956

Hon. Alan Bible
United States Senate
Washington 25, D. C.

My dear Senator Bible:

This will acknowledge receipt of your letter of September 24, 1956, enclosing letter to you of September 14 from State Senator E. L. Gard, 1545 Wells Avenue, Reno, Nevada, with copy of letter to him of September 10 from Ora Mae Wiley (Mrs. Harry Wiley), Gold Point, Nevada. Senator Gard's letter requests that you determine why Defense Minerals Exploration Administration denied Mrs. Wiley's application for exploration aid on the South Randolph Mine, Esmeralda County, Nevada.

Mrs. Wiley's letter states that her application was made in July 1956, but our files have no such record in 1956. We believe she has reference to her application of July 19, 1955, (our Docket No. DMEA 391h - Tungsten), denied by our letter of October 17, 1955, a copy of which is attached hereto. As you will note the denial resulted from our belief, based on all available information, that the probability of disclosing minable tungsten ore reserves on her same claims was not sufficiently promising to justify Government participation.

The same application included a report with tungsten trioxide analyses for two samples (of unstated sampling widths) respectively 1.0 percent WO_3 and 1.3 percent WO_3, as mentioned by Mrs. Wiley. However, the application also stated definitely that the first was a "picked sample" and seems to me to imply that the 1.3 percent WO_3 also represents a picked sample, probably selected under black-light. For your information, our sample taken from the best showing exposed on the property averaged 0.21 percent WO_3 over a width of one foot, and our sample of a typical scheelite bearing tactite ran 0.08 percent WO_3 over a width of 2 feet.

Mrs. Wiley's same letter discusses her estimated costs. Inasmuch as no suitable target for exploration was disclosed in our review of the available data, her costs were not a factor in our decision. Her letter also implies that a larger company would have received more favorable consideration. The enclosed list: "DMEA CONTRACTS IN THE STATE OF NEVADA AS OF AUGUST 31, 1956" shows clearly that her implication is

unjustified. It is ambiguous to speak of: "getting the same consideration - - - -as Anaconda or Henry Kaiser." Anaconda Copper Mining Company does not appear in our records, but Anaconda Lead and Silver Company, a Nevada Corporation, received a contract covering work in Eagle County, Colorado, Docket No. DMSA 1938, dated September 15, 1952, which was terminated for failure to prosecute operations pursuant to the terms thereof. No Government funds were disbursed because the work was not started. The Kaiser Aluminum and Chemical Corporation received only $1,099.39 under the fluorspar contract, Docket No. DMSA 3398, shown in our above mentioned list.

Finally, we believe we should comment on the statement in Senator Cord's above letter that our denial was made after Mrs. Wiley "had had the preliminary recommendations." This view is apparently based on the statements in her letter that she "felt encouraged when the request met the preliminary approval of the Reno office" of the United States Bureau of Mines and we requested the examination of the property. We regret that Mrs. Wiley misunderstood our procedure, but you will appreciate that on the foregoing instance although we had enough information to justify expending Government funds for the examination, the facts developed during that examination did not justify Government contribution for an exploration contract.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures

WSMartin/fcc
9/27/56
cc to: Docket
Code 400
Admr. Read. File
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

C O P Y

E. L. CORD
1545 Wells Avenue
Reno, Nevada

September 14, 1956

Senator Alan Bible
305 North Virginia Street
Reno, Nevada

Attention: Miss Eva Adams

Dear Senator:

I enclose a copy of letter from Ora Mae Wiley of Gold Point which is self-explanatory. I would appreciate it if you would find out why the Department turned down Mrs. Wiley on her loan after she had had the preliminary recommendations.

Yours very truly

/s/ E. L. Cord

ELC/Wm
Encl

C O P

ORA MAE WILEY
GOLD POINT, NEVADA

10 Sept 56

Senator E. L. Cord
Fish Lake Valley
Dyer, Nevada

Dear Senator Cord:

I am in need of some advice and I would appreciate your suggestions in a matter of great importance to me. In July of 1956 I made application through the regular channels for a D.M.E.A. loan of $35,000.00 on some patented claims known as the Randolph Claims in this county. This loan was intended for financing the exploration for Tungsten. Tactite outcroppings on these claims showed assays of 1.3% WO_3 on the surfact with signs of improvement at depth. Many mines today are operated successfully on poorer showings than this.

Our cost estimates were based on drifting at $35 per foot and the geology and engineering in the proposal were conservative and professional. Loans for three times this cost per foot and for many times the amount were being granted to larger companies so that I felt encouraged when the request met the preliminary approval of the Reno office of the U.S. Bureau of mines and the Washington office ordered the engineering examination of the property. The engineers sent here were enthusiastic in their appraisal of the deposits so you can imagine my disappointment when after four months the Bureau notified me that the loan was rejected.

I guess it is really true that this is an administration of big business, power and privelege. Those big companies are letting the government take the risks on their exploration programs but apparently there is nothing for the poor miner with a legitimate deposite and nothing to work with.

I thought possibly you might understand the mysterious workings of these complicated bureaus and have a suggestion of how to go about getting the same consideration out of them as Anaconda or Henry Kaiser. I realize that I haven't the right to expect much of your valuable time but I would appreciate a little help if you can do it without too much trouble. Thanks a lot for whatever advice you can give me.

Yours very truly

Mrs. Harry Wiley

DMEA CONTRACTS IN THE STATE OF NEVADA AS OF AUGUST 31, 1956

Operator	County Location Of Project	Total Estimated Cost	Gov't. Part.	Status
ANTIMONY				
[illegible] Perry & Robt. McPherson	Nye	$2,640	$1,980	Cancelled
COPPER				
[illegible] Schatz	Elko	74,621	37,311	Terminated
[illegible] Newman	Nye	3,780	1,890	Terminated
[illegible]nia Mines	Lincoln	25,792	12,896	Terminated
		104,193	52,097	
CORUNDUM-ANDALUSITE				
[illegible]da Corporation	Mineral	36,000	32,400	Terminated
FLUORSPAR				
[illegible]ner Aluminum & Chemical Corp.	Lander	5,020	2,510	Terminated
LEAD-ZINC				
[illegible] Nelson, et al.	Esmeralda	8,436	4,218	In Force
[illegible] Mines, Inc.	Lincoln	190,000	95,000	In Force
[illegible]-Combined Mines Co.	Lincoln	108,466	54,233	In Force
[illegible]d Metals Reduction Co.	Lincoln	98,200	49,100	In Force
[illegible]ke Mines, Inc.	Lincoln	21,750	10,875	In Force
[illegible]eler Mines, Inc.	White Pine	303,200	151,600	In Force
[illegible]idated Eureka Mining Co.	Eureka	57,050	28,525	Terminated
[illegible]l Silver Mines Co.	Lincoln	195,797	97,898	Terminated
[illegible]n Consolidated Mines Corp.	White Pine	26,740	13,370	Terminated
[illegible] Triangle	Washoe	15,300	7,650	Terminated
[illegible] Valley Mines, Inc.	Lincoln	86,200	43,100	Terminated
[illegible], Weaver	Lander	20,228	10,114	Terminated
[illegible] & Snyder	Lander	27,794	13,897	Terminated
[illegible] Minerals Reserve Corp.	Elko	53,509	26,752	Terminated
		1,212,661	606,331	
LEAD-ZINC-COPPER				
[illegible] & Jones	Lincoln	82,250	41,125	In Force
[illegible] Deposit Mining Co.	White Pine	26,400	13,200	Terminated
[illegible] Corporation	White Pine	88,388	44,194	Terminated
Frank Bullock	Elko	20,700	10,350	Terminated
		217,738	108,869	

Operator	County Location Of Project	Total Estimated Cost	Gov't. Part.	Status
	MANGANESE			
[illegible] and Paredi	White Pine	$27,300	$20,475	Terminated
[illegible] Mines, Inc.	Lincoln	22,160	16,620	Terminated
[illegible]ertsen, et al.	Lander	10,155	7,616	Terminated
		59,615	44,711	
	MERCURY			
[illegible]coln	Pershing	17,180	12,885	In Force
[illegible]Money	Humboldt	17,600	13,200	Terminated
[illegible]ngan	Esmeralda	8,925	6,694	Terminated
		43,705	32,779	
	TUNGSTEN			
[illegible], et al.	White Pine	16,400	12,300	In Force
[illegible]ing & Milling Co.	White Pine	24,900	13,675	In Force
[illegible]Strasher, et al.	Pershing	24,120	18,090	In Force
[illegible]rslite Corp.	Mineral	68,800	51,600	In Force
[illegible] Mining Corp.	Lincoln	76,300	57,225	In Force
[illegible]ited Uranium Mines, Inc.	Lincoln	77,035	57,776	In Force
[illegible]ines, Inc.	Humboldt	14,520	10,890	In Force
[illegible]	Humboldt	23,083	17,252	In Force
[illegible]an Mining Co.	Nye	41,190	30,893	Terminated
[illegible] Anderson, et al.	Pershing	21,640	16,230	Terminated
[illegible]e Company	White Pine	171,400	128,550	Terminated
[illegible]s Unlimited	White Pine	14,200	10,650	Terminated
[illegible]reek Tungsten Mining Co.	White Pine	75,000	56,250	Terminated
[illegible]lor Mines, Inc.	White Pine	170,424	127,818	Terminated
[illegible] Bros.	Elko	21,760	16,320	Terminated
[illegible] Lassen Mines, Inc.	White Pine	20,280	15,210	Terminated
[illegible] Development Corp.	White Pine	17,120	12,840	Terminated
[illegible] Erwin	Mineral	12,000	9,000	Terminated
[illegible], Bednar, et al.	Mineral	7,440	5,580	Terminated
[illegible] Byers	Esmeralda	10,600	7,950	Terminated
[illegible] Bone	Elko	6,500	4,875	Terminated
[illegible]ersteadt	Douglas	2,855	2,141	Terminated
[illegible] Wood	Douglas	6,200	4,650	Terminated
[illegible] Mountain Mining Co.	Churchill	32,268	24,201	Terminated
		949,454	716,975	
	URANIUM			
[illegible] Uranium Co.	Pershing	9,145	8,231	Terminated
[illegible] Uranium Corp.	Humboldt	20,750	15,562	Terminated
		29,895	23,793	
[illegible] Total - State of Nevada		2,660,981	1,870,933	

Draft
WSMartin/foc
9/28/56

WSM
OK
note suggestions
OK

My dear Senator Bible:

This will acknowledge receipt of your letter of September 24, 1956, enclosing letter to you of September 14 from State Senator E. L. Cord, 1545 Wells Avenue, Reno, Nevada, with copy of letter to him of September 10 from Ora Mae Wiley (Mrs. Harry Wiley), Gold Point, Nevada. Senator Cord's letter requests that you determine why Defense Minerals Exploration Administration denied Mrs. Wiley's application for exploration aid on the South Randolph Mine, Esmeralda County, Nevada.

Mrs. Wiley's letter states that her application was made in July 1956, but our files have no such record in 1956. We believe she has reference to her application of July 19, 1955, (our Docket No. DMEA 3914 - Tungsten), denied by our letter of October 17, 1955, a copy of which is attached hereto. As you will note the denial resulted from our belief, based on all available information, that the probability of disclosing minable tungsten ore reserves on her same claims was not sufficiently promising to justify Government participation.

The same application included a report with tungsten trioxide analyses for two samples(of unstated sampling widths) respectively 1.0 percent WO_3 and 1.3 percent WO_3, as mentioned by Mrs. Wiley. However, the application also stated definitely that the first was a "picked sample" and seems to us to imply that the 1.3 percent WO_3 also represents a picked sample, probably selected under black-light. For ~~(the)~~ your information ~~(of the property owner, but not for publication)~~, our sample taken from the best showing exposed on the property assayed 0.21 percent WO_3 over a width of one foot, and our sample of a typical scheelite bearing tactite ~~was~~ ran 0.08 percent WO_3 over a width of 2 feet.

Mrs. Wiley's same letter discusses her estimated costs. Inasmuch as no suitable target for exploration was disclosed in our review of the available data, her costs were not a factor in our decision. Her letter also implies that a larger company would have received more favorable consideration. The enclosed list: "DMEA CONTRACTS IN THE STATE OF NEVADA AS OF AUGUST 31, 1956" shows clearly that her implication is unjustified. It is ambiguous to speak of: "getting the same consideration - - - as Anaconda or Henry Kaiser". Anaconda Copper Mining Co., does not appear in our records, but Anaconda Lead and Silver Company, a Nevada Corporation, received a contract covering work in Eagle County, Colorado, DMEA 1938, dated September 15, 1952, which was terminated for failure to prosecute operations pursuant to the terms thereof. The While Kaiser Aluminum & Chemical Corp., received only $1,099.39 under the fluorspar contract, Docket No. DMEA 3398, shown in our above mentioned list, ~~the Kaiser Steel Corporation's application, Docket No. DMA-1570X, to our predecessor agency, Defense Minerals Administration, for exploration aid in Riverside County, California, was denied.~~

No govt funds were disbursed, etc.?

policy not to discuss denials ?

Finally, we believe we should comment on the statement in Senator Cord's above letter that our denial was made after Mrs. Wiley "had had the preliminary recommendations". This view is apparently based on the statements in her letter that she "felt encouraged when the request met the preliminary approval of the Reno office" of the United States Bureau of Mines and we requested the examination of the property. We regret that Mrs. Wiley misunderstood our procedure, but

you will appreciate that on the foregoing instance although we had enough information to justify expending Government funds for the examination, the facts developed during that examination did not justify Government contribution for an exploration contract.

Sincerely yours,

Administrator

Enclosures

C O P Y

ORA MAE WILEY
GOLD POINT, NEVADA

10 Sept 56

Senator E. L. Cord
Fish Lake Valley
Dyer, Nevada

Dear Senator Cord:

I am in need of some advice and I would appreciate your suggestions in a matter of great importance to me. In July of 1956 I made application through the regular channels for a D.M.E.A. loan of $35,000.00 on some patented claims known as the Randolph Claims in this county. This loan was intended for financing the exploration for Tungsten. Tactite outcroppings on these claims showed assays of 1.8% WO_3 on the surfact with signs of improvement at depth. Many mines today are operated successfully on poorer showings than this.

Our cost estimates were based on drifting at $55 per foot and the geology and engineering in the proposal were conservative and professional. Loans for three times this cost per foot and for many times the amount were being granted to larger companies so that I felt encouraged when the request met the preliminary approval of the Reno office of the U.S.Bureau of mines and the Washington office ordered the engineering examination of the property. The engineers sent here were enthusiastic in their appraisal of the deposits so you can imagine my disappointment when after four months the Bureau notified me that the loan was rejected.

[illegible] that this is an admin[illegible]
[illegible] leases. These big companies [illegible]
[illegible] rights on their exploration programs [illegible]
[illegible] for the poor miner with a legitimate [illegible]
[illegible]

[illegible] you might understand the myste[illegible]
[illegible] bureaus and have a suggestion of how [illegible]
[illegible] same consideration out of them as Anaconda [illegible]
[illegible] that I haven't the right to expect much of your [illegible]
[illegible] would appreciate a little help if you can do it [illegible]
[illegible] trouble. Thanks a lot for whatever advice [illegible]

Yours very truly

Mrs. Harry Wiley

40

Excerpt from Mr. Mittendorf's diary, 9/19/56:

3914

Late in the afternoon, Liebert called to say he had received a call from Senator Bennett's office requesting statistical information which would show the extent to which the Administration has assisted the mining industry in Utah. He said the Senator had been blasted in the Salt Lake papers for the Administration's failure to do anything worthwhile for the mining industry. Liebert wanted a breakdown of all contracts executed in the State of Utah.

He received a similar inquiry from Cliff Young, of Nevada.

I recollected that I had given both Bennett and Young statistical information recently, but I agreed to have Dakan prepare new up-to-date summaries. He had the typing started about 4 o'clock this afternoon.

11:30 9/27

The information you had asked Mr. Jones's office for is "not restricted"

DOCKET
SURNAME
600 Martin

3914

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

SEP 2 6 1956

Hon. Alan Bible
United States Senate
Washington 25, D. C.

My dear Senator Bible:

This will acknowledge receipt of your letter of September 24, 1956, enclosing letter to you of September 14 from State Senator R. L. Cord, 1545 Wells Avenue, Reno, Nevada, with copy of letter to him of September 10 from Ora Mae Wiley (Mrs. Harry Wiley), Gold Point, Nevada. Senator Cord's letter requests that you determine why Defense Minerals Exploration Administration denied Mrs. Wiley's application for exploration aid on the South Randolph Mine, Esmeralda County, Nevada.

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unjustified. It is ambiguous to speak of: "getting the same consideration - - - -as Anaconda or Henry Kaiser." Anaconda Copper Mining Company does not appear in our records, but Anaconda Lead and Silver Company, a Nevada Corporation, received a contract covering work in Eagle County, Colorado, Docket No. DMSA 1938, dated September 15, 1952, which was terminated for failure to prosecute operations pursuant to the terms thereof. No Government funds were disbursed because the work was not started. The Kaiser Aluminum and Chemical Corporation received only $1,099.39 under the fluorspar contract, Docket No. DMSA 3398, shown in our above mentioned list.

Finally, we believe we should comment on the statement in Senator Cord's above letter that our denial was made after Mrs. Wiley "had had the preliminary recommendations." This view is apparently based on the statements in her letter that she "felt encouraged when the request met the preliminary approval of the Reno office" of the United States Bureau of Mines and we requested the examination of the property. We regret that Mrs. Wiley misunderstood our procedure, but you will appreciate that on the foregoing instance although we had enough information to justify expending Government funds for the examination, the facts developed during that examination did not justify Government contribution for an exploration contract.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures

WSMartin/fec
9/27/56
cc to: Docket
Code 400
Admr. Read. File
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

United States Senate

Washington, D. C., September 24, *19*56

Respectfully referred to

Mr. C. O. Mittendorf
Administrator
Defense Minerals Exploration Admn
Department of the Interior
Washington, D.C.

Dear Mr. Mittendorf:

Senator Bible, presently in Nevada, requested we send the attached correspondence to you for a reply.

Thank you for your courtesy.

Sincerely,

OFFICE OF SENATOR ALAN BIBLE

By Elizabeth Heckman
Elizabeth Heckman

RECEIVED
SEP 2 1956

U. S. S.

U. S. GOVERNMENT PRINTING OFFICE 16—45102-2

C O P Y

ORA MAE WILEY
GOLD POINT, NEVADA

10 Sept 56

Senator E. L. Cord
Fish Lake Valley
Dyer, Nevada

Dear Senator Cord:

I am in need of some advice and I would appreciate your suggestions in a matter of great importance to me. In July of 1956 I made application through the regular channels for a D.M.E.A. loan of $35,000.00 on some patented claims known as the Randolph Claims in this county. This loan was intended for financing the exploration for Tungsten. Tactite outcroppings on these claims showed assays of 1.3% WO_3 on the surfact with signs of improvement at depth. Many mines today are operated successfully on poorer showings than this.

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[illegible] it is really true that this is an administration of big [illegible] power and privelege. These big companies are letting the [illegible] take the risks on their exploration programs but apparently [illegible] nothing for the poor miner with a legitimate deposite and nothing to work with.

I thought possibly you might understand the mysterious workings of these complicated bureaus and have a suggestion of how to go about getting the same consideration out of them as Anaconda or Henry [illegible]. I realize that I haven't the right to expect much of your valuable time but I would appreciate a little help if you can do it without too much trouble. Thanks a lot for whatever advice you can give me.

Yours very truly

Mrs. Harry Wiley

C O P Y

E. L. CORD
1545 Wells Avenue
Reno, Nevada

September 14, 1956

Senator Alan Bible
305 North Virginia Street
Reno, Nevada

Attention: Miss Eva Adams

Dear Senator:

I enclose a copy of letter from Ora Mae Wiley of Gold Point which is self-explanatory. I would appreciate it if you would find out why the Department turned down Mrs. Wiley on her loan after she had had the preliminary recommendations.

Yours very truly

/s/ E. L. Cord

ELC/Wm
Encl

DMEA CONTRACTS IN THE STATE OF NEVADA AS OF AUGUST 31, 1956

Name of Operator	County Location Of Project	Total Estimated Cost	Gov't. Part.	Status
ANTIMONY				
[illegible] Perry & Robt. McPherson	Nye	$2,640	$1,980	Cancelled
COPPER				
[illegible] A. Schutz	Elko	74,621	37,311	Terminated
[illegible] Newman	Nye	3,780	1,890	Terminated
[illegible]vania Mines	Lincoln	25,792	12,896	Terminated
		104,193	52,097	
CORUNDUM-ANDALUSITE				
[illegible]de Corporation	Mineral	36,000	32,400	Terminated
FLUORSPAR				
[illegible]ser Aluminum & Chemical Corp.	Lander	5,080	2,510	Terminated
LEAD-ZINC				
[illegible] Nelson, et al.	Esmeralda	8,436	4,218	In Force
[illegible] Mines, Inc.	Lincoln	190,000	95,000	In Force
[illegible]-Combined Mines Co.	Lincoln	108,466	54,233	In Force
[illegible] Metals Reduction Co.	Lincoln	98,200	49,100	In Force
[illegible]ke Mines, Inc.	Lincoln	21,750	10,875	In Force
[illegible]ler Mines, Inc.	White Pine	303,200	151,600	In Force
[illegible]olidated Eureka Mining Co.	Eureka	57,050	28,525	Terminated
[illegible]tol Silver Mines Co.	Lincoln	195,797	97,898	Terminated
[illegible]on Consolidated Mines Corp.	White Pine	26,740	13,370	Terminated
[illegible]wingle	Washoe	15,300	7,650	Terminated
[illegible]ley Mines, Inc.	Lincoln	86,200	43,100	Terminated
[illegible] Keever	Lander	20,228	10,114	Terminated
[illegible] Snyder	Lander	27,794	13,897	Terminated
[illegible] Minerals Reserve Corp.	Elko	53,500	26,750	Terminated
		1,212,661	606,331	
LEAD-ZINC-COPPER				
[illegible] & Jones	Lincoln	82,250	41,125	In Force
[illegible] Deposit Mining Co.	White Pine	26,400	13,200	Terminated
[illegible] Corporation	White Pine	88,388	44,194	Terminated
[illegible] Bullock	Elko	20,700	10,150	Terminated
		217,738	108,869	

Operator	County Location Of Project	Total Estimated Cost	Gov't. Part.	Status
	MANGANESE			
[illegible] and Paredi	White Pine	$27,300	$20,475	Terminated
[illegible] Mines, Inc.	Lincoln	22,160	16,620	Terminated
[illegible] Peterson, et al.	Lander	10,155	7,616	Terminated
		59,615	44,711	
	MERCURY			
[illegible] Gaspin	Pershing	17,180	12,885	In Force
[illegible] Mining	Humboldt	17,600	13,200	Terminated
[illegible] Donnigan	Esmeralda	8,925	6,694	Terminated
		43,705	32,779	
	TUNGSTEN			
[illegible] Davis, et al.	White Pine	16,400	12,300	In Force
[illegible] Mining & Milling Co.	White Pine	24,900	19,675	In Force
[illegible] Thresher, et al.	Pershing	24,120	18,090	In Force
[illegible] Scheelite Corp.	Mineral	68,800	51,600	In Force
[illegible] Mining Corp.	Lincoln	76,300	57,225	In Force
[illegible] Consolidated Uranium Mines, Inc.	Lincoln	77,035	57,776	In Force
[illegible] Mines, Inc.	Humboldt	14,520	10,890	In Force
[illegible] Inc.	Humboldt	23,083	17,252	In Force
[illegible] Mining Co.	Nye	41,190	30,893	Terminated
[illegible] N. Anderson, et al.	Pershing	21,648	16,230	Terminated
[illegible] Mines Company	White Pine	171,400	128,550	Terminated
[illegible] Unlimited	White Pine	14,200	10,650	Terminated
[illegible] Creek Tungsten Mining Co.	White Pine	75,000	56,250	Terminated
[illegible] Wheeler Mines, Inc.	White Pine	170,464	127,818	Terminated
[illegible] Bros.	Elko	21,760	16,320	Terminated
[illegible] Mines, Inc.	White Pine	20,280	15,210	Terminated
[illegible] Development Corp.	White Pine	17,120	12,840	Terminated
[illegible] Kerwin	Mineral	12,000	9,000	Terminated
[illegible], Archer, et al.	Mineral	7,440	5,580	Terminated
[illegible] Sykes	Esmeralda	10,600	7,950	Terminated
[illegible] & Sons	Elko	6,500	4,875	Terminated
[illegible] Torrestedt	Douglas	2,855	2,141	Terminated
[illegible] C. Wood	Douglas	6,200	4,650	Terminated
[illegible] Mountain Mining Co.	Churchill	[illegible]	24,201	Terminated
		[illegible]	716,975	
	URANIUM			
[illegible] Uranium Co.	Pershing	9,245	6,931	Terminated
[illegible] Uranium Corp.	Humboldt	20,750	15,561	Terminated
		29,995	22,493	
[illegible] Total - State of Nevada		2,660,982	1,870,933	

400

DOCKET
Surname:
Holt
Martin
Kiilsgaard
Yoder
Lefridge

OCT 17 1955

Mrs. Ora Mae Wiley

Gold Point, Nevada

Re: Docket No. DMEA 3914-Tungsten
South Randolph Mine
Esmeralda County, Nevada

Dear Mrs. Wiley:

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

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

Careful study of our information, although noting a small amount of tungsten mineralization on the South Randolph mine property, indicates to us that the probability of disclosing minable tungsten ore reserves by your program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

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

Sincerely yours,

Frank E. Johnson

Acting Administrator

cc: FT, Reg. 2
Docket
Code 400
Adm. Read. File
Oper. Committee
T. Kiilsgaard, USGS
R. W. Holliday, USBM

SPHolt/ls
10/13/55

R.C.L.

400

DOCKET
Surname:
Holt
Martin

October 17, 1955

MEMORANDUM

To: Acting Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $35,000
Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

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

(1) The applicant, Mrs. Ora Mae Wiley, Gold Point, Esmeralda County, Nevada, requested exploration assistance in the amount of $35,000.00 for 10,000 cubic feet of trenching in open cuts and 800 feet of drifting in the South Randolph mine.

(2) The applicant controls, by deed from Esmeralda County, the following 11 patented lode mining claims:

Randolph Nos. 1 to 9, incl. U. S. Mineral Survey No. 4003
Rob Roy and Rob Roy Fraction, U. S. Mineral Survey No. 4103
situated in undivided T. 8 S., R. 42 E., M.D.B. & M., Esmeralda County, Nevada. Deed to claims is recorded in Book 3-E of Deeds, at pages 164 and 165 in the records of Esmeralda County, at Goldfield, Nevada.

(3) The proposed program is to excavate 10,000 cubic feet in road cuts and surface trenches, and to drift 800 feet along a granite-tactite contact in the South Randolph mine property.

(4) In the area explored by the South Randolph mine sparse tungsten mineralization occurs in outcrops, surface cuts, and underground workings, but there is little indication that minable bodies of tungsten ore will be discovered by work under the applicant's proposed program.

(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

cc: Docket
Code 400
Oper. Committee
Adm. Reading File
SPHolt/ls 10/17/55

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

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

October 17, 1955

MEMORANDUM

To: Acting Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

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Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
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W S Martin
W. S. Martin, Chief
Iron and Ferro-Alloys Division

Docket

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

October 13, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division - DMEA
Through: Acting Chief, Branch of Ferrous Metals & Ferroalloys

From: Commodity Specialist

Subject: Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
$35,000

The subject application is in an area of gold, silver, and lead mineralization, but there has been no production from the Randolph claims and little tungsten mineralization was found by the Field Teams.

I concur in the recommended denial.

R W Holliday

R. W. Holliday

Copy retained 400

October 13, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division - DMEA
Through: Acting Chief, Branch of Ferrous Metals & Ferroalloys

From: Commodity Specialist

Subject: Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
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R. W. Holliday

RWHolliday/jtr

Copy to Ferrous Metals (2)
Files

October 13, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division - DMEA
Through: Acting Chief, Branch of Ferrous Metals & Ferroalloys

From: Commodity Specialist

Subject: Docket No. DMEA 3914 - Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
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R. W. Halliday

RWHalliday/jm

Copy to Ferrous Metals (2)
Files

Docket

IN REPLY REFER TO:

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

RECEIVED
OCT 7 - 1955

Copy retained 400

October 6, 1955

Re: DMEA 3914
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
$35,000 - Tungsten

W509

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in exploring a tactite zone by access road improvement, trenching, sampling and 800 feet of drifting.

The examiners found very little scheelite exposed either along the surface of the tactite or in underground workings.

A sample across 1 foot, taken from the best showing, assayed 0.21% WO_3. The tactite belt is well exposed and the amount of scheelite present does not justify trenching. A 60-foot adit along a northwest-trending cross fault failed to disclose any scheelite.

The conclusions and recommendation of the examiners that the application be denied are well supported.

I concur with the recommendation of denial.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

RECEIVED
OCT 7 - 1955

October 6, 1955

Re: DMEA 3914
Ore Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
$35,000 - Tungsten

Memorandum

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

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

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The conclusions and recommendation of the examiners that the application be denied are well supported.

I concur with the recommendation of denial.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-10/6/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

IN REPLY REFER TO:

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

RECEIVED
OCT 7 - 1955

October 6, 1955

Re: DMEA 3914
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada
$35,000 - Tungsten

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N. E. Nelson

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NENelson:iml
G-10/6/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

R m E a

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

1605 Evans Avenue
Reno, Nevada

September 30, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3914 (Tungsten)
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

Pursuant to your letter of August 8, 1955, we are enclosing four copies of a field examination report on above subject property by B. H. Sheahan, Bureau of Mines and R. G. Reeves, Geological Survey, in which a denial of application for exploration aid is recommended

Roscoe Smith and I concur in the recommendation.

S. Ricker

S. Ricker

Encl.

Returned to
DMEA Operations Officer
10-7-55
(date)

BUREAU OF MINES
WASHINGTON, D. C.

OCT 3 9 09 AM '55

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OCT 3 - 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3914 (Tungsten)
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

By

B. H. Sheahan
Mining Engineer
U. S. Bureau of Mines

R. G. Reeves
Geologist
U. S. Geological Survey

September 30, 1955

Reviewed by
DMEA OPERATING COMMITTEE
10-7-55
(date)

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ILLUSTRATIONS

Fig. 1.- Location map

Fig. 2.- South Randolph Mine

Fig. 3.- South Randolph Mine

INTRODUCTION

Mrs. Ora Mae Wiley, whose address is Gold Point, Esmeralda County, Nevada, applied for Government assistance with the Defense Minerals Exploration Administration for a $35,000 program to explore for tungsten at the South Randolph mine, on the southeast slope of Gold Mountain, Esmeralda County, Nevada. The application was dated July 19, 1955 and it was referred for a field examination by the Operating Committee on August 8, 1955.

The property was examined on September 1, 1955 by B. H. Sheahan, mining engineer, Bureau of Mines and R. G. Reeves, geologist, Geological Survey. They were accompanied by Mrs. Wiley and her son Kenneth Powell of Lida, Nev.

A 2-stage exploration program was planned by the applicant which would first include access road improvement, surface trenching and sampling. The second stage would include 800 feet of drifting along a granite tactite contact to explore for scheelite bearing tungsten ore.

The surface and underground workings were mapped and lamped with ultra violet light.

CONCLUSIONS AND RECOMMENDATIONS

There is very little scheelite mineralization exposed either along the surface of the tactite or in underground workings. Exposures of tactite on the South Randolph property are too low grade and sporadic in occurrence

to justify the exploration work proposed by the applicant. The field team recommends that the application for exploration assistance be denied, as there is little probability of making a significant discovery.

LOCATION, ACCESSIBILITY AND LOCAL RESOURCES

The property is within unsubdivided T. 8 S., R. 42 E., MDB&M, in the Gold Mountain Mining District at an altitude of 5,800 feet. This portion of Esmeralda County is semi-arid. To reach the mine from Goldfield, Nev., U. S. Highway 95 is followed south 33 miles; thence turn right and follow State Highway 72 southwesterly 9.0 miles; thence westerly on a slightly improved dirt road by way of Death Valley Scotty's airport 9.7 miles to the South Randolph property (fig. 1). The road is sandy and rough, but the property is accessible all year.

Water is available at a well near Scotty's airport which is 7.2 miles southeast of the mine. Goldfield, Nevada is the nearest source of labor and supplies. Electric power is not available in the vicinity.

HISTORY AND PRODUCTION

The district has been prospected and explored for gold, silver and lead, but there has been no recorded production from the Randolph or Rob Roy claims. Mr. Harry Wiley (deceased) was formerly engaged in the mining business and did considerable prospecting in the area.

PROPERTY AND OWNERSHIP

The property includes eleven patented mining claims: Randolph,

U. S. Mineral Survey No. 4003 No. 1 to No. 9, and Rob Roy, U. S. Mineral Survey No. 4103. The South Randolph mine includes a portion of these claims. The patents are recorded at Goldfield, Nevada in Book 3E, pages 164 and 165.

Mrs. Ora Mae Wiley purchased the property from Esmeralda County on September 15, 1952. She is the postmistress at Gold Point, Nev., where she also operates a small grocery store.

DEVELOPMENT

There are no surface facilities on the claims other than a small 2-room cabin. Underground workings include several shallow prospect pits and adits (see figs. 2 and 3). Total footage of underground workings amount to less than 300 feet.

Equipment owned by the applicant includes the following items, which are at Gold Point:

1 Jeep	Poor condition
1 Air compressor	" "
2 Mine cars	Fair "
3 Pneumatic rock drills	" "
Miscellaneous hand tools	Good "

GEOLOGY

The mine area is underlain by interbedded limestone and shale of Cambrian (?) age that was intruded and metamorphosed by granite. The sedimentary rocks strike northwesterly and dip from 20° to 80° southwest. Near the contact of the sedimentary rocks and the granite, the sedi-

mentary rocks are deformed, and strikes and dips vary widely.

The sedimentary rocks are highly metamorphosed near their contact with the granite. The limestone is recrystallized to marble, and the shale and impure limestone have been converted to hornfels. Near the contact the limy rocks have been converted to tactite composed largely of light brown garnet, quartz, epidote, and lime silicate minerals. The tactite is locally several hundred feet thick.

The contact between the granite and the sedimentary rocks is irregular in detail, and tongues of granite cut the sedimentary rocks or were injected parallel to bedding. Pendants of sedimentary rocks mostly metamorphosed to tactite are included in the granite body.

The rocks are cut by cross faults and bedding shears or faults. Near the contact of the sedimentary and igneous rocks the metamorphosed sedimentary rocks are hydrothermally altered along faults, fractures, and favorable beds.

ORE DEPOSITS

Scheelite is the main ore mineral; it is associated with iron sulfide minerals. Galena and oxidized lead minerals, mainly cerussite and mimetite (?) occur along faults and fractures in the tactite, but were not found associated with scheelite.

The scheelite bodies occur along cross faults and fractures, and in a small irregular concentration that could not be related to any

structure in the tactite. The scheelite bodies are generally less than 25 feet long and from a few inches to a foot wide. A sample of one of the bodies that showed the largest amount of scheelite under the ultraviolet lamp assayed 0.08 percent WO_3. A small body, about 1-1/2 feet wide and less than 10 feet long, in the lower adit assayed 0.21 percent WO_3.

SAMPLING

Sample (S-384) was taken from the best showing exposed on the property, which is in the lower tunnel. Sample (S-385) was taken from typical scheelite bearing tactite (see fig. 2).

Sample No.	Width, feet	%, WO_3	Remarks
S-384	1.0	0.21	Pod in face of drift.
S-385	2.0	0.08	Outcrop.

ORE RESERVES

The property contains no measured or indicated ore, and less than 100 tons of ore averaging 0.08 percent WO_3 is inferred in the mineralized zone.

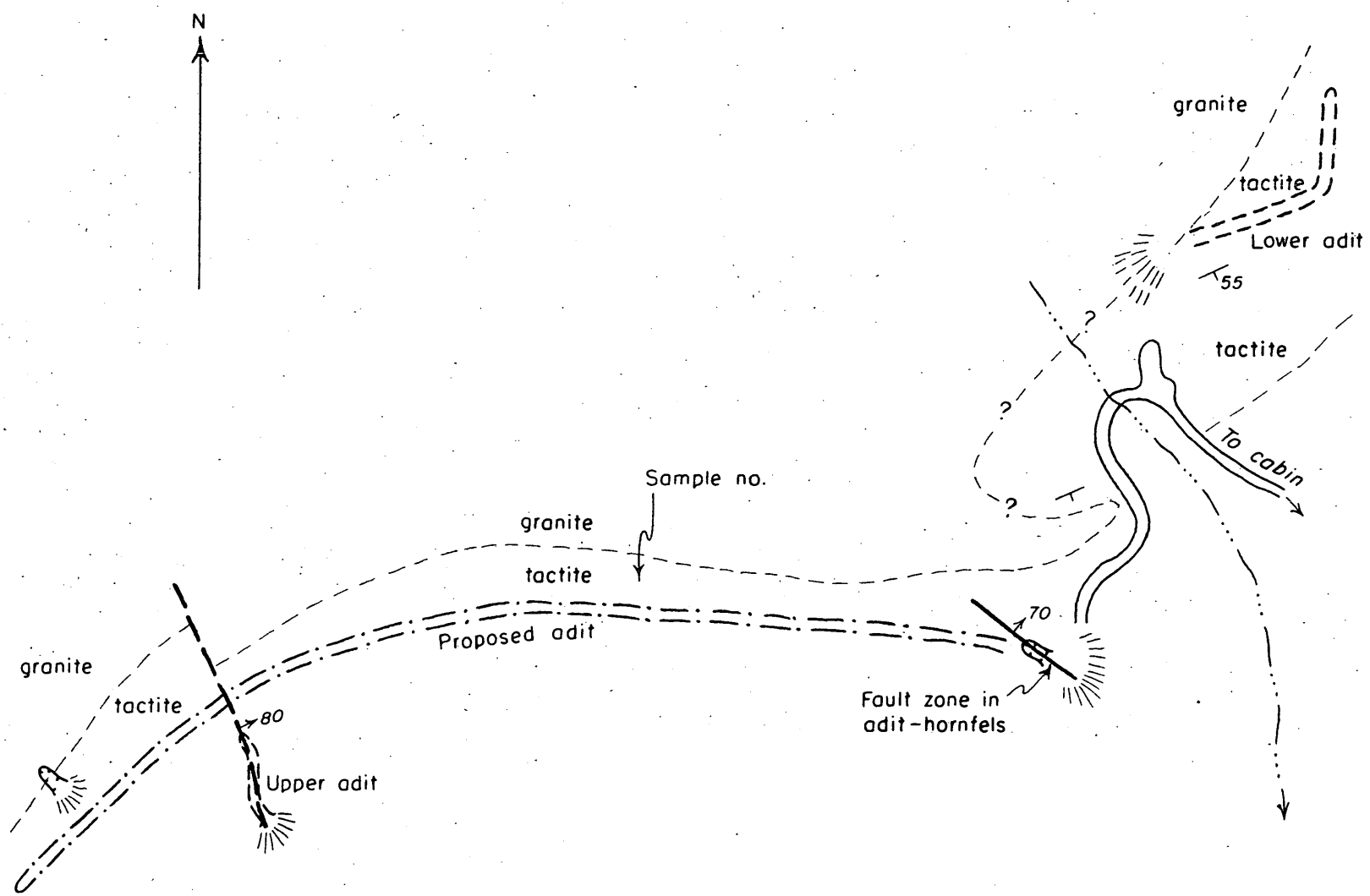
PROPOSED EXPLORATION

No suitable targets exist for the proposed trenches and 800 foot adit. The tactite belt south of the contact between the granite and the sedimentary rocks is well exposed by outcrops. It does not contain enough scheelite to justify trenching. A 60-foot adit that explores the tactite along a northwest-trending cross fault has failed to disclose any scheelite. This

adit is about 300 feet above the proposed adit, but its face is only 25 feet south of the center line of the proposed adit.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3914
(TUNGSTEN)



SOUTH RANDOLPH MINE, ESMERALDA COUNTY, NEVADA

100 0 100 200 FEET

Figure 2

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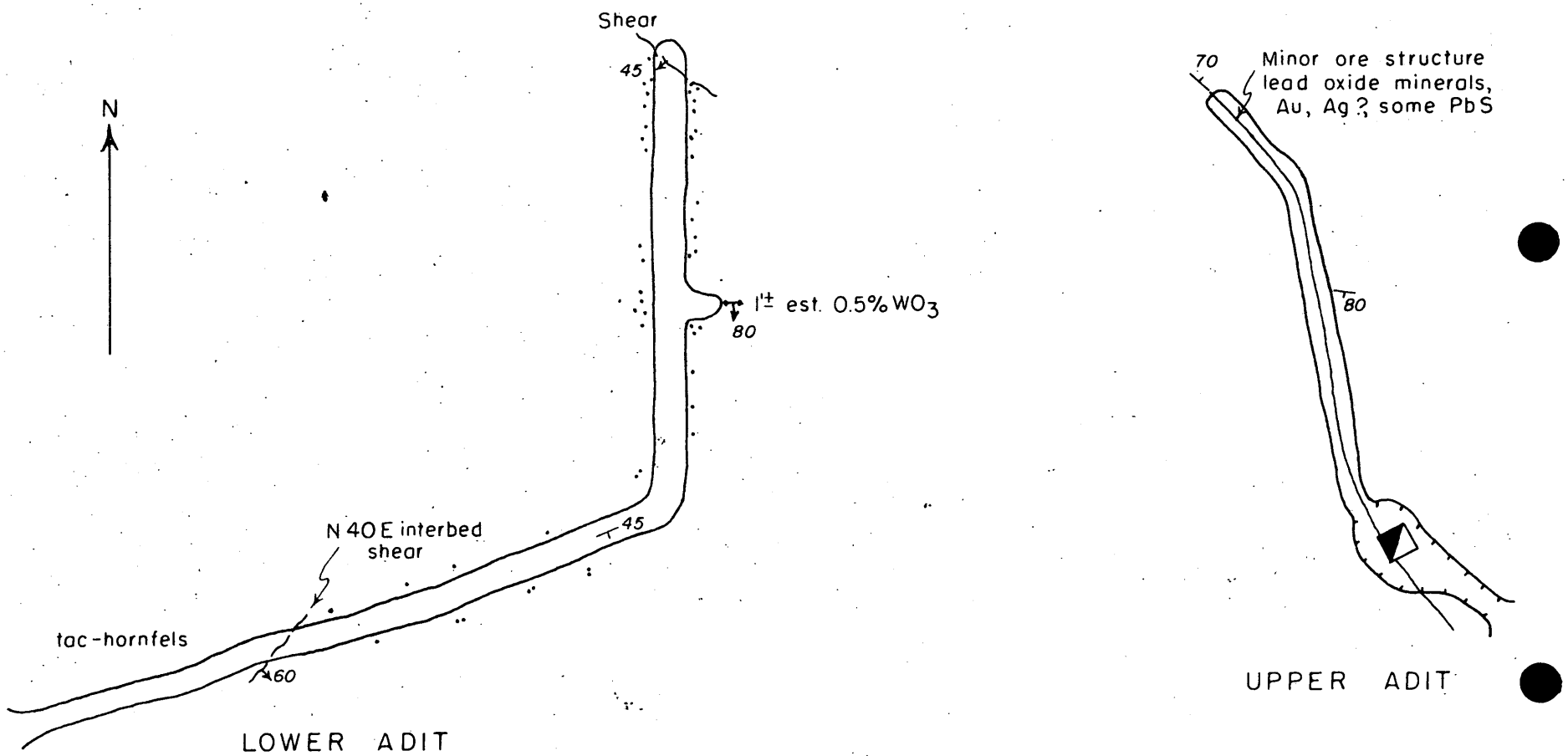
OCT 3 - 1955



SOUTH RANDOLPH MINE, ESMERALDA COUNTY, NEVADA

20 0 20 40 FEET

Figure 3

DOCKET
Surname:
Rutledge
Holliday
Martin
Geehan
Fishman

AUG - 8 1955

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 3914-Tungsten
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

Dear Mr. Ricker:

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

Two copies of a relevant memorandum dated August 4, 1955, by N. E. Nelson, U. S. Geological Survey, are enclosed for your information.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (WB)

Approved:

/s/ Robert W. Geehan (WB)
Member, Bureau of Mines

Thor H. Kiilsgaard (WB)
Member, Geological Survey

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
Robt. Holliday, USBM
FT, Reg. II

FARutledge/ls
8/8/55

Enclosure

DOCKET
Surname:
Rutledge
Holliday
Martin
Kiilsgaard
Geehan
Stevenson

AUG - 8 1955

Mrs. Ora Mae Wiley

Gold Point, Nevada

Re: Docket No. DMEA 3914-Tungsten
South Randolph mine
Esmeralda County, Nevada

Dear Mrs. Wiley:

Reference is made to the above-docketed application for exploration assistance which has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Hicker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

CC; Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
Robt. Holliday, USBM
FT, Region II

FARutledge/ls
8/8/55

IN REPLY REFER TO:

Docket

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

August 4, 1955

RECEIVED
AUG - 5 1955

Re: DMEA 3914
Ora Mae Wiley
South Randolph Mine
Esmeralda Co., Nev.
$35,000 - Tungsten

Memorandum

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

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

Subject: Review of Application.

A two-stage work program proposed for this scheelite prospect is proper, but the amount of proposed work of Stage I may be out of proportion to the showings.

Only two samples are listed and one is described as "picked." No sampling widths are given. If picked samples assay only 1.3 and 1% tungsten trioxide, the average grade of the tactite zone would probably be considerably less. The reason given for expecting better material at the slight additional depth of the proposed adit may be questioned.

The outcrop of the 500-foot tactite zone may deserve some work since scheelite is said to be visible (by lamp) for that length.

An appraisal of the prospect by the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

Copy retained 400

July 27, 1955

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-3914 Ora Mae Wiley

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

Ora Mae Wiley
Gold Point, Nevada

July 27, 1955
Subject: DMEA-3914
Re: Exploration Assistance
South Randolph Mine

Dear Mrs. Wiley:

The receipt of your application dated July 19, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3914 and referred to the Iron and Ferro-Alloys Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

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

RECEIVED
JUL 25 1955

1605 Evans Avenue
Reno, Nevada

July 22, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Tungsten)
Ora Mae Wiley
South Randolph Mine
Esmeralda County, Nevada

Attached are three sets of MF-103, Application for Aid forms relative to above subject. The fourth set has been retained in our files.

S. Ricker

BUREAU OF MINES
WASHINGTON, D. C.

JUL 25 11 38 AM '55

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 25 1955

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. 3914
Metal or Mineral Tungsten
Date Received ~~[illegible]~~ 7-25-55
Estimated Cost $35,000
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:

Ora Mae Wiley
Gold Point
Nevada

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

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

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

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

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

(see Item 3 , attachment)

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

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

owner

(*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. (see Map A)

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. none

(*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. (see geological notes and Map B)

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

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
Materials, manpower, supplies and equipment available at Gold Point, and Tonopah, Nevada. 140 miles to R.R. at Mina, 70 miles from the Tonopah supplies, 52 miles from Gold Point residence of owner.

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

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 ..... days and be completed within ..... 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 Labor

Explain in detail on acompanying paper. Owner has sufficient equipment, with the additions and repairs estimated in Item 6.

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 July 19, 195

Ora Mae Wiley
(Applicant)
Ora Mae Wiley

By .....

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

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JUL 25 1955

Item 3 , attachment

Applicant's property rights. (Mrs) Ora Mae Wiley, widow,

The applicant herein, owns under DEED from Esmeralda County, Nevada, the eleven patented mining claims listed in the true copy of the said DEED attached hereto, as in Book 3-E Page 164-165.

From the total area of the eleven claims shown on the true copies of the Mineral Survey Maps for No. 4003 and 4103, Nevada, which are also on the plats attached hereto; the applicant has set apart the area known to have scheelite prospects, as the South Randolph Mine, which is correctly shown in outline on the Map B here attached.

This property lies within the unsubdivided Township 8 South, Range 42 East, Mount Diablo Base and Meridian, Esmeralda County, Nevada.

Item 5 , attachment

5. (Mrs) Ora Mae Wiley of Gold Point, Esmeralda County, Nevada; as owner of the patented Randolph and Rob Roy mining claims, in the Gold Mountain Mining District, Esmeralda County, Nevada, proposes:-

a. to explore along an 800 foot contact zone for scheelite,

b. under a " Stage -1-"program that contemplates 10,000 cu. ft. of open cuts as road improvement and trenching, designed to outline the dip and the dimensions of the contact area, shown on Map C here attached; and, if thereafter justified to initiate and complete a " Stage -2-" program contemplating an 800 feet tunnel exploration from 0 elevation under the contacts of the stations from T1 to T10, as shown on Map C.

c. It being proposed to start the Stage 1 work as soon as a contract with the DMEA is approved, and to complete this stage within six months from time of said approval of contract.

It being also proposed to start Stage 2 work as soon as the work under Stage 1 is completed, and to complete this stage of the proposed exploration within eighteen months.

d. The owner of the South Randolph Mine, is familar with mining, having long been associated with her late husband, Harry Wiley, in the Esmeralda County mining field; and she proposes to sub-contract various features of the work here proposed to various prospectors, miners and mechanics; under supervision of qualified experts that will meet the approval of the DMEA field engineers.

Item 6 , attachment

6. Estimates of costs by items:-

Stage 1.

a. Repairs to Randolph cabins, ect.	$ 400.00	
b. Water supply at Air Strip Well	600.00	
c. Repairs and additions to owners equipment	800.00	
d. Extension of road, 2000 cu.ft. cuts @ .50	1000.00	
e. Trenches and open cuts, 8000 cu.ft. @ .50	4000.00	
f. 50 assays @ $ 4.00	200.00	$ 7000.00
Insurance		1000.00
Total		8000.00

Stage 2.

a. Enlargement of small 40 foot tunnel @ $ 15.00	600.00	
b. Extension of tunnel 760 feet @ 30.00	22800.00	23600.00
c. 50 assays @ $ 4.00	200.00	
Insutance		3400.00
Total		$27000.00

As unit cost contracts:-

Stage 1.	10,000 cu.ft. of cuts a nd trenches @ .80¢	$ 8000.00
Stage 2.	800 feet of tunnel @ $ 33.75	27000.00
	Total	35000.00

Cu.ft. Breakdown of costs:-

Stage 1.

Labor and supervision.

1 superintendent, part time @ $ 200. a month	
1 book-keeper, part time @ 100. a month	
1 miner @ $ 2.00 an hour plus insurance	
1 machinest $ 2.00 an hour plus insurance	
1 helper @ $ 1.50 an hour plus insurance	30¢

Operating supplies.

Powder, caps and fuse	15¢
Drill steel and bits	7¢
Compressor supplies	8¢
Water supply and trucking	10¢
Equipment and repairs	10¢
	80¢

Stage 2.

Cost per ft.of tunnel

Labor and supervision.

1 superintendent, part time @ $ 200. a month	
1 book-keeper, part time @ $ 100. a month	
1 miner @ $ 2.00 a n hour plus insurance	
1 machinest 2.00 an hour plus insurance	
2 helpers @ 1.50 an hour plus insirance	$ 20.00

Operating supplies.

Powder, caps and fuse	3.75
Drill steel and bits	2.00
Compressor supplies	2.50
Carbide	.50
Ventilation	1.50
Equipment and repairs	3.50
	33.75

Geological Notes On

THE SOUTH RANDOLPH MINE

(a scheelite prospect)

General

The South Randolph Mine is covered by portions of Mineral Surveys 4003 and 4103, within Township 8 South, Range 42 East, M.D.M., in Esmeralda County, Nevada. Within the Randolph 2 and 6 and Rob Roy 1 patented claims, there may be observed good examples of the results of the type of metamorphism generally associated with contact scheelite deposits.

Here, a segment of escarpment slope related to domal uplift exposes the eastern end of the Gold Mountain granitic batholith, with its pendants of altered Cambrian sedimentaries and its crowning remnants of Tertiary lavas. Just westward from the contacts, towers an igneous complex outcrop, with its late magma phases expressed by aplites, pegmatites, silexites and segregations of quartz and feldspar.

The sedimentaries, intermixed with dark dikes and somewhat obscured by mantle creep from the igneous-outcrop heights, are prominent as the steep east slope neighbor of the escarpment. Futher eastward, erosion has carved a foothill topography from uptilted lavas, while lower slopes are filled with merging fans, whose mixed material has migrated by washes into the basin southwest of Bonnie Clair.

The South Randolph Septum or Septums

Northward from the South Randolph, along the flanks of the steep east end of the range, several exposures of the Cambrian sedimentaries may be noted, in which hornfel types seem to predominate; and, the requisite for development of scheelite-bearing tactite is absent.

Thus, the most promising economic area may be confined within the limits of the portions of the claims herein called the South Randolph Mine.

An igneous mantle slide from the towering escarpment, covers the area of exposed surface contact, between Stations T8 and T9, as shown on the maps here attached, and therefore either a single pendant septum or two septums separated by an igneous upsurge, pose questions that may be fully resolved only after sub-surface exploration has been accomplished.

In either event, the highly altered limestone member close to the igneous-complex shows scheelite to be present, and indicates that ore bodies of that mineral may be found in lower contact zones that were in better or primary positions to filter-out tungsten from the emanating solutions that were born in the late stages of the Gold Mountain magma.

The South Randolph septum (or septums) show all degrees of limestone metamorphism. Unaltered limestone, areas of initial-stage metamorphism, and definate high-garnet tactite are all present. The former mudstones are likewise in varied altered conditions toward hornfels, and as such, are sometimes difficult to distinguish from sheared intrusive dikes or sills in the modifications of the surface exposures.

However, the significant economic features are the obviously correct combinations of the late magma phases in close contact with the properly placed lenses of the responsive Cambrian limestone.

The South Randolph Scheelite Indications

The mineral scheelite is readily visable under black-light along a curved contact surface exposed area, from point T1 to point T10, or an outcrop distance in excess of 500 feet, as shown on maps attached.

The outcrops near all the stations indicated show more or less of the scheelite, with crystals ranging up to one half inch in size.

Between stations T1 and T2 a picked sample assayed 1.0% WO_3 and the outcrop between stations T2 and T3 produced a 1.3% WO_3 assay, as shown on the original and copies of the certificate attached. A small open-cut, at station T10, shows ore in a dark tactite in contact with some massive feldspar in veinlike position.

Generally, in the Gold Mountain district, the hardest and most erosion resistant parts of the tactite are prominent in the outcrops, while the faulted and softer phases, often carrying more scheelite, are inclined to be planed off by the mantle movement and masked from search.

Due to this persistent downcreep of the granitic mantle, and its effects, it would seem most proper to assume that even meager scheelite indications at the present surface, may not be the true measure of the prospect, and it follows that initial exploration should be concerned with uncovering fresh faces of the tactite along the length of the contact.

Slight scheelite indications on the surface are also found about 500 feet northeasterly from the above described outcrops. A tunnel run at shallow depth beneath, shows a definate increase of scheelite content. Other properties in the Gold Mountain area, such as the Copper King and the Bobby, also suggest the distinct possibility of improved values at depths more closely approaching the lower edges of the septums.

Conclusions

1. At the South Randolph, as in many well known scheelite bearing areas, the emanations from underlying late magmatic segregations have been responsible for scheelite deposition in altered limestone.

2. It is obvious that surface showings of scheelite on this property are those indications consistant with deposition in higher horizons of the contacts, and not the most favorable locations for ore discovery.

3. Exploration and determination of the economic possibilities at the more favorable depths and positions should therefore be fully employed.

F. I. Green

F.I.Green
527 Arlington Avenue
Reno, Nevada

July 15, 1955

Form NMAL:2

NEVADA MINING ANALYTICAL LABORATORY

UNIVERSITY OF NEVADA

No. 998

RENO, NEVADA

Mr. Ora Mae Wiley

Goldpoint, Nevada

Date July 8, 1955

Report on sample or specimen received from you on July 5, 1955, is as follows:

Number	MINERAL OR ROCK	Ounces Per Ton		
		Gold	Silver	
A	Tactite with scheelite			Tungsten trioxide 1.3%
B	Same as #1			Tungsten trioxide 1.0%

By: _____
Analyst.

The Laboratory very often receives a letter which does not state definitely what is desired on a given sample, or we may misunderstand a request, therefore in case we have not made the determination you desire or you want further information regarding these samples, please write within a month, and refer to the number of this report given above.

1470

ESMERALDA COUNTY
to
ORA MAE WILEY

D E E D

THIS INDENTURE, made the fifteenth day of September, One Thousand, Nine Hundred and Fifty-two, between XNIEA BAIRD, COUNTY TREASURER, TRUSTEE FOR ESMERALDA COUNTY, STATE OF NEVADA, Party of the First Part, and ORA MAE WILEY, of the Town of Goldpoint, State of Nevada, Party of the Second Part.

WITNESSETH:

THAT WHEREAS, the said Second Party on the sixth day of March, A.D. 1952, presented and filed with the Board of County Commissioners of Esmeralda County, State of Nevada, an affidavit and petition showing that she is a citizen of the United States; that there is belonging to Esmeralda County, as shown by the Official Records thereof, the following patented mining claims, viz

U.S. Survey No. 4003 Randolph No. 1
U.S. Survey No. 4003 Randolph No. 2
U.S. Survey No. 4003 Randolph No. 3
U.S. Survey No. 4003 Randolph No. 4
U.S. Survey No. 4003 Randolph No. 5
U.S. Survey No. 4003 Randolph No. 6
U.S. Survey No. 4003 Randolph No. 7
U.S. Survey No. 4003 Randolph No. 8
U.S. Survey No. 4003 Randolph No. 9
U.S. Survey No. 4103 Rob Roy
U.S. Survey No. 4103 Rob Roy Fraction

situate, lying and being in the Gold Mountain Mining District, County of Esmeralda, State of Nevada, as the same is laid down and delineated in the Official Map of said District on file in the Office of the Recorder of Esmeralda County, State of Nevada, which has become the property of said County through operation of the Revenue Law of the State; that the amount for which said property is to be sold is Two Hundred Thirty-five and Forty-seven One Hundredths ($235.47) Dollars; that it is her bona fide intention to explore and develop said claims, and

WHEREAS, the said affidavit and petition prayed for a contract from the Board of County Commissioners under and by virtue of which in accordance with the provisions of Chapter 44, Statutes of Nevada, of 1933, approved March 5th, 1933, as amended by Chapter 19, Statutes of Nevada of 1935, approved March 2nd, 1935, as amended by Chapter 204 Statutes of Nevada of 1945, approved March 22nd, 1945, a permit may, upon petition be granted to prospect for a period of six months, and

WHEREAS, on the 15th day of March, 1952, the said Board of County Commissioners, by an order entered upon their minutes, granted said Second Party the right to explore the said property for a period of six months, from the date of said Order, and

WHEREAS, under the provision of said Statute, the Second Party became thereby entitled, for the said period, to purchase the said property by payment as purchase price therefor, the sum which was charged against said property previous to acquisition of property by Esmeralda County, and

WHEREAS, the said Second Party on the 15th day of September, A.D. 1952, made application to purchase the said described property, and tendered to and deposited with the County Treasurer of Esmeralda County, State of Nevada, as purchase price thereof, the sum of Two Hundred Thirty-five and Forty-seven One Hundredths ($235.47) Dollars, being the sum for which said property is to be sold, and the Board of County Commissioners, having accepted the same, thereupon sold the said described premises to the Party of the Second Part, and by an Order entered upon their minutes, directed the County Treasurer, as Trustee for Esmeralda County, State of Nevada, to make execute, and deliver to the said Second Party, for the consideration of Two Hundred Thirty-five and Forty-seven One Hundredths ($235.47) Dollars, all of the right, title, interest and estate, claim and demand of Esmeralda County, in and to the said described property.

NOW THEREFORE, the said Xniea Baird, County Treasurer as aforesaid

Party of the First Part, pursuant to the Order of the said Board of County Commissioners aforesaid, for and in consideration of the sum of ($235.47) to her in hand paid by Ora Mae Wiley, Party of the Second Part, the receipt whereof is hereby acknowledged, does grant, bargain, sell and convey, unto the said Party of the Second Part, and to her heirs and assigns forever, all the right, title, interest and estate, claim and demand of the said County of Esmeralda, and the State of Nevada, in and to those certain pieces and parcels of land situate in the said County of Esmeralda, State of Nevada, described as follows:

U.S. Survey No. 4003 Randolph No. 1
U.S. Survey No. 4003 Randolph No. 2
U.S. Survey No. 4003 Randolph No. 3
U.S. Survey No. 4003 Randolph No. 4
U.S. Survey No. 4003 Randolph No. 5
U.S. Survey No. 4003 Randolph No. 6
U.S. Survey No. 4003 Randolph No. 7
U.S. Survey No. 4003 Randolph No. 8
U.S. Survey No. 4003 Randolph No. 9
U.S. Survey No. 4103 Rob Roy
U.S. Survey No. 4103 Rob Roy Fraction

situate, lying and being in the Gold Mountain Mining District as the same is laid down and delineated in the Official Map of said District on file in the Office of the Recorder of Esmeralda County, State of Nevada, together with all and singular the tenaments, heriditaments, and appurtenances thereunto belonging or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, as well in law as in equity.

IN WITNESS WHEREOF, the Party of the First Part, County Treasurer as aforesaid, has hereunto set her hand and seal the day and year first above written.

Xniea Baird
Treasurer of Esmeralda County,
State of Nevada.

STATE OF NEVADA)
) SS.
COUNTY OF ESMERALDA)

I, Bertha Cline, County Recorder and Ex-Officio Auditor, in and for the County of Esmeralda, State of Nevada, do hereby certify that Xniea Baird, personally known to me to be the Treasurer in and for the County of Esmeralda, whose name is subscribed to the fore-going Deed, appeared before me this day in person and acknowledged to me that she signed, sealed and delivered the said instrument of writing as her free and voluntary act and deed as such Treasurer of said County, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this 17 day of September, A.D. 1952.

(COUNTY RECORDER'S SEAL)

Bertha Cline
County Recorder and Ex-Officio
Auditor in and for the County of
Esmeralda, State of Nevada.

6914A Filed for record at request of Xniea Baird, Sept. 17, 1952, at 35 minutes past 1 o'clock P.M.

Bertha Manhire Cline, County Recorder
By Julia J. Hughes, Deputy

-GM-

RECORDED IN BOOK 3-E DEEDS Page 164-165

STATE OF NEVADA)
) SS.
COUNTY OF ESMERALDA)

I, LENA R. HAMMOND, duly qualified and elected County Recorder of the County of Esmeralda, State of Nevada, hereby certify that the foregoing DEED is a true and correct copy of said DEED, filed in my office on the 17th day of September, 1952.

IN WITNESS WHEREOF, I hereby set my hand and seal this _____ day of June, 1955.

_____
Lena R. Hammond
County Recorder and Ex-Officio
Auditor of Esmeralda County,
State of Nevada

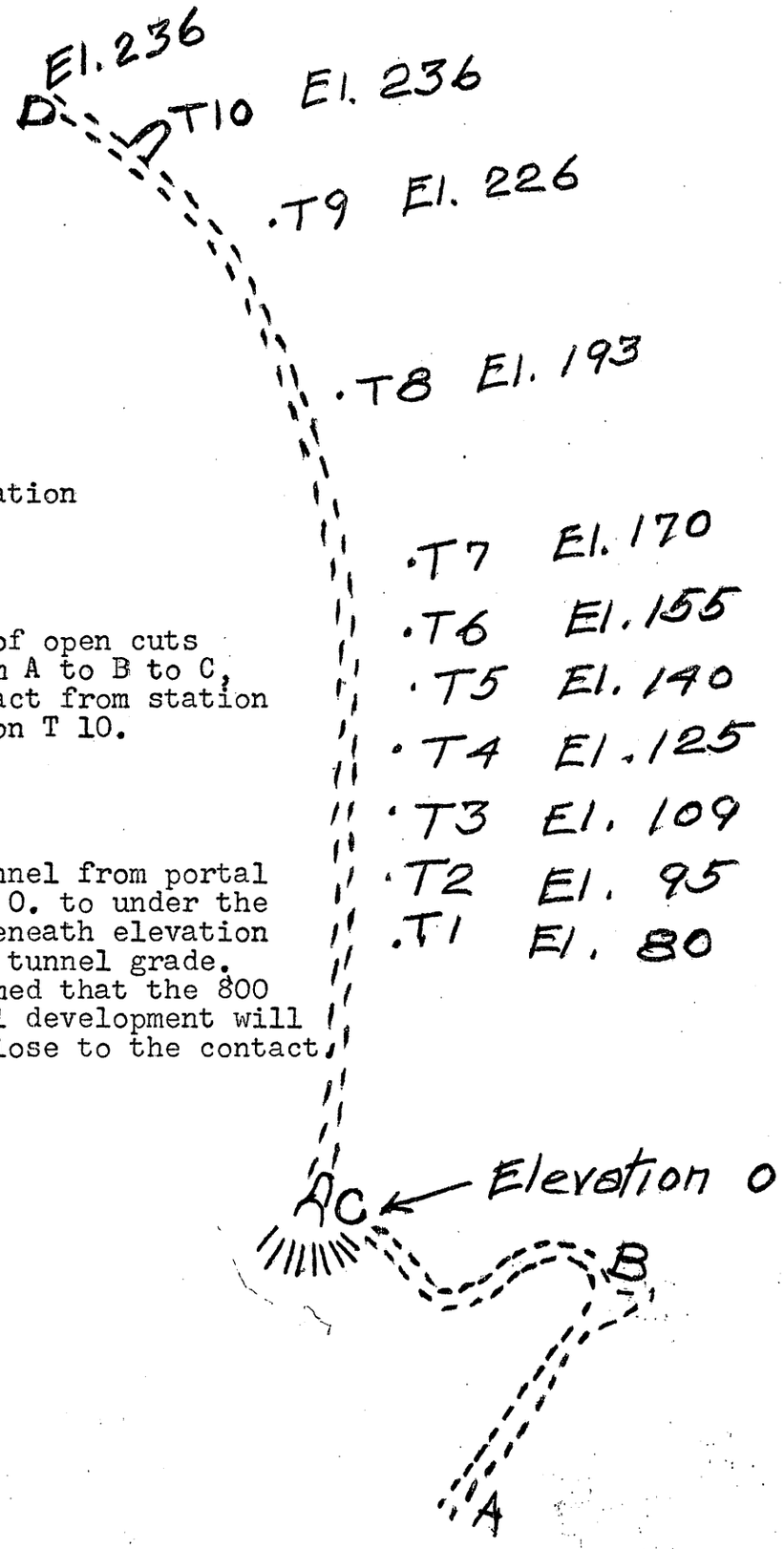
Proposed Exploration

Stage 1.

10,000 cu.ft. of open cuts along road from A to B to C, and along contact from station T 1 to station T 10.

Stage 2.

800 feet of tunnel from portal at C elevation 0. to under the contact at D beneath elevation 236 feet above tunnel grade. It being assumed that the 800 feet of lateral development will follow on or close to the contact.



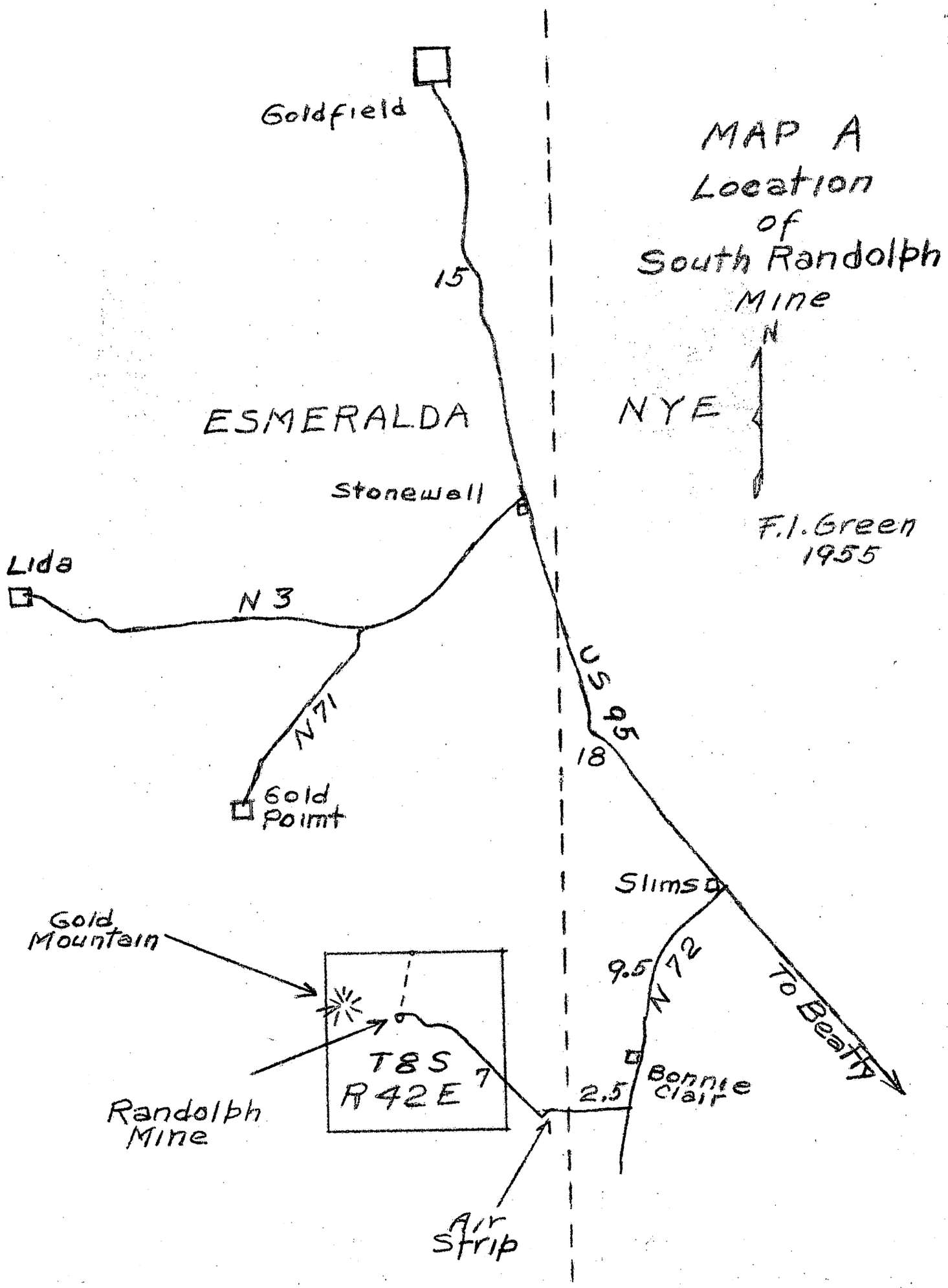
MAP C

N

Scale 1" = 100'

Proposed Exploration South Randolph Mine

F. I. Green 1955



The sketch above shows the location and route to the South Randolph mine, owned by Ora Mae Wiley, Gold Point, Nevada; as part of the Randolph and Rob Roy groups of patented mining claims, as per maps attached.

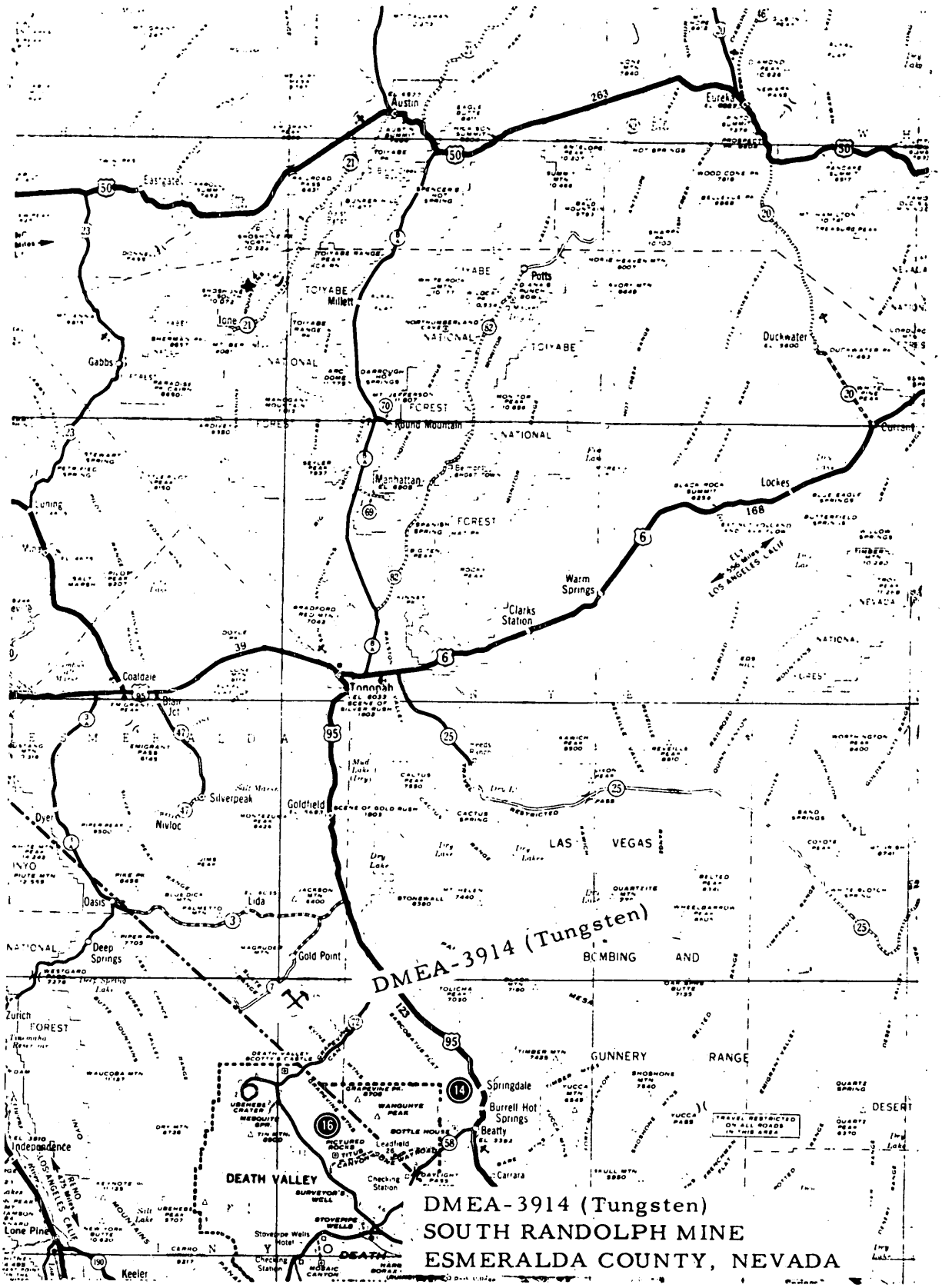


FIG. 1. LOCATION MAP NEVADA

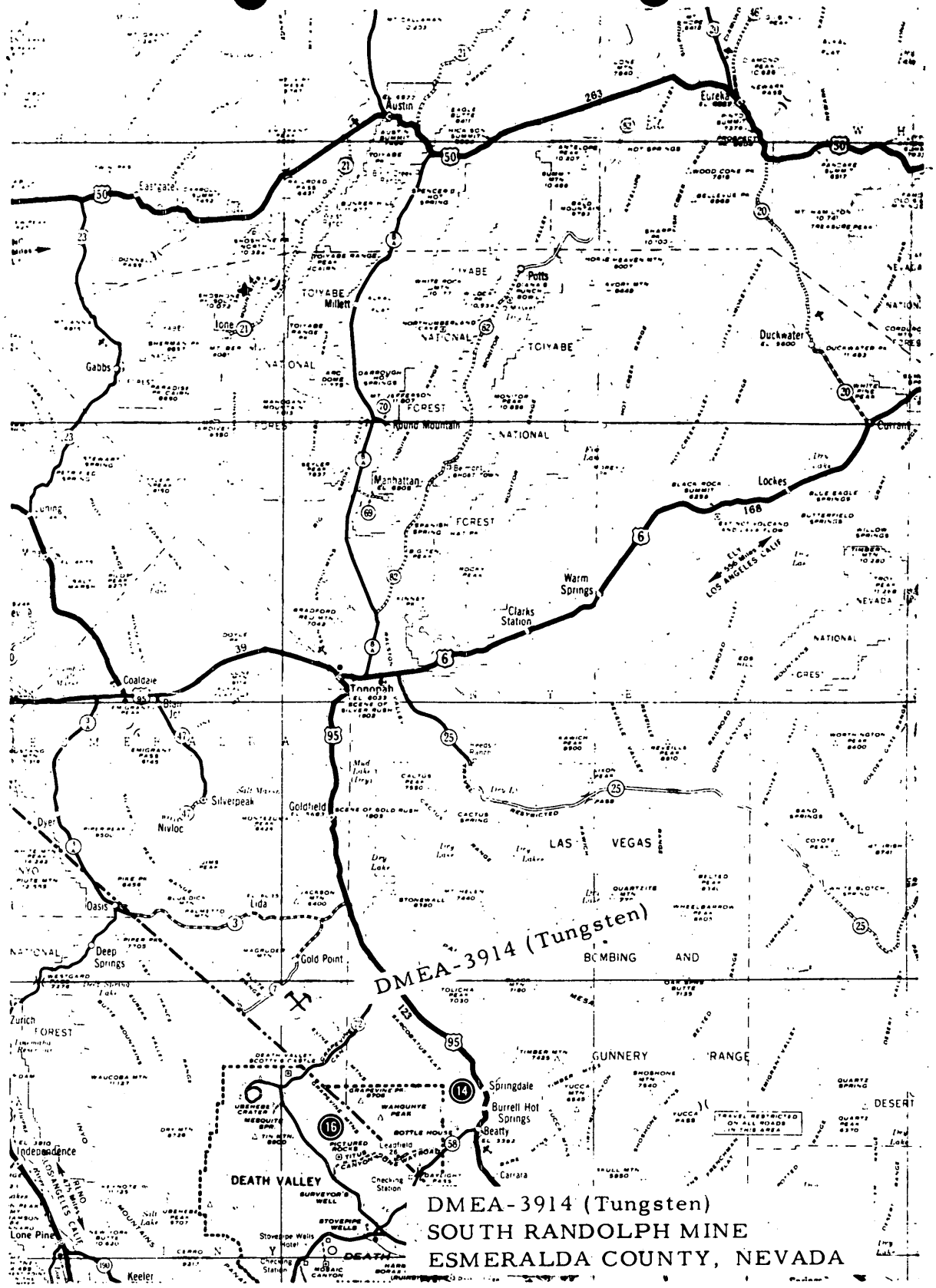


FIG. 1. LOCATION MAP NEVADA

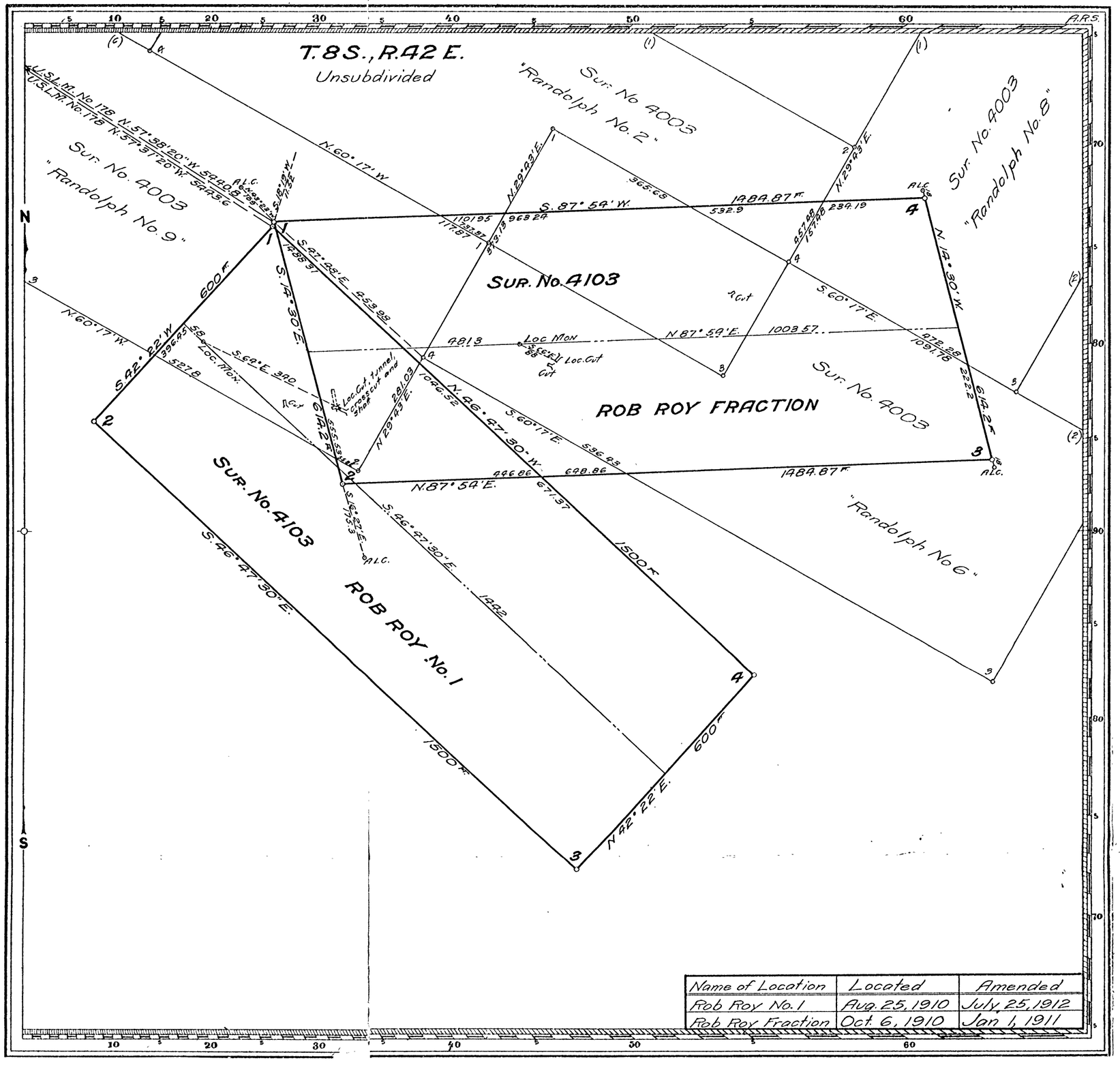
~~870 Market Street~~
San Francisco 2, Calif.
OFFICIAL BUSINESS

SAN FRANCISCO 9 PM 1953 RINCON ANNEX

SAN FRANCISCO 1 PM 1953 RINCON ANNEX

Defense Minerals Exploration Administration
Interior Building
Washington 25, D. C.

FIRST CLASS



Name of Location	Located	Amended
Rob Roy No. 1	Aug. 25, 1910	July 25, 1912
Rob Roy Fraction	Oct. 6, 1910	Jan 1, 1911

H.S.P. H.S.P.

Claim Located _____ 191.

Mineral Survey No. 4103

~~Lot No.~~

Carson City Land District.

PLAT

OF THE CLAIM OF

A. F. McDonald and Henry Ernest

KNOWN AS THE

ROB ROY No. 1 and ROB ROY FRACTION LODES

IN Gold Mountain MINING DISTRICT,

Esmeralda COUNTY, Nevada

Containing an Area of _____ Acres.

Scale of 200 Feet to the inch.

Variation 17° E.

SURVEYED August 3-19, 1912 BY

E. A. Byler U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of A. F. McDonald and Henry Ernest known as the "Rob Roy No. 1" and "Rob Roy Fraction" Lodes

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

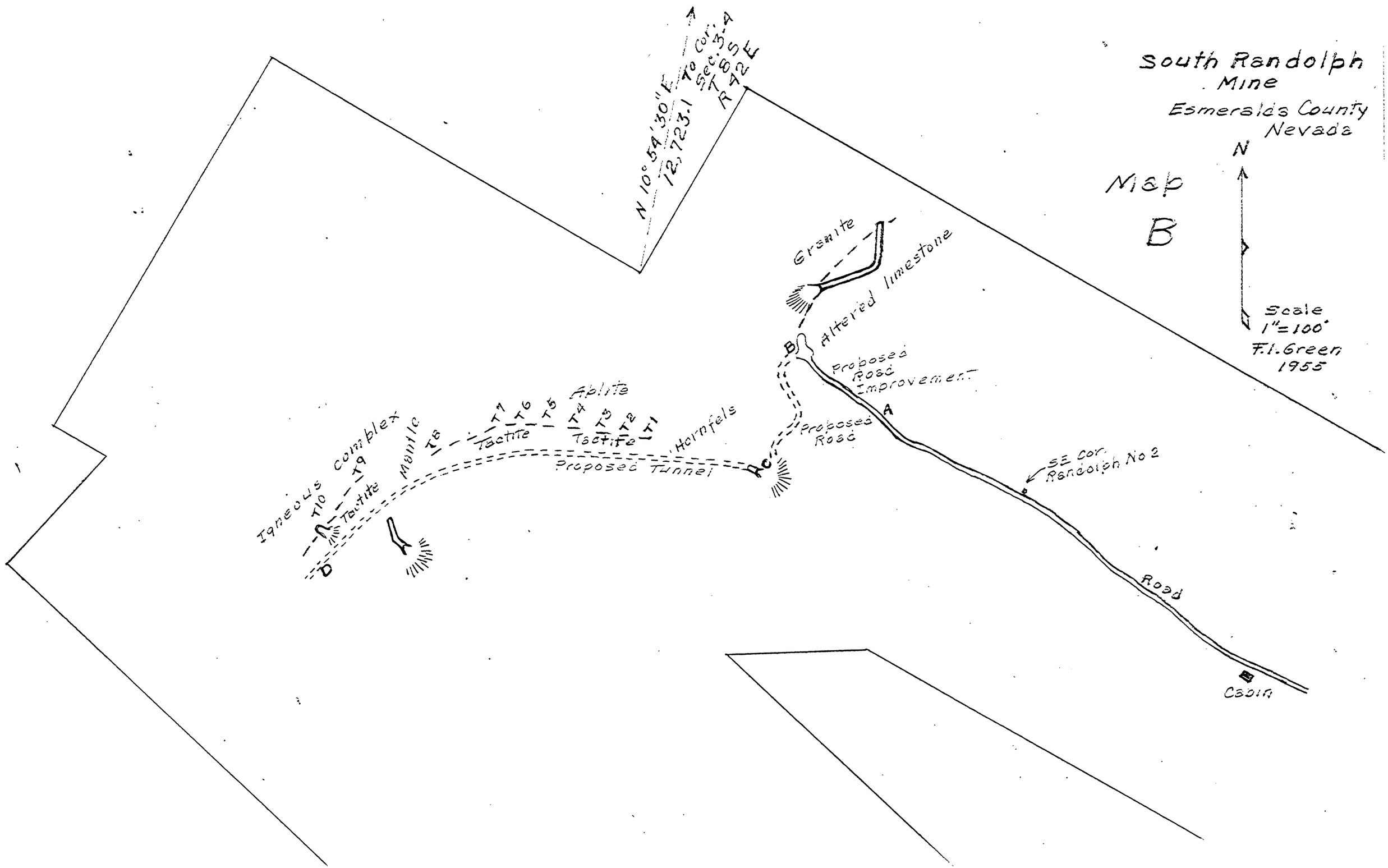
I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimants ____ or their grantors, and that said improvements consist of 2 cuts and 1 cut, tunnel, crosscut and shaft; Value, $1150.00

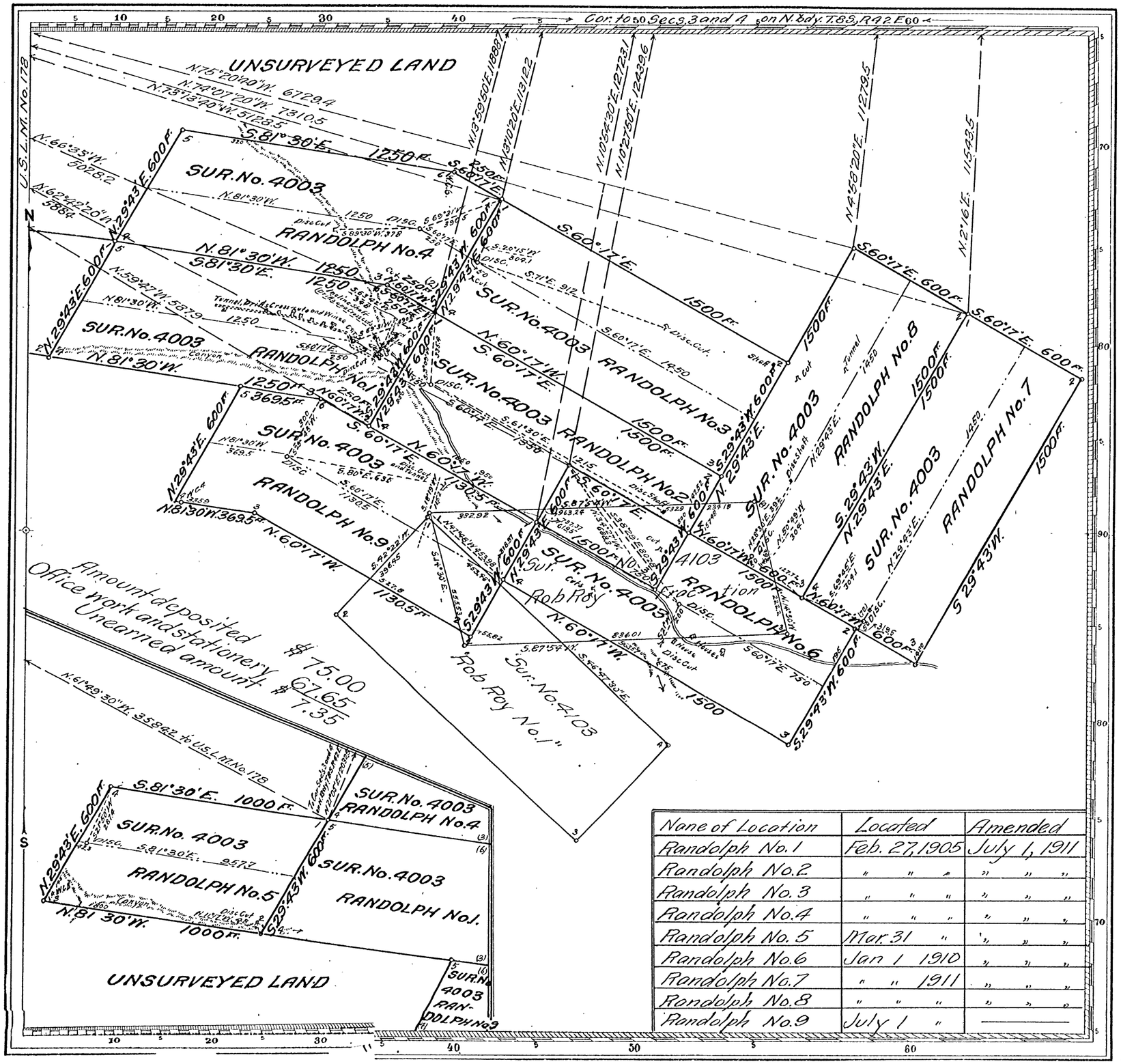
that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office,
Reno, Nevada
September 28, 1912

Matthew Kyle
U.S. Surveyor General for
Nevada


South Randolph
Mine
Esmeralda County
Nevada
Map
B
N
Scale
1"=100'
F.I. Green
1955
N 10° 54' 30" E
12,723.1
To Cor. A
Sec. 3
T 8 S
R 42 E
Granite
Altered limestone
B
Proposed
Road
Improvement
A
Proposed
Road
Aplite
T7
T6
T5
T4
T3
T2
T1
Tactite
Tactite
Hornfels
Igneous complex
T10
T9
T8
Mafic
Tactite
Proposed Tunnel
C
D
SE Cor.
Randolph No 2
Road
Cabin



Name of Location	Located	Amended
Randolph No. 1	Feb. 27, 1905	July 1, 1911
Randolph No. 2	" " "	" " "
Randolph No. 3	" " "	" " "
Randolph No. 4	" " "	" " "
Randolph No. 5	Mar. 31 "	" " "
Randolph No. 6	Jan 1 1910	" " "
Randolph No. 7	" " 1911	" " "
Randolph No. 8	" " "	" " "
Randolph No. 9	July 1 "	——

J.R.C. NEF

~~Claim located~~ 191

Mineral Survey No. 4003

~~Lot No.~~

Carson City Land District.

AMENDED PLAT

OF THE CLAIM OF

The Randolph Gold Mining Company
Geo. M. Hunter Agent

KNOWN AS THE

RANDOLPH No. 1, RANDOLPH No. 2, RANDOLPH No. 3, RANDOLPH No. 4, RANDOLPH No. 5, RANDOLPH No. 6, RANDOLPH No. 7, RANDOLPH No. 8, AND RANDOLPH No. 9 LODES

IN Gold Mountain MINING DISTRICT,
Esmeralda COUNTY, Nevada

~~Containing an Area of~~ ~~Acres.~~

Scale of 400 Feet to the inch.
Variation 17° E. East

SURVEYED 191 BY

U.S. Mineral Surveyor,

The Amended Field Notes of the Survey of the Mining Claim of The Randolph Gold Mining Company, Geo. M. Hunter Agent, shown as the "Randolph No. 1," "Randolph No. 2," "Randolph No. 3," "Randolph No. 4," "Randolph No. 5," "Randolph No. 6," "Randolph No. 7," "Randolph No. 8," and "Randolph No. 9" Lodes

Amended

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office, and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant —— or its grantors, and that said improvements consist of 1 cut, tunnel, cross-cuts, winze and drifts, 1 incline shaft, drifts and cross-cuts, 2 cuts and tunnels, 1 tunnel, 4 shafts and 9 cuts; Value $2265.00 that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this amended plat of said Mining Claim, made in conformity with instructions of Commissioner of General Land Office contained in letter N.E.P.(R) dated January 8, 1920 ~~said original field notes of the survey thereof~~, and the same is hereby approved.

U.S. Surveyor General's Office,
Reno Nevada
February 17, 1920.

John E. A. Sullivan
U.S. Surveyor General for
Nevada