UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date Oct. 30, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan, USBM
H. K. Stager, USGS

Dated Oct. 29, 1958

OFFICIAL FILE COPY
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DATE	INITIALS	CODE
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11/4	[illegible]	800
11/5	WSM	400

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Mineral Deposits Branch
4 Homewood Place
Menlo Park, California

October 29, 1958

INTERIM REPORT

To: OME Field Team, Region II

From: B. H. Sheahan, mining engineer, U.S. Bureau of Mines
H. K. Stager, geologist, U.S. Geological Survey

Subject: DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill mines
Inyo County, California
Contract Idm-E1125

The project was inspected October 23, 1958 by B. H. Sheahan, U.S. Bureau of Mines, and H. K. Stager, U.S. Geological Survey. The exploration was discussed with Mr. Byron Works, supervising engineer and geologist, at a conference in Bishop on October 22 and by telephone conversation on October 23, 1958.

Since the previous inspection on September 4, 1958, the operator has extended the main crosscut 425.4 feet in soft, sugary alaskite or granite. Car passes were excavated from 1011 to 1039 feet and 1270 to 1305 feet. The status of the work is shown in the following table:

Item	Crosscut (Feet)	Drift (Feet)	Timber (Feet)	Drilling (Feet)	Assays WO_3
Work allowed Stage I	900	252.4	225	1000	65
Work allowed Stage II	900	0	225	1000	45
Total allowed	1,800	252.4	450	2000	110
Work to date	1325.4	252.4	108.5	2839.6	14
Estimated expenditures to date				Total	$51,639.90

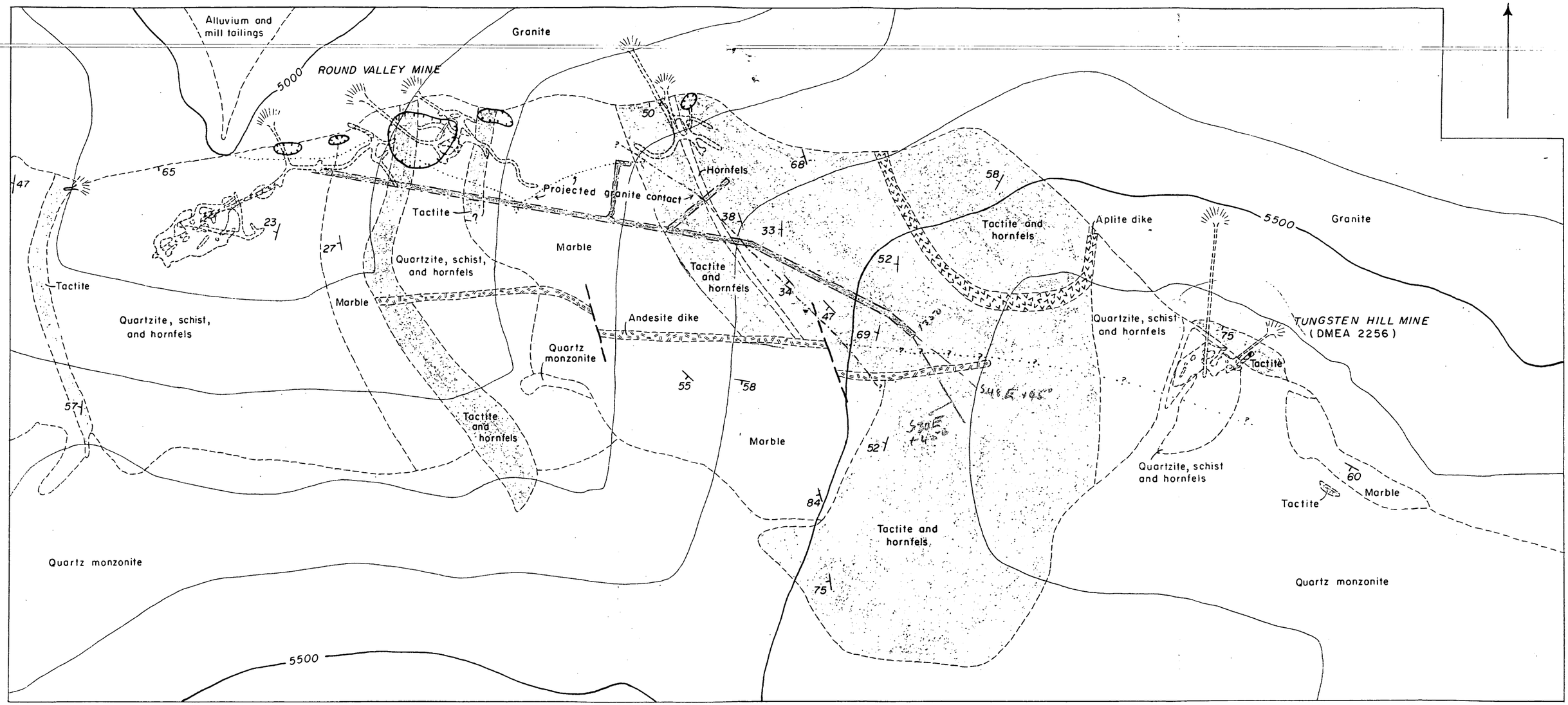
On October 27, 1958 the operator was advised to halt the crosscutting under Stage II at 450 feet (1,350 feet from point of beginning) until the location of the granite-tactite contact is established by long hole or diamond drilling. Two holes were recommended to be drilled from the face of the crosscut at 1,350 feet. The first would be on a bearing S 48° E at plus 45 degrees and the second would be on a bearing S 30° E at plus 45 degrees.

Attachment (fig. 1)

B. H. Sheahan, mining engineer

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 4614
(TUNGSTEN)
Idm E-1125



Compiled from Company and Geological Survey maps

Figure 1. GEOLOGIC SKETCH MAP OF THE ROUND VALLEY AND TUNGSTEN HILL MINES, INYO COUNTY, CALIFORNIA

0 200 400 600 Feet

Contour interval 100 Feet
Datum is mean sea level

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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18	Com	100
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9/19	Talbut	800
9/19	WSM	400

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date Sept. 15, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

H.K.Stager, U.S.G.S.
By Benjamin H. Sheahan, U.S.B.M.

Dated Sept. 11, 1958

S. Ricker

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

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Finance Officer, Region II (w/copy of report)
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BUREAU OF MINES
WASHINGTON, D. C.

SEP 17 10 05 AM '58

IN REPLY REFER TO:

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DMEA
RECEIVED SEP 18 1958

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MINERAL DEPOSITS BRANCH
0 HOMEWOOD PLACE
MENLO PARK, CALIFORNIA

September 11, 1958

INTERIM REPORT

To: DMEA Field Team, Region II

From: H. K. Stager, geologist, U.S. Geological Survey
B. H. Sheahan, mining engineer, U.S. Bureau of Mines

Subject: DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill mines
Inyo County, California
Contract Idm-E1125

The project was inspected on September 4, 1958 by B. H. Sheahan, U. S. Bureau of Mines, and H. K. Stager, U. S. Geological Survey, accompanied by Mr. Ralph E. Shupe, operator. The exploration work was discussed later the same day at a conference in Bishop with Mr. Shupe and Mr. Byron Works, supervising engineer.

Since the previous inspection on August 13, 1958 the operator has drilled three long holes (LH 1-3) and five diamond-drill holes (DDH 4-8). Diamond-drill holes numbers 6 and 8 (fig. 1) are incomplete and cannot be deepened until casing is obtained. The status of the work in Stage I is shown in the following table:

Item	Cross-cut (ft.)	Drift (ft.)	Timber (ft.)	Drilling (ft.)	Assays (WO_3)
Work allowed in Stage I	900	252.4	225	1,000	65
Work completed	900	252.4	83.5	838.6 (706 DDH) (132.6 LH)	5
Work remaining in Stage I	0	0	141.5	161.4	60
Work allowed in Stage II	900	0	225	1,000	45

Diamond-drill holes 3, 5, 6, and 8 were drilled from the DMEA crosscut to test scheelite-bearing tactite lenses north of the crosscut and nearer the granite contact (fig. 1). Long-hole 3 was drilled from old workings north of the crosscut to test the same lenses. All of these drill holes were in scheelite-bearing tactite for almost their entire length but only DD-3 yielded core of ore grade. Three intervals from this hole were assayed, 13.8 to 14.2 feet that contains 1.22 percent WO_3; 24.6 to 25.9 feet that contains 0.95 percent WO_3; and 42.4 to 44.4 feet that contains 0.22 percent WO_3. Assays from DD-6, DD-8, and LH-3 have not been received but estimates made by use of ultraviolet light indicate the scheelite content is less than about 0.2 percent although core recovery in the mineralized zones was too poor to yield accurate results. The downward continuation of a 5-foot thick lens of ore (0.73 percent WO_3)

intersected by the DMEA crosscut at 5,230 E will be tested by a proposed drill hole (fig. 1). This ore is probably a faulted segment of an ore body that was partly mined from the old mine workings.

Based on the habits of ore bodies that have been mined at the Round Valley mine several hundred tons of ore that contains 0.5 percent or more WO_3 is indicated and several thousand tons of ore of the same grade is inferred in the area explored by the DMEA crosscut and drilling between coordinates 5,200 E and 5,400 E.

The DMEA crosscut, drifts, diamond-drill holes 1, 2, 4, 7, and long holes 1 and 2 between coordinates 5,400 E and 6,000 E indicate that although there is abundant tactite, the scheelite-bearing lenses in this area are small and of low grade. Except for a one-foot thick quartz vein that assayed 0.58 to 1.59 percent WO_3 cut by the crosscut at 5,860 E and a three foot thick tactite lens that assayed 0.79 percent WO_3 at the granite contact near the end of No. 2 drift, all of the exposures are of less than ore grade. Based on these exposures not more than a few hundred tons of ore-grade material in small, widely scattered bodies can be inferred in this area.

Conclusions and Recommendations:

The rocks cut by the DMEA workings and drill holes are more highly mineralized and geologically more favorable for the localization of tungsten ore bodies than the rocks exposed at the surface in the area between the Round Valley and Tungsten Hill mines. The work has found some ore and has indicated a favorable geologic setting for ore deposits at the level of

the DMEA crosscut beneath the Tungsten Hill mine. This area remains as the principal target of the exploration project and can be adequately tested by the work remaining in Stage II of the contract.

The engineer considers that the quantity of ore discovered by the Stage I work is insufficient to justify Stage II, but both the engineer and the geologist believe that the probability of making a significant discovery in the area of the downward projection of the Tungsten Hill deposit has been greatly improved by the Stage I work. We therefore recommend that Stage II be approved.

for B. H. Sheahan, mining engineer

Encl. (fig. 1)

DMEA FORM 6 - REFERENCE SLIP

REV. 12-56 DEFENSE MINERALS EXPLORATION ADMINISTRATION

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FROM: Jabbut 9/19/58		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS: It appears that LH3 was drilled from old drift and LH2 & DD7 from contract drifts, whereas contract provides drilling only from walls of crosscut. Amend. required ?? NO.

Also May 58 Opr. narrative indicates DD1 & DD2 were drilled before 6/1/58 effective date of Amend No. 1.

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date Aug. 21, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines, Inyo County, Calif.

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8/29	WSM	400

By Henry W. Jones, Bureau of Mines

Dated August 18, 1958

S. Ricker

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OFFICIAL FILE COPY
DMEA
RECEIVED 1958

1605 Evans Ave.
Reno, Nevada

August 18, 1958

INTERIM REPORT

To: DMEA Field Team, Region II

From: H. W. Jones, Bureau of Mines

Subject: Docket No. DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill Mines
Inyo County, Calif.
Contract No. Idm-E1125

The project was inspected August 13, 1958, in company with Byron Works, Project Engineer.

An additional 37 feet of drifting were completed easterly from the end of the No. 2 drift along the granite contact. Of this, 19.4 feet are chargeable to DMEA. Some scheelite mineralization was observed in the floor of the newly completed drift near the face. A two-foot chip sample was taken across the best showing (est. 0.1% WO_3).

Diamond Drill hole No. 3 was completed August 12, 1958, to a 127-foot depth from coordinate location 4809 N and 5295 E. Minor scheelite showings were observed from 15 feet to 65 feet and at 110 feet. Granite was cut at 114 feet. As a result of the mineralization in drill hole No. 3, two adjacent drill sites were selected to more

thoroughly test the zone (Figure 1). Proposed drill hole No. 4 (Fig. 2) was changed from a previously selected site in No. 1 drift to the face of the No. 2 drift to provide tail room for the drill rods and to explore the favorable area by a shorter hole. Three long-hole drill sites were also selected in No. 2 drift, two of which are to be drilled easterly as proposed by memorandum of July 14, 1958, by R. M. Smith and B. H. Sheahan. The third long hole was selected to test along the contact in a westerly direction. Unless attractive mineralization is disclosed in the remaining drill holes, Stage II cannot be recommended.

Stage I Work Completed

	Allowed	Remaining
Crosscutting	900 ft.	0
Drifting	252.4 ft.	0
Timbering	61 ft.	164 ft.
Drilling (diamond & long hole)	1000 ft.	534 ft.
Assays for WO_3	65	64

for H. W. Jones, Mining Engr.

Attachments 2

DMEA
Idm-E 1125

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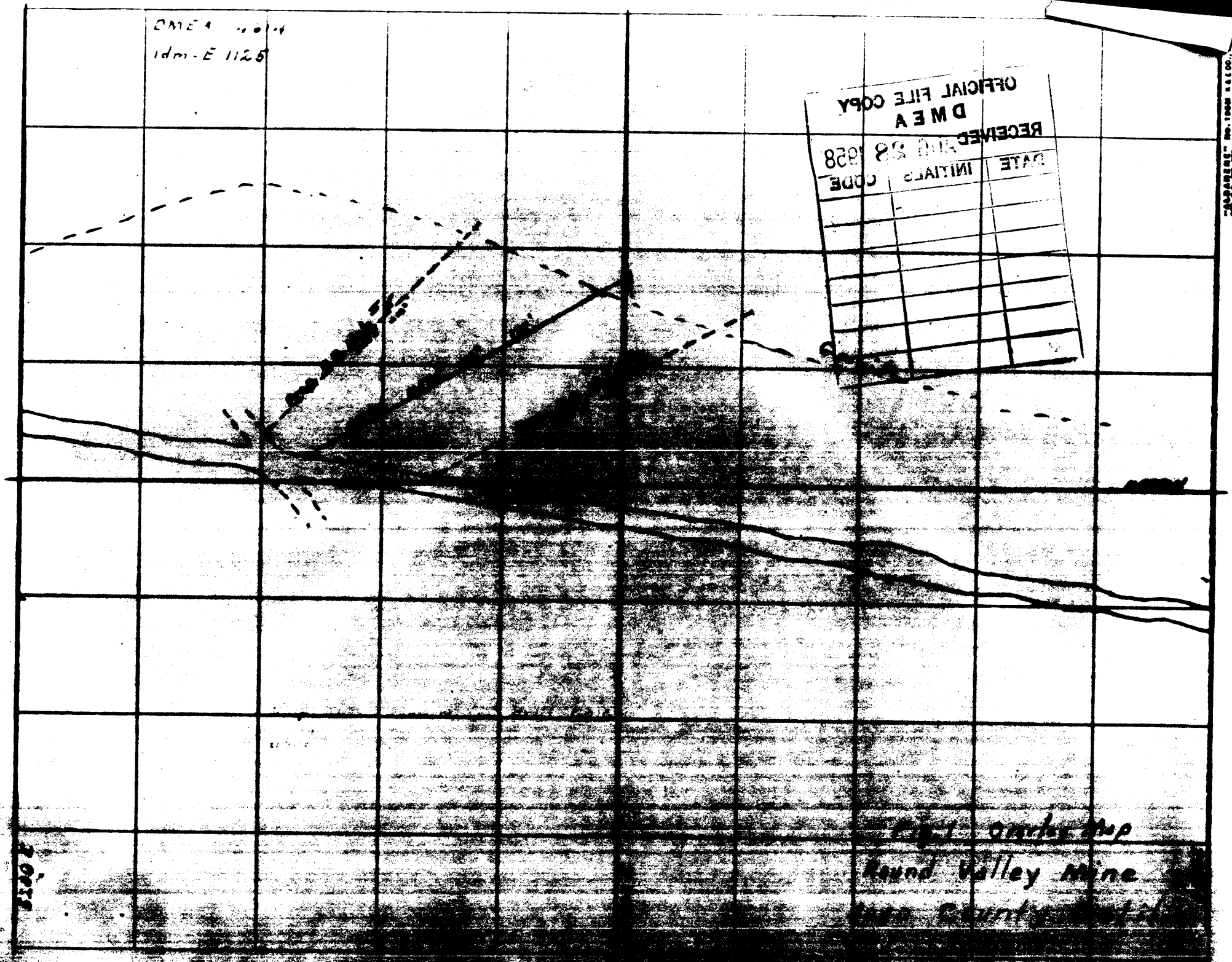

Fig 1 Overview
Round Valley Mine
Inyo County, California

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DMEA - 4614
1 Am - E 1125'

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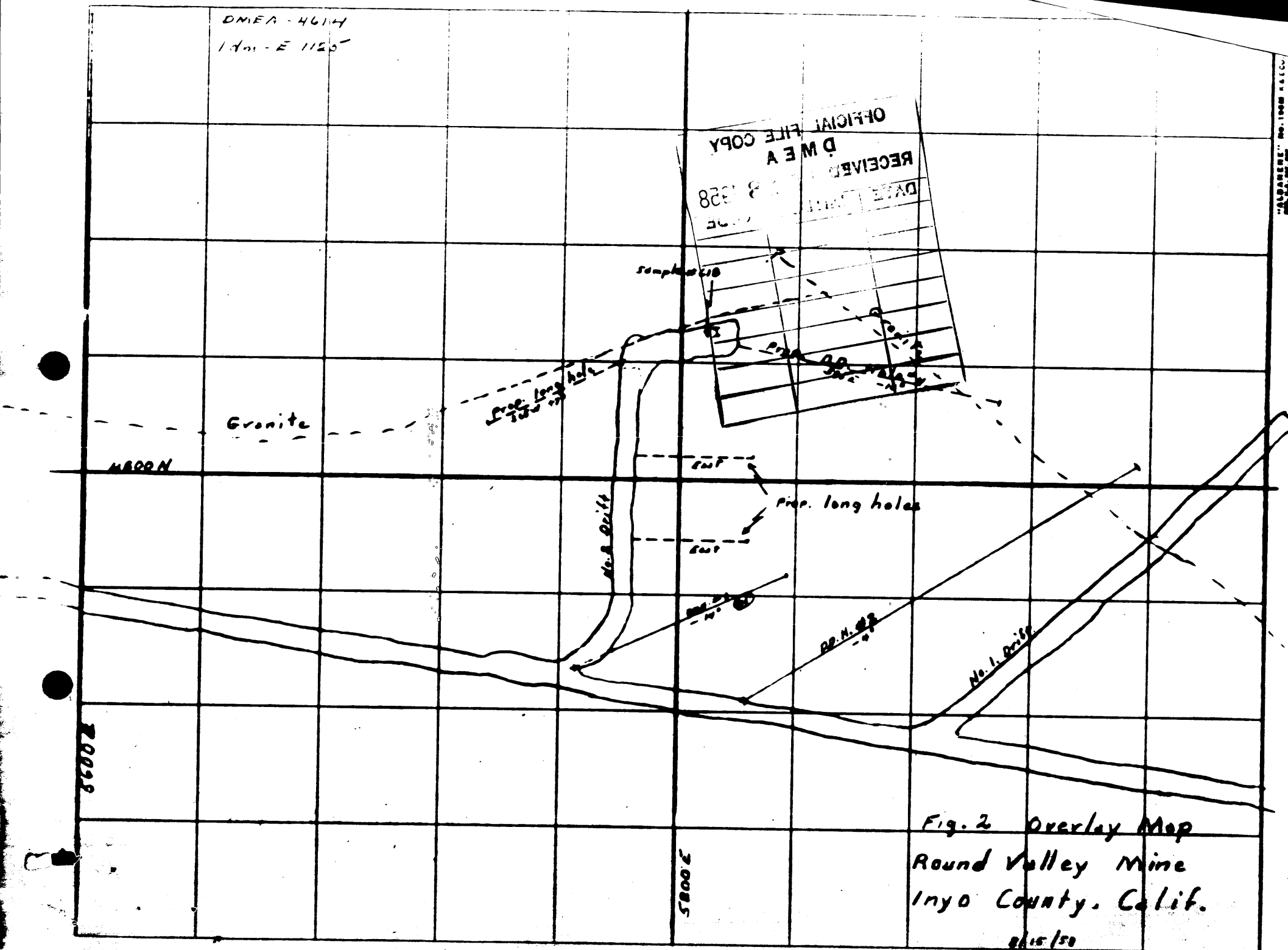

Fig. 2 Overlay Map
Round Valley Mine
Inyo County. Calif.
8/15/58

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date July 15, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are three copies of Interim Report on

Docket No. DMEA-4614 (Tungsten)

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

R. M. Smith, U.S.G.S.
By B. H. Sheahan, U.S.B.M.

Dated July 14, 1958

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MINERAL DEPOSITS BRANCH
8 HOMEWOOD PLACE
MENLO PARK, CALIFORNIA

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DATE	INITIALS	CODE

July 14, 1958

To: DMEA Field Team, Region II

From: R. M. Smith, geologist, U.S. Geological Survey
B. H. Sheahan, mining engineer, U.S. Bureau of Mines

Subject: DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill mines
Inyo County, California
Contract Idm-E1125

The project was inspected July 11, 1958, accompanied by Messrs. Ralph E. Shupe; E. J. Duncan, foreman; and Frank R. Wicks, consulting mining and industrial engineer. The project was discussed the evening of July 10 with Byron Works, the operator's consulting geologist who is employed to map the workings.

The status of the work in Stage I is shown in the following table:

Item	Cross-cut (ft.)	Drift (ft.)	Timber (ft.)	Drill (ft.)	Assays for WO_3
Work allowed in Stage I	900	252.4	225	1000	65
Work completed	900		51	239	1
No. 1 drift		115			
No. 2 drift		118			
		233			
Work remaining	0	19.4	174	761	64

The No. 2 drift was designed to explore a mineralized zone in the crosscut and in diamond drill hole No. 1 (see attached map). Owing to an abrupt change in strike of the beds, the drift did not follow the mineralized zone but was driven parallel to it. The drift has been driven in bedded limestone 70 feet beyond the projected position of the granite contact without encountering granite, thereby revealing that the setting is more favorable for ore bodies than previously inferred. It is the habit of ore bodies in the district to extend not more than 100 feet from the granite contact. As the contact is now known to be more than 110 feet from the main crosscut the geologic setting is large enough to accommodate a significant ore shoot.

We recommended that some of the drill footage allowed in Stage I be used to drill a series of diamond drill holes eastward from the No. 2 drift spaced at 15-foot intervals to depths of about 40 feet. We recommended also that from No. 1 drift 20 feet in the hanging wall of the granite contact one hole be drilled northwest parallel with the contact at an inclination of +20 degrees to a depth of 100 feet.

We informed Mr. Shupe that recently the project has been inadequately supervised, and that for the remainder of the contract only work recommended and closely supervised by his consulting geologist will be approved by DMEA.

As no ore has been found by the work to date, Stage II should not be approved.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date July 7, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

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7/11	[illegible]	800
	WSM	400

Attached are three copies of Interim Report on

Docket No. DMEA-4614 (Tungsten)

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By H. K. Stager and R. M. Smith, U.S.G.S.

Dated July 2, 1958

S. Ricker

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
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IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERAL DEPOSITS BRANCH
4 HOMEWOOD PLACE
MENLO PARK, CALIFORNIA

July 2, 1958

INTERIM REPORT

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RECEIVED JUL 9 1958

DATE	INITIALS	CODE

To: DMEA Field Team, Region II

From: H. K. Stager and R. M. Smith
U. S. Geological Survey

Subject: DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill mines
Inyo County, California
Contract Idm-E1125

The project was inspected on June 25, 1958 at the request of the operator who stated that the work in Stage I is complete and that he wishes to continue with Stage II. The project was discussed with Mr. Shupe by telephone on July 1, 1958.

Stage I consists of driving 900 feet of crosscut, 252.4 feet of drifts on the best showings in the crosscut, and 1,000 feet of diamond- or long-hole drilling from the drifts and crosscut.

Work completed consists of 932 feet of crosscut, 239 feet of diamond drilling from the crosscut, one drift 165 feet long, and one drift started from the crosscut 15 feet long (fig. 1). The drifts are designed to explore scheelite-bearing tactite beds exposed in the crosscut. The first drift was started at 740 feet from the

beginning point of the crosscut and was driven about parallel with diamond drill hole 2 for 165 feet. The tactite bed that it was designed to explore was cut at 20 feet, but instead of following the scheelite-bearing tactite it was driven on to the granite contact at 100 feet into the granite for 65 feet. This drift confirms the findings in diamond drill hole 2 and the last 50 feet does not benefit the project. The second drift was collared at 610 feet from the starting point of the crosscut and has been driven 15 feet toward the scheelite-bearing tactite bed it is designed to explore. Current plans are to drift along the tactite bed to the granite contact.

The best showing in the crosscut outside of the area explored by old workings is a 5-foot thick tactite bed at 210 feet which assays 0.27 percent WO_3.

Inasmuch as Stage II is implied to be contingent upon Stage I and as the work to date has not yet found ore, Stage II cannot yet be approved. The last 32 feet in the crosscut must, of course, be disallowed. We recommend that the No. 2 drift be completed as planned, that a third drift be collared at 210 feet in the crosscut, and that the remaining Stage I drilling from the drifts and crosscut be completed. We recommend also that the last 50 feet in No. 1 drift be disallowed, and the footage be applied to drifting elsewhere.

It is reported that Ralph Shupe has purchased Palmer and Decker's interest in the mining equipment and that Palmer and Decker have no further interest in the operation although they may contract the diamond drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date May 27, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan
H. K. Stager

Dated May 26, 1958

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
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BUREAU OF MINES
WASHINGTON, D. C.

MAY 29 8 46 AM '58

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Mineral Deposits Branch
4 HOMEWOOD PLACE
MENLO PARK, CALIFORNIA

May 26, 1958

INTERIM REPORT

To: DMEA Field Team, Region II

From: B. H. Sheahan, mining engineer, U. S. Bureau of Mines
H. K. Stager, geologist, U. S. Geological Survey

Subject: DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill mines
Inyo County, California
Contract Idm-E1125

The exploration project was inspected May 20, 1958 by B. H. Sheahan, U. S. Bureau of Mines, and H. K. Stager, U. S. Geological Survey. Work was discussed with Mr. A. P. Decker, superintendent, and Mr. Len Palmer, diamond driller.

The operator temporarily suspended work on the crosscut early in May and has core drilled two holes since the previous inspection. He intends to resume work on the crosscut in a few days. Attached sketch, figure 1, shows the location of drill holes. A summary log of each hole follows:

Hole No. 1---Depth: 81 ft., Inclination -14°, AX size:

Interval(ft.)	Description and Remarks
0-36	Thin-bedded limestone and tactite.
36-51	Tactite with sparse scheelite.
51-77	Tactite and hornfels--good core.
77-77.5	Fault gouge--poor core recovery.
77.5-81	Granite.

Hole No. 2---Depth: 158 ft., Inclination -4°, AX to 139 ft, EX 139-158 ft.:

Interval (ft.)	Description and Remarks
0-76	Massive tactite--good core recovery.
76-81	Tactite with sparse scheelite on fractures.
81-116	Tactite and hornfels with traces of scheelite.
116-117	Hornfels, poor core recovery.
117-139	Fault gouge(?), drilled with plug bit--very difficult drilling.
139-158	Aplite dike and fine-grained granite. Traces of copper stain on joint fractures. Poor core recovery.

The operator plans to drift toward the granite contact in the most favorable scheelite-bearing tactite lenses that are found by the Stage I crosscut and exploratory drilling. He hopes to find sufficient scheelite-bearing tactite to justify further exploration work under Stage II of the contract.

B. H. Sheahan

B. H. Sheahan, mining engineer

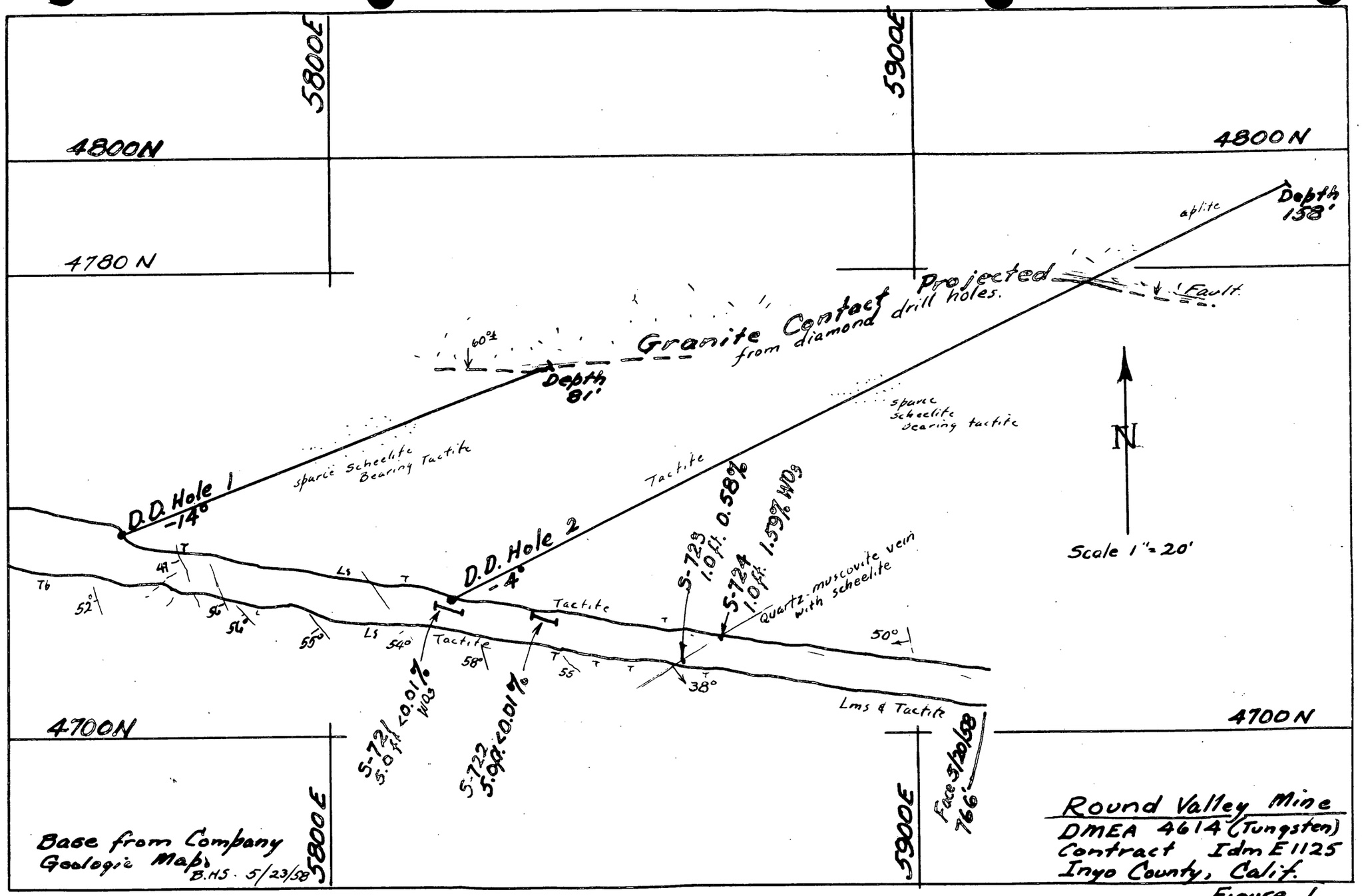
5800E
5900E
4800N
4780 N
4700N
Granite Contact Projected from diamond drill holes.
60°±
Depth 81'
Depth 158'
aplite
Fault
sparce Scheelite Bearing Tactite
D.D. Hole 1
-14°
D.D. Hole 2
-4°
Tactite
Ls
T
Tb
49
52°
56
55°
540
58
55
38°
50°
S-723 1.0 ft. 0.58%
S-724 1.0 ft. 1.59% WO3
Quartz-muscovite vein with scheelite
S-721 5.0 ft. <0.01% WO3
S-722 5.0 ft. <0.01%
Lms & Tactite
Face 3/20/58 766'
N
Scale 1" = 20'
Base from Company Geologic Map. B.HS. 5/23/58
Round Valley Mine
DMEA 4614 (Tungsten)
Contract Idm E1125
Inyo County, Calif.

Figure 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date May 16, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

OFFICE OF THE DIR.
DMEA
RECEIVED MAY 19 1958

DATE		
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5/20	COW	100
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5/21	[illegible]	800
"	WSM	400

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan
mining engineer
Dated May 14, 1958

S. Ricker

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

INTERIM REPORT

May 14, 1958

RECEIVED MAY 19

Docket No. DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill Mines
Inyo County, California
Contract No. Idm-E 1125

The exploration project was inspected May 5-6, 1958 in company with Len Palmer, diamond drill operator, employed by the company. Attached sketch map shows work to date.

Progress on Stage I of the contract amounts to 766 feet of crosscutting and 31 feet of timbering. Several tactite zones have been found that will probably contain scheelite mineralization toward the granite contact. The operator temporarily suspended crosscutting early in May and commenced diamond drilling in lieu of long hole drilling near a site 614 feet from the point of beginning. Core from this hole showed sparse scheelite mineralization in tactite between the interval of 36 to 51 feet. Recent reports received from the operator indicate that the hole intersected granite at 81 feet.

Results of this exploration are encouraging, since tactite zones are now exposed to a vertical depth of

400 feet and further exploration will likely disclose several other scheelite-bearing tactite zones.

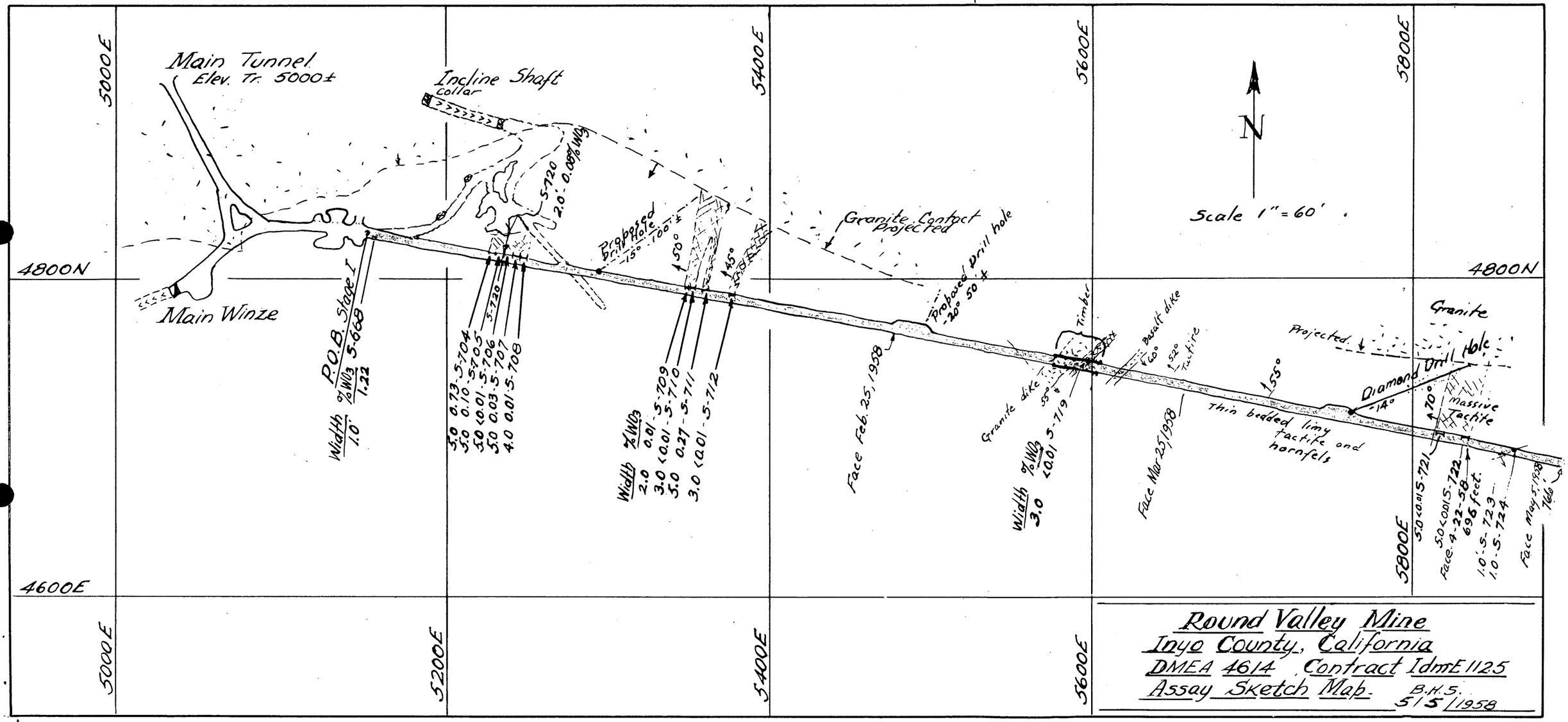
A narrow quartz vein with a little scheelite was cut at 720 feet and sample analyses will be included with the next interim report.

The operator has requested an amendment to eliminate all winze work and long hole drilling and substitute 350 feet of drifting to explore the tactite zones from the main crosscut.

It is essential that some exploratory drilling be done from the crosscut and, therefore, an alternate proposed amendment is recommended. Exploration from the main winze which includes 100 feet of sinking and 500 feet of long hole drilling at a cost of $7,950.00 should be eliminated. That portion of the exploration project funds should be used for 252.38 feet of drifting from the main crosscut to more adequately explore the attractive tactite zones that are being found. The operator plans to explore the lower levels of the mine at some future time when tungsten market conditions are more favorable.

B. H. Sheahan

B. H. Sheahan,
mining engineer.



Round Valley Mine
Inyo County, California
DMEA 4614 Contract IdmE 1125
Assay Sketch Map.
B.H.S.
5/5/1958

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 19 1958

DATE	NOTED	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date April 28, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan, mining engineer

Dated April 24, 1958

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

INTERIM REPORT

April 24, 1958

Docket No. DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill Mines
Inyo County, California
Contract No. Idm-E 1125

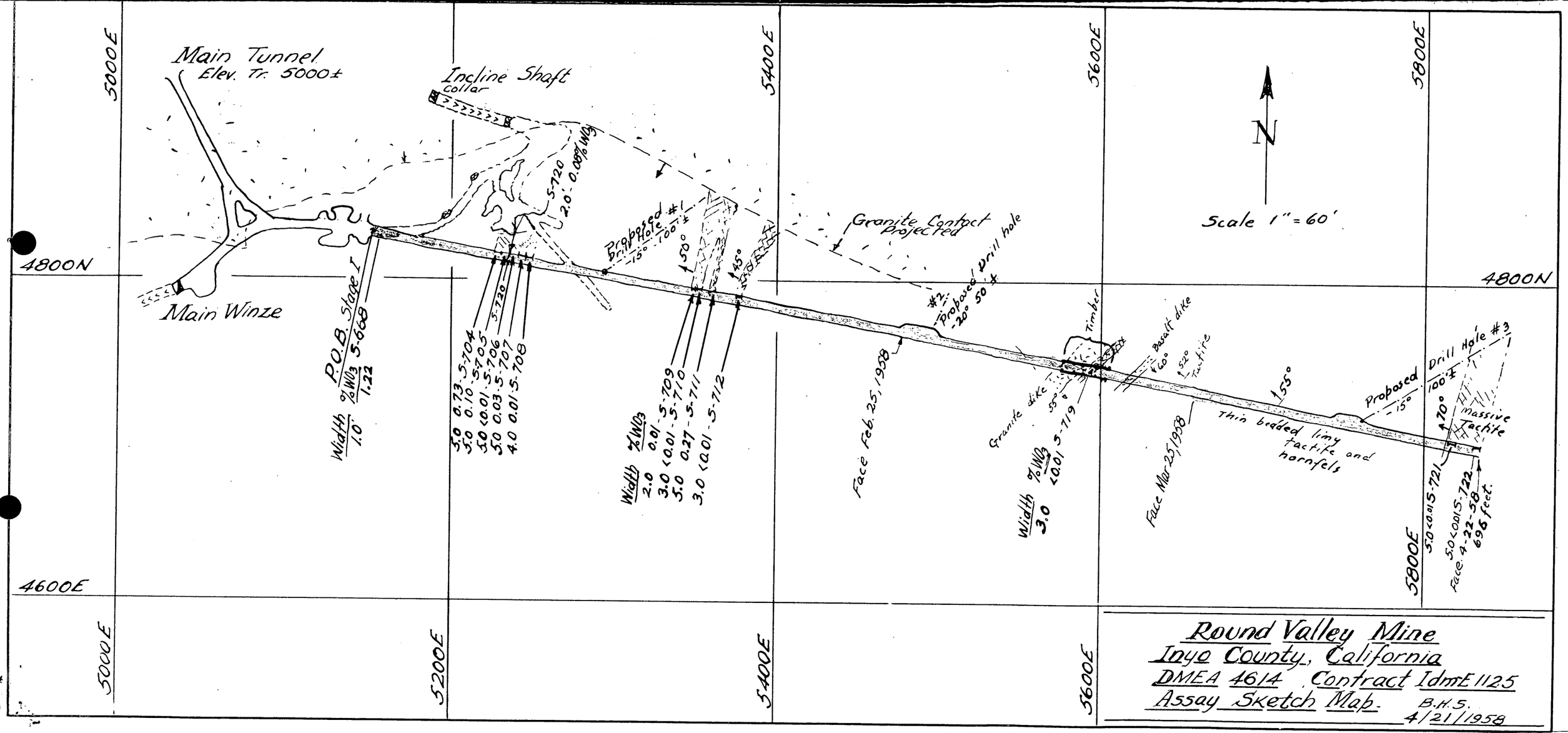
Property was inspected April 21-22, 1958, in company with A. P. Decker, superintendent.

Progress to date amounts to 696 feet of crosscutting and 31 feet of timbering. Attached assay map shows results of sampling of scheelite-bearing tactite found by the work. Operations are now on a three-shift-per-day basis and the 900 feet of crosscutting authorized under Stage I will probably be completed late in May, 1958.

The superintendent was again advised to commence exploration of favorable scheelite-bearing tactite zones toward the granite contact by long hole drilling. The Operator is tentatively planning to do this work or to request an amendment to substitute diamond drilling for long hole drilling authorized by the contract. The granite contact is probably about 50 feet north of the crosscut and this should be determined by long hole drilling.

B. H. Sheahan

B. H. Sheahan, mining engineer.



Round Valley Mine
Inyo County, California
DMEA 4614 Contract IdmE 1125
Assay Sketch Map.

B.H.S.
4/21/1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date April 7, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

OFFICIAL FILE COPY
DMEA
RECEIVED APR 9 1958

DATE	INITIALS	CODE
4-9	C	220
4/10	Corr	100
"	JKJ	116
4/11	[illegible]	300
	WSM	400

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan,
Mining Engineer
Dated March 27, 1958

S. Ricker

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments —

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

INTERIM REPORT

March 27, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED APR 9 1958
DATE | INITIALS | CODE

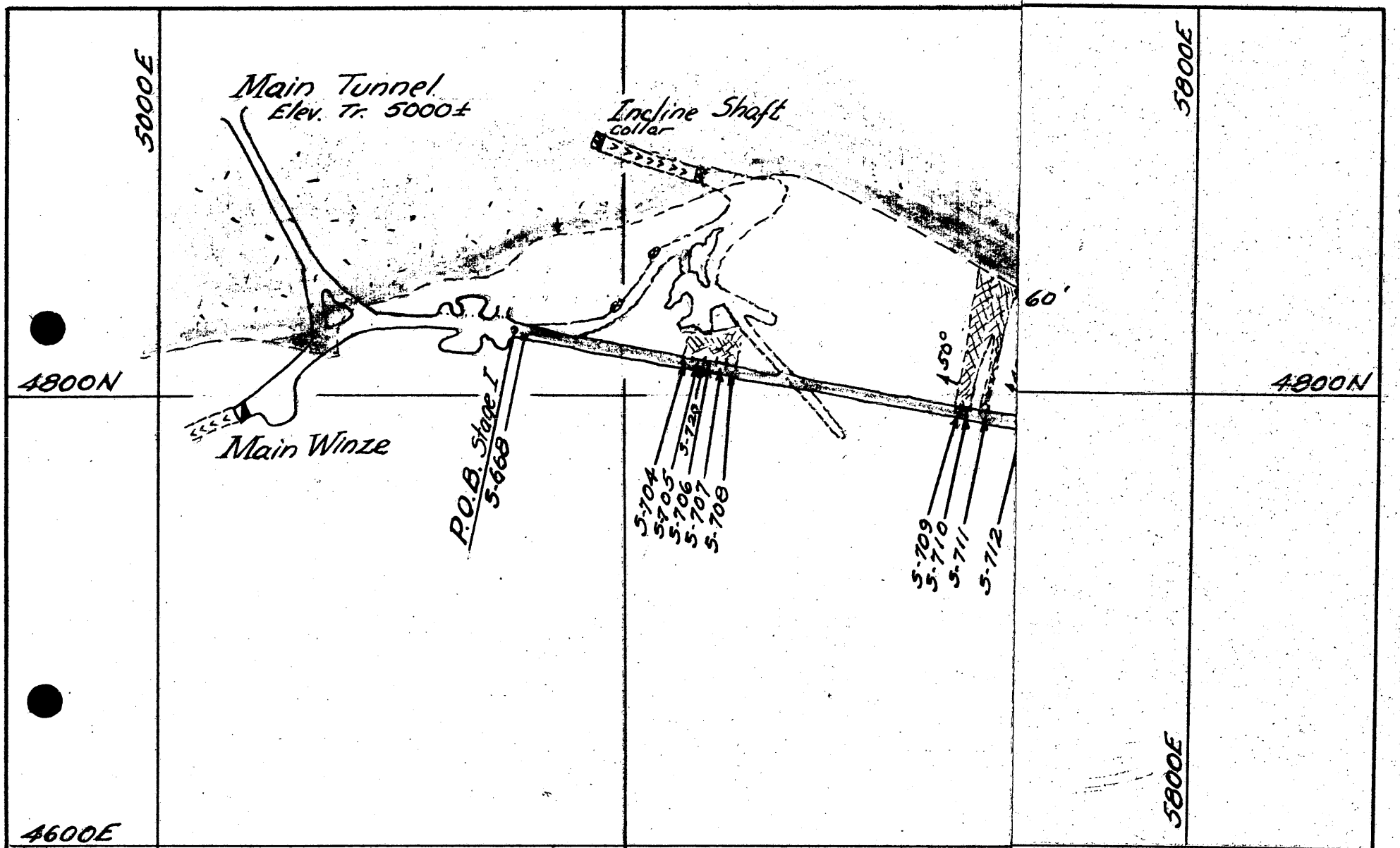
Docket No. DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill Mines
Inyo County, California
Contract No. Idm-E 1125

Exploration was inspected March 24-25, 1958 by B. H. Sheahan, U. S. Bureau of Mines, accompanied by Ralph E. Shupe, A. P. Decker, and Frank R. Wicks.

Progress amounts to 514 feet of crosscutting as indicated on attached assay map. Tactite containing a few scattered crystals of scheelite was sampled between Stations 459 and 462. Analyses will be included with the next interim report.

The Operator was advised to further explore scheelite-bearing tactite exposed in the crosscut by long hole drilling which is authorized by the contract. Timber for ground support will be placed along 60 feet of the recent work.

B. H. Sheahan,
Mining Engineer



alley Mine
, California
Contract IdmE 1125
h Map.
B.H.S.
~~2/26/1958~~

OFFICIAL FILE COPY
DMEA
RECEIVED APR 9 1958

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date March 12, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

CENTRAL FILE COPY
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RECEIVED 17 1958

3/18	C	220
18	[illegible]	100
"	[illegible]	110
3/21	[illegible]	800
	WSM	400

Attached are three copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan,
Mining Engineer

Dated February 28, 1958

S. Ricker

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments ——

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

ORIGINAL FILE COPY
DMEA
RECEIVED 17 1958
DATE | INITIAL | CODE

INTERIM REPORT

February 28, 1958

Docket No. DMEA-4614 (Tungsten
Ralph E. Shupe
Round Valley and Tungsten Hill Mines
Inyo County, California
Contract No. Idm-E 1125

Exploration was inspected February 24-25, 1958 by B. H. Sheahan, U. S. Bureau of Mines, accompanied by A. P. Decker, Superintendent.

The crosscut had been extended 330 feet from the point of beginning on a bearing S. 81° E., and had cut several scheelite-bearing tactite bodies from one foot to twenty feet thick. Tactite, silicated limestone, and hornfels exposed by the exploration, strikes about normal to the crosscut and dips 20 degrees to 50 degrees westerly.

The Operator's monthly reports are well prepared and include a narrative description of exploration and detailed geologic maps. Work is conducted efficiently and is now on a two shift per day basis. On February 18, 1958, Mr. Shupe made a request by telephone that he desired to have the contract amended. His proposal consists of changing Stage I by cancellation of both 100 feet of winzing and 500 feet of long hole drilling from the winze

and then using these funds to drive 240 feet of drifts (with about 65 feet of the drift timbered) to explore scheelite-bearing tactite bodies that have been or will probably be exposed by crosscutting. He is now of the opinion that scheelite-bearing tactite exposed in the lower workings of the mine will definitely continue down dip for several hundred feet. At some future time, depending upon the market price of tungsten, he plans to consider sinking a vertical shaft at a location west of present workings. The drifting which he proposes could be used for car switch stations or for long hole drill stations as well as for exploration purposes.

The superintendent was advised to drill long holes northerly from three locations in the crosscut to further explore the mineralized tactite and determine the location of the granite contact.

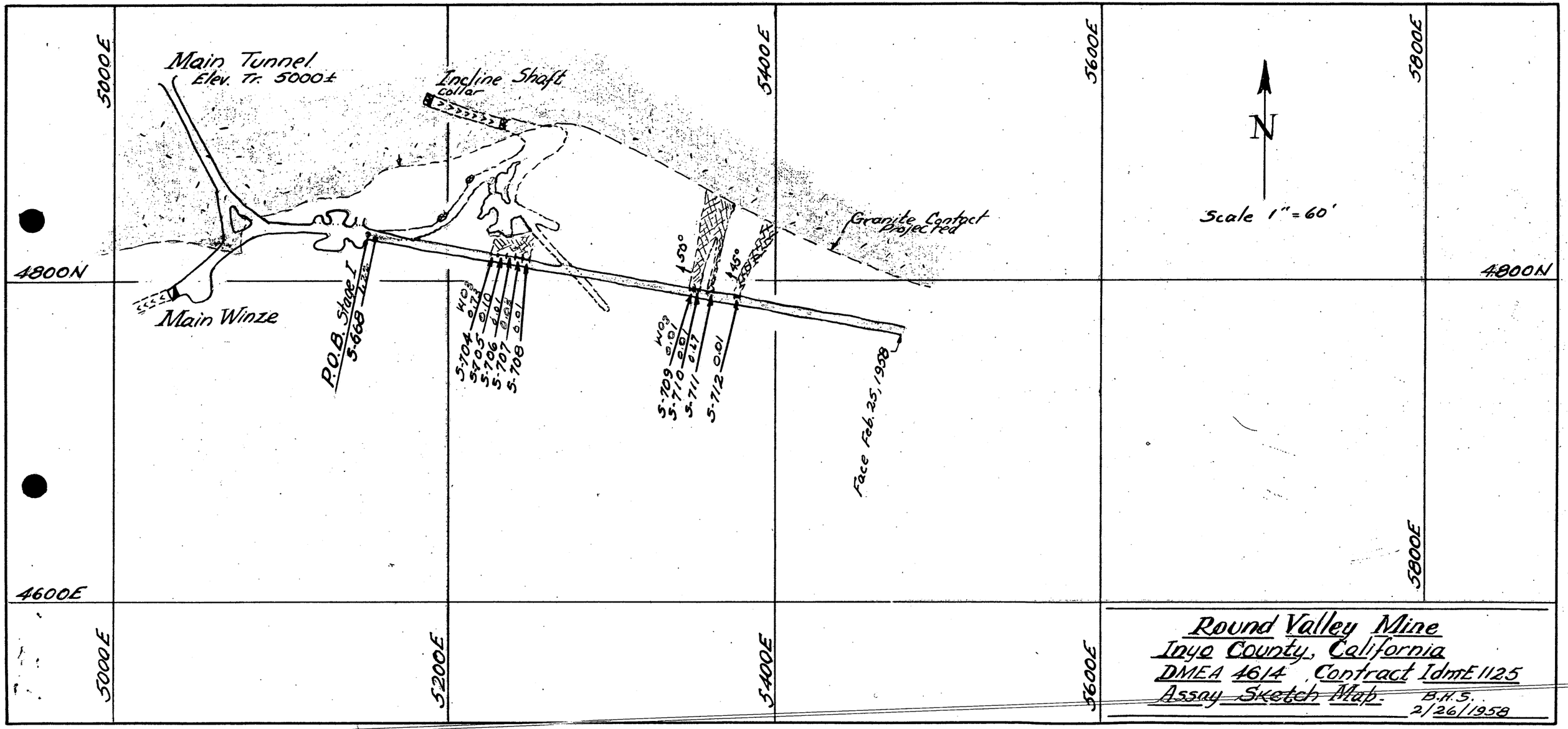
The following check samples were taken and these represent the grade of the best exposures in the crosscut. Sample locations are indicated on attached sketch map.

Sample No.	Width feet	Percent WO_3	Remarks
S-668	1.0	1.22	P.O.B. 4'-5' S.Side x-cut, tactite.
S-704	5.0	0.73	" " " 75'-80' N.Side " "
S-705	5.0	0.10	" " " 80'-85' " " " "
S-706	5.0	0.01	" " " 85'-90' " " " "
S-707	5.0	0.03	" " " 90'-95' " " " "
S-708	4.0	0.01	" " " 95'-99' " " " "
S-709	2.0	0.01	" " " 197'-199' " " " "
S-710	3.0	0.01	" " " 199'-202' " " " "
S-711	5.0	0.27	" " " 207'-212' " " " "
S-712	3.0	0.01	" " " 227'-230' " " " "

Exploration work to date has successfully found scheelite-bearing tactite within the target area. The amendment proposed by the Operator has excellent exploration possibilities because the scheelite content of the mineralized tactite usually increases toward the irregular granite contact. The amendment should be held in abeyance until the 900 feet of crosscutting under Stage I is nearly completed since the best exploration targets for the proposed drifts could then be more carefully selected.

Benjamin H. Sheahan

B. H. Sheahan,
Mining Engineer


5000E
5200E
5400E
5600E
5800E
4800N
4600E
Main Tunnel
Elev. Tr. 5000±
Incline Shaft
Collar
Main Winze
P.O.B. Stage I
5-668
5-704 WO3 0.13
5-705 0.10
5-706 0.01
5-707 0.01
5-708 0.01
5-709 WO3 0.01
5-710 0.01
5-711 0.17
5-712 0.01
150°
145°
Granite Contact Projected
Face Feb. 25, 1958
N
Scale 1" = 60'
Round Valley Mine
Inyo County, California
DMEA 4614 Contract IdmE 1125
Assay Sketch Map.
B.H.S.
2/26/1958

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 17 1958

DATE	[illegible]	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date Jan. 9, 1958

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 14 1958

DATE	INITIALS	CODE
1/14	C	220
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	WSG	400

Attached are four copies of Interim Report

Docket No. DMEA-4614

Contract No. Idm=E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

By B. H. Sheahan
Mining Engineer

Dated Dec. 3, 1957

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 14 1958

DATE	INITIALS	CODE

INTERIM REPORT
(Second)

December 3, 1957

Docket No. DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hill Mines
Inyo County, California
Contract No. Idm-E 1125

Exploration was inspected November 26, 1957 by B. H. Sheahan, U. S. B. M., in company with Mr. A. P. Decker Superintendent for the Operator.

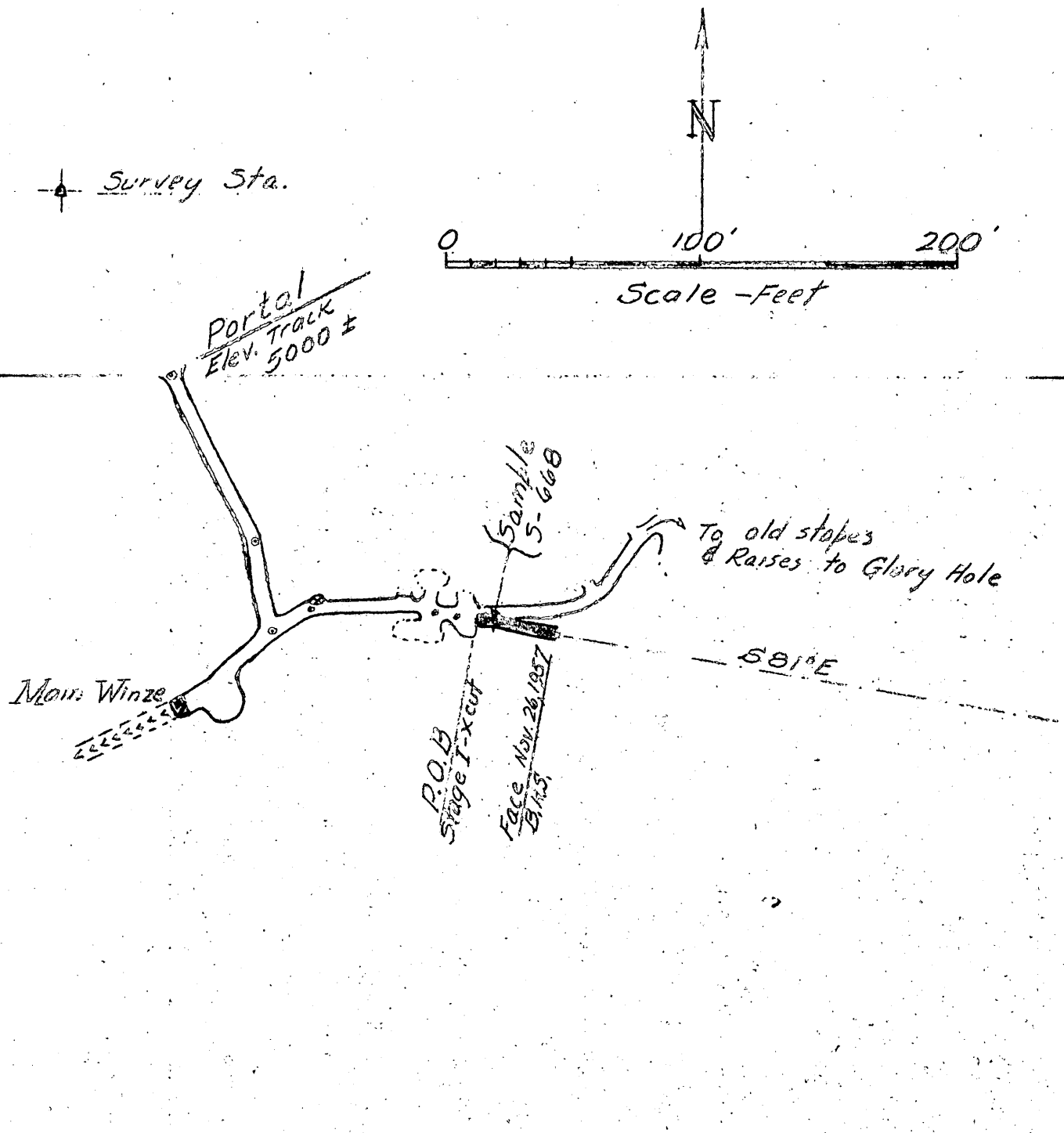
Crosscutting as authorized by Stage I of the contract was started November 11, 1957 and 33 feet of advance was made in hornfels and tactite. Sample S-668, estimated to contain 0.8 percent WO_3, was taken from a small pod of scheelite-bearing tactite near the point of beginning of the crosscut. See attached sketch map. A supply of mine timber is on hand and will be used when needed.

The Operator has rented some excellent mining equipment for the exploration from his superintendent. He has also employed Mr. Byron Works, Engineer Geologist, of Wah Chang Mining Corporation, on a part-time basis. His monthly reports will be assembled by Mr. Don Sada, accountant at Reno, Nevada, from data furnished by his superintendent and engineer.

The crew at the property included the superintendent and two miners. The Operator plans to improve the alignment of the tunnel between the portal and the Stage I crosscut on his own account in the near future. Work completed to date has been done efficiently. Some slight adjustments in the established alignment of the crosscut may be necessary after approximately 300 feet of advance is made. This will depend upon results of the work. At that time, long hole drilling toward the granite contact will probably be recommended.

B. H. Sheahan

B. H. Sheahan,
Mining Engineer



Round Valley Mine
Inyo County, California
DMEA-4614 (Tungsten), Idm-E 1125

SKETCH MAP OF MAIN TUNNEL
From Company map. R.E. Shupe
B.H. Sheahan, USBM. Dec. 4, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 14 1958

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date Sept. 17, 1957

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on

Docket No. DMEA-4614

Contract No. Idm-E 1125

Commodity Tungsten

Operator Ralph E. Shupe

Property Round Valley and Tungsten Hill Mines

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 19 1957

DATE	INITIALS	CODE
9/20	C	220
9/20	WSM	400

By B. H. Sheahan

Dated Sept. 12, 1957

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 19 1957

DATE	INITIALS	CODE

September 12, 1957

INTERIM REPORT

Docket No. DMEA-4614 (Tungsten)
Ralph E. Shupe
Round Valley and Tungsten Hills Mines
Inyo County, California
Contract No. Idm-E 1125

An inspection of the property was made September 11, 1957 in company with Mr. Frank R. Wicks, the operator's representative. The operator intends to commence preliminary work as soon as a crew and equipment are obtained. He plans to improve the alignment of the main tunnel prior to starting exploration work under Stage I of the contract.

A point of beginning and direction of the proposed crosscut was established at a face S 81°- 00' E. from Survey Station 7. This face is 188.58 feet along the line of the present tunnel from Survey Station 1 at the portal.

B. H. Sheahan

B. H. Sheahan,
Mining Engineer

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 20 1958 M.E.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1958 Docket No. DMEA 4014 Contract No. IDAE 1126
Operator's Name Ralph E. Chupe Minerals Tungsten
Address 1521 W. 70th. St., Los Angeles 47, Calif. $CaWO_4$ - Scheelite
Contract Amount, $ 70,000.00 Government Participation: 75 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY 11/24/58 WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:	(Fixed Unit Cost)					
Drilling: Longhole		1,259.40	1,259.40			
Bulldozing						
Crosscutting	6,379.00	34,146.00	42,525.00			
Drifting		7,950.00	7,950.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	210.00	651.00	861.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		42.00	42.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6,589.00	44,048.40	52,637.40			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 11/7/58 *Payee Ralph E. Chupe

Per Ralph E. Chupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of: $6441.75 Less $500.00 Holdback per SF-104A

$5941.75

Frances S. Horton
Authorized Certifying Officer

Signature (Authorized Certifying Officer)

Date NOV 14 1958 Vou. No. SF-07-EA-14

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E1125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date Nov. 10, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date Nov. 10, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED NOV 20 1958 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1958 Docket No. DMEA 4314 Contract No. Kim R 1126
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1521 S. 70th. St., Los Angeles 47, Calif. $CaWO_4$ - Scheelite

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.			7,960.00	252.4	31.50	252.4	7,960.00
Crosscutting	Ft.	8,379.00	266	42,525.00	1350	31.50	1900	58,700.00
Timbering	Ft.	210.00	36	801.00	143.5	5.00	450	2,700.00
Shafts								
Winzes								
Drilling: Core & Longhole	Ft.			1,259.40	839.6	1.50	2000	3,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1			42.00	14	3.00	110	330.00
TOTAL DISTRIBUTED COSTS		8,589.00		52,637.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		8,589.00		52,637.40				70,650.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 11/7/58 Operator Ralph E. Shupe

Per Ralph E Shupe Title Operator

NOTE.—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.

REMARKS:

$500.00 Adelbert Jenkins receipt of Operators Trust Report with Audit deposited to Company Account #
14468 75(23)

(Instructions on reverse)

(For Government use only) B. H. Shahan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
OCTOBER, 1958

D.M.E.A. Contract No. Idm-E-1125

The exploration adit was continued on a bearing of approximately S 64° E for a distance of 180 feet and then was turned to a bearing of S 48° E and continued for and additional 85.6 feet. This makes a total of 1350 feet from the point of beginning, and is 450 feet of the Stage 2 footage.

Another car pass was blasted out at a distance of 1265 feet to 1305 feet from the point of beginning.

Material encountered this month has been entirely granite of which almost all is badly shattered. No scheelite has been found.

Sloughing granite has necessitated installing an additional 35 feet of timber in the adit.

It appears the granite cuts off the downward extension of the metamorphics under the Tungsten Hills Mine at some elevation above the location of this exploration adit.

A final report will be submitted shortly as specified by the D. M. E. A.

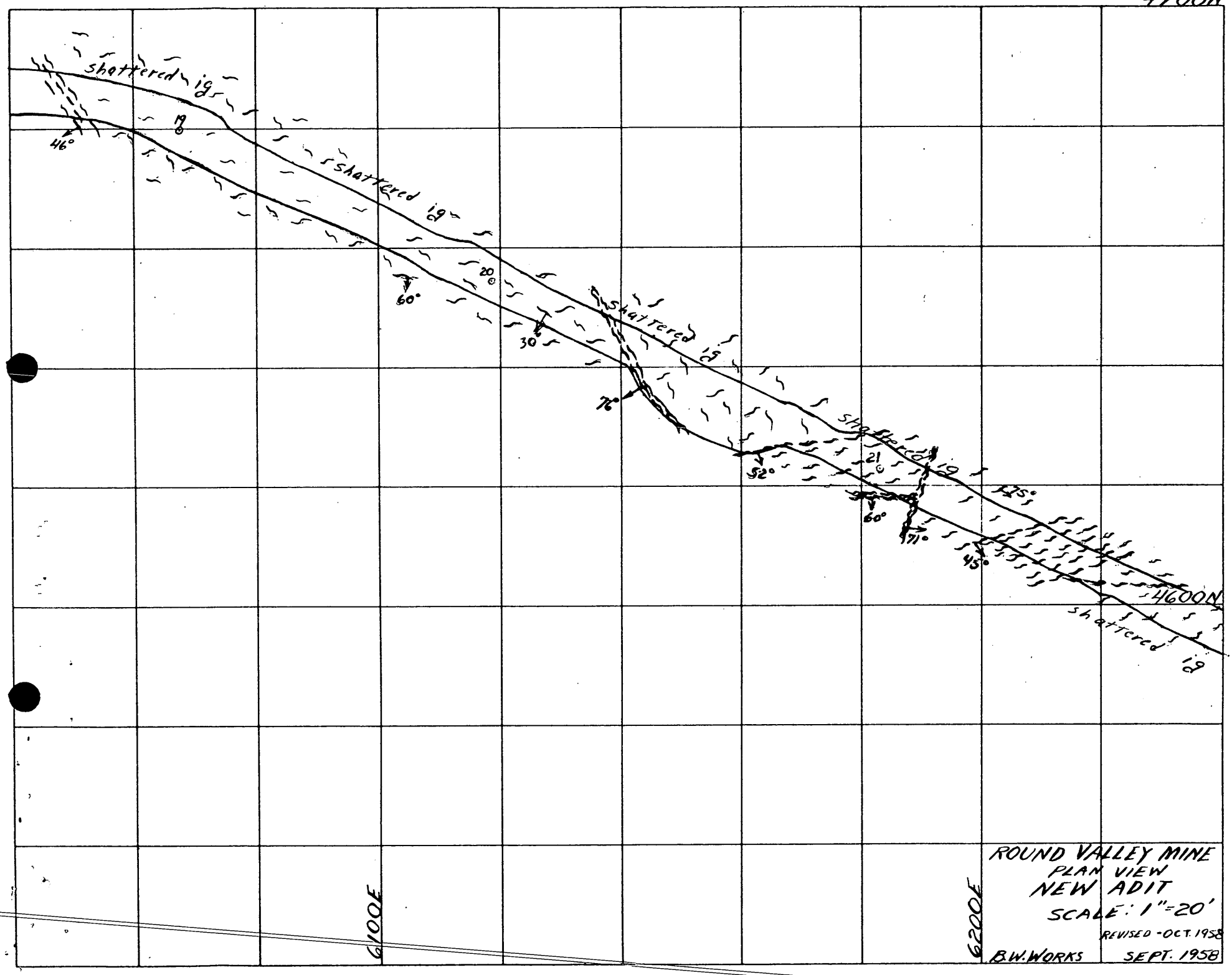
Respectfully submitted,

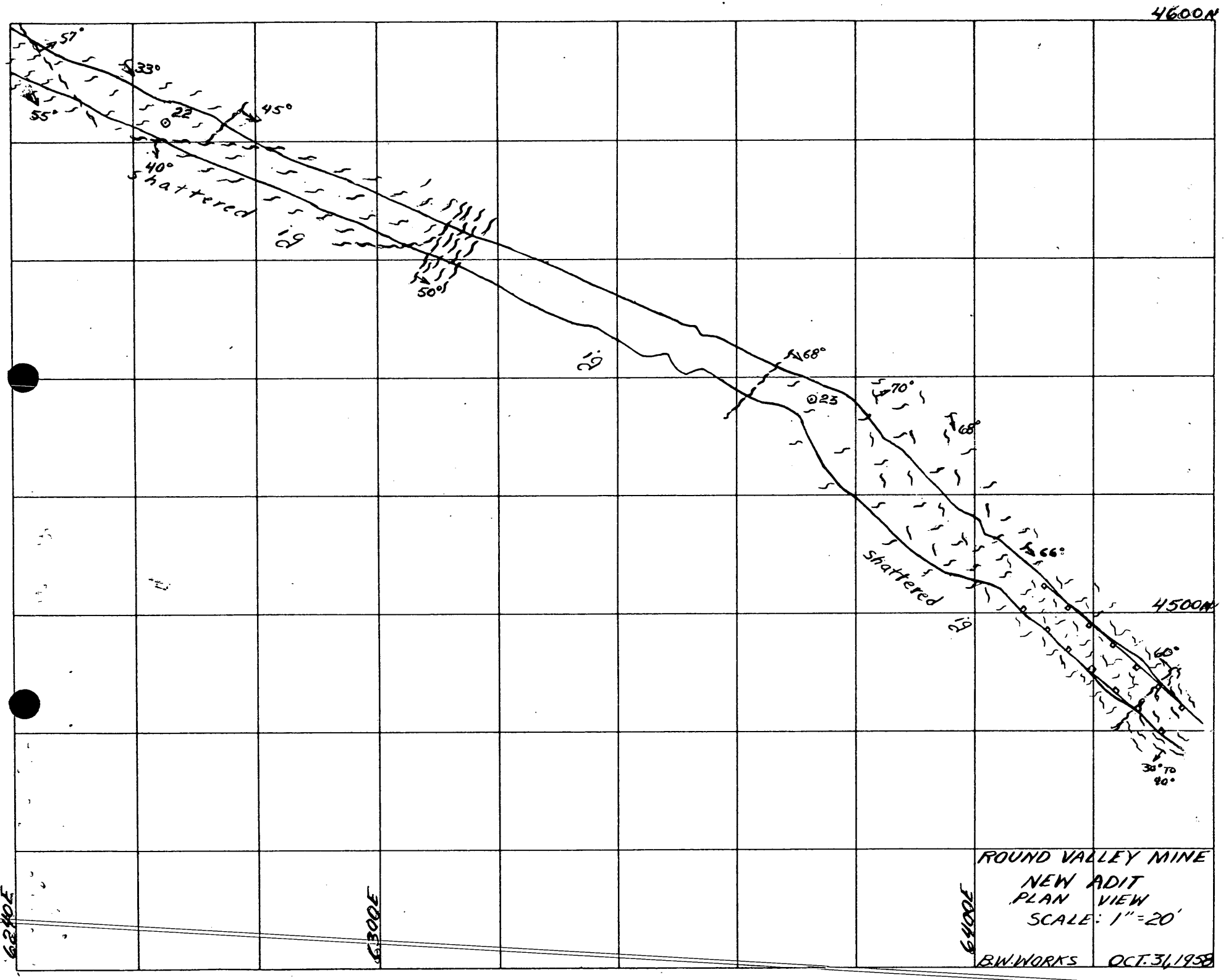
Byron W. Works

Byron W. Works

EXTRA COPY
O. M. E.
RECEIVED NOV 20 1953

DATE	INITIALS	COPY


4700N
shattered ig
shattered ig
shattered ig
shattered ig
shattered ig
shattered ig
46°
60°
20°
30°
76°
52°
21°
60°
71°
45°
45°
4600N
6100E
6200E
ROUND VALLEY MINE
PLAN VIEW
NEW ADIT
SCALE: 1"=20'
REVISED - OCT. 1958
B.W. WORKS
SEPT. 1958


4600N
57°
33°
55°
22
45°
40°
shattered
50°
68°
23
70°
68°
66°
shattered
4500N
60°
30° TO 80°
6240E
6300E
6400E
ROUND VALLEY MINE
NEW ADIT
PLAN VIEW
SCALE: 1" = 20'
B.W. WORKS
OCT. 31, 1958

DONALD A. SADA

PUBLIC ACCOUNTANT

RENO, NEVADA

TELEPHONES
OFFICE FAIRVIEW 2-7114
RESIDENCE ELGIN 5-8973

720 N. Virginia St.

November 7, 1958

Mr. Spangler Rieker
Executive Officer
DMEA Field Team, Region II
U. S. Department of the Interior
1606 Evans Avenue
Reno, Nevada

Re: RALPH H. SHUPE
Docket No. DMEA 4614 (Tungsten)

Dear Mr. Rieker:

We enclose herewith the original and four copies of subject Operator's Report as follows:

(a) MF-104 Operator's Monthly Report & Voucher.

(b) MF-104A Operator's Unit Cost & Progress Report.

(c) Narrative, Maps, prepared by Mr. Byron W. Works, Geologist.

The above Reports cover the month of October, 1958, and constitute the Twelvth Report due to be submitted on subject Project.

Inasmuch as work on the Project has terminated with this Report, the "Operator's Final Report" will follow very shortly.

Noted

Sincerely yours,

D. A. SADA

DAS:sm
Encls.

Form MF-104 (Rev.)
(April 1952)

RECEIVED
OCT 27 1958
O.M.E.

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 195 8 Docket No. DMEA 4014 Contract No. Idm E 1185
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1861 W. 79th. St., Los Angeles 47, California CaWO4 - Scheelite
Contract Amount, $ 70,000.00 Government Participation: 75 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Short Form Contracts:	(Fixed Unit Cost)					
Drilling & Longhole	61.80	1,197.90	1,259.40			
Bulldozing						
Crosscutting	2796.00	26,350.00	34,140.00			
Drifting		7,950.00	7,950.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	160.00	501.00	661.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	30.00	12.00	42.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3037.80	36,010.80	44,048.40			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 10/3/58 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4528.13

Signature _____
(Authorized Certifying Officer)

Date OCT 25 1958 Vou. No. SF-DMEA-10

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Mm-E1125 in accordance with the terms of the contract.

Signature Benjamin H. Sheahan Title Mining Engineer Date Oct. 6, 1958

Benjamin H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date Oct. 6, 1958

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1958 Docket No. DMEA 4614 Contract No. 1[illegible] 1[illegible]

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 N. 79th. St., Los Angeles 47, California $CaWO_4$ - Scheelite

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Ft.			7,960.00	252.4	31.60	252.4	7,960.00
Crosscutting	Ft.	5796.00	184	34,144.00	1084	31.50	1800	56,700.00
Raising: Timbering	Ft.	160.00	26	661.00	108.5	6.00	450	2,700.00
Shafts								
Winzes								
Drilling: Core & Longhole	Ft.	61.60	41	1,259.40	839.6	1.50	2000	3,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1	30.00	10	42.00	14	3.00	110	330.00
TOTAL DISTRIBUTED COSTS		6037.60		44,048.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6037.60		44,048.40				70,650.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 10/3/58 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only) Benjamin F. Shahan

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
SEPTEMBER, 1958

Diamond drill hole No. 8 was collared and completed during this month. This hole was drilled for the short length of 41 feet before bad ground forced the drillers to quit. It was decided by the operator not to case the hole and continue to greater depths. The log of the hole accompanies this report.

Several assays from diamond drill hole no. 6 and long hole no. 3 were received from Bishop Assay Office:

DDH 6	25' to 30'	.012	(sludge)
DDH 6	40' to 44'	.012	(sludge)
DDH 6	40' to 50'	.102	(core)
DDH 6	56' to 60'	.006	(sludge)
LH 3	25.5' to 30.6'	.018	
LH 3	30.6' to 35.7'	.012	
LH 3	35.2' to 40.8'	.006	
LH 3	40.8' to 45.9'	.020	
LH 3	45.9' to 51.0'	.020	

The main adit face was advanced 159 feet in a direction of S 63° E in shattered granite, making a total of 1084.4 feet from the point of beginning. A total of 25 feet of timber was installed in the adit at 921 feet to 946 feet from the point of beginning.

A car pass was blasted out on the southwest side of the adit at a distance of 1011 feet to 1039 feet from the point of beginning. This will greatly facilitate handling muck from the active heading.

Plans are to continue on the present bearing to the granite-tactite contact at which point the adit will be turned left and continued on a bearing approximately the same as the first 925 feet (S 81° E).

Respectfully submitted,

Byron W. Works

Byron W. Works, Geologist

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 8
Level Haulage

Size Hole Ax Date Began Sept. 3, 1958 Date Finished Sept. 4, 1958

Length 41 Bearing N 65° E Vertical Angle - 28°

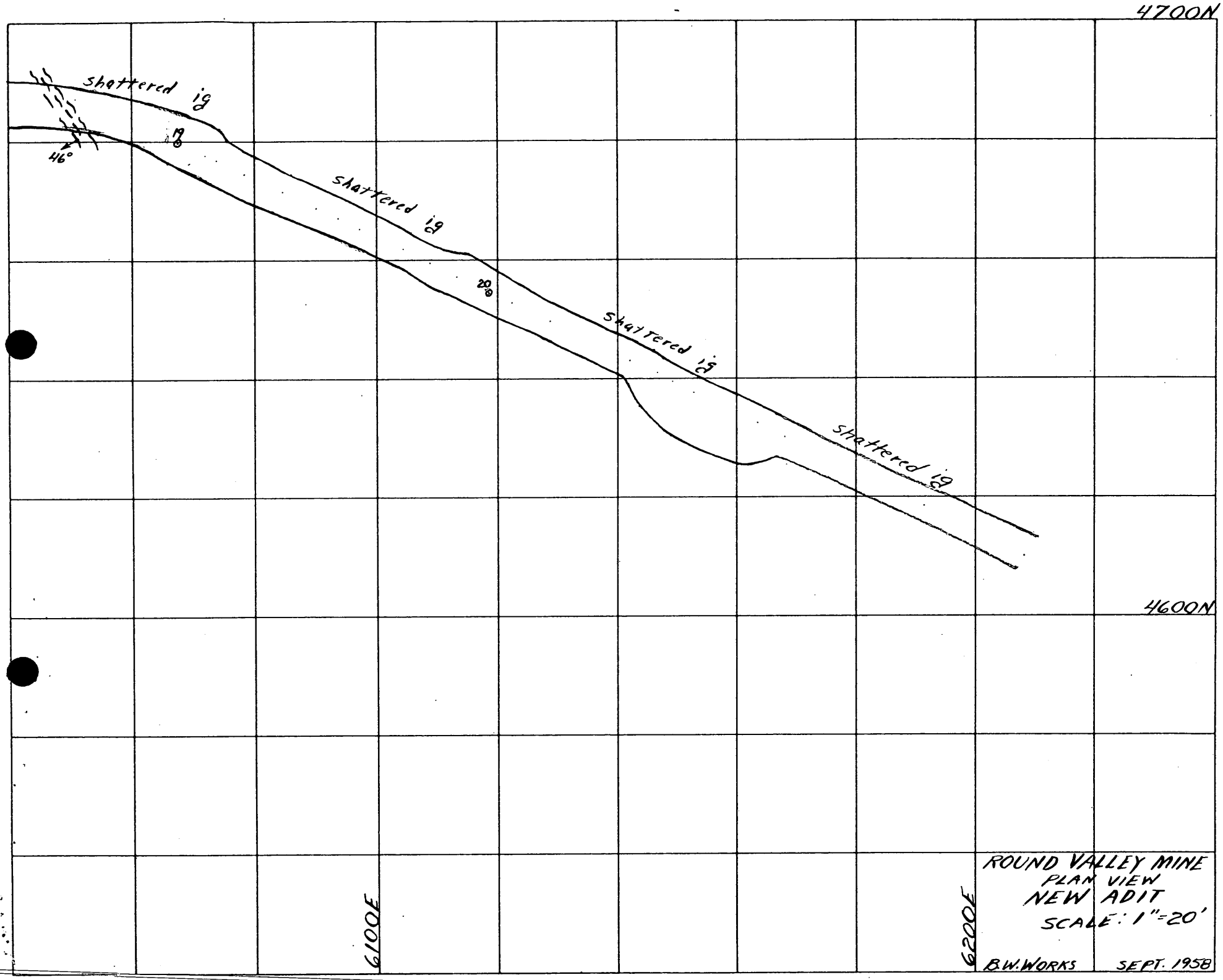
Collar Coordinates: N. 4807 E. 5305 Collar Elev. 5003.3

End Coordinates: N. 4822.3 E. 5337.2 End Elev. 4984.1

From	To	Ft. Core	Description
0	10	4.5	Tactite. Broken Core, especially bad at 5' to 10'.
5	10	sludge	Tactite. Very little scheelite.
10	14	1.0	Quartz, muscovite, altered T. Badly broken.
10	15	sludge	same. Small amount scheelite.
14	16	1.7	T. Broken core.
16	20	0.6	T. Mud. Fault
15	20	sludge	T. Muscovite, quartz, small amount scheelite.
20	25	sludge	" " " " " "
25	30	sludge	T. Small amount scheelite.
27	33	4.4	T. Mud @ 33'. Scheelite @ 32.1 to 32.3.
33	34.7	1.6	T & quartz. Plug bit used.
34.7	38	3.3	T. Few crystals scheelite @ 35.5, 36, 36.2.
38	41	2.5	T. Plug bit used from 38' to 39.5'.

(End)
Total core 19.6

% Recovery-- 47.8


4700N
shattered ig
46°
19
shattered ig
20
shattered ig
shattered ig
4600N
6100E
6200E
ROUND VALLEY MINE
PLAN VIEW
NEW ADIT
SCALE: 1"=20'
B.W. WORKS
SEPT. 1958

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1958 Docket No. DMEA 4614 Contract No. Idm B 1125
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1621 W. 79th. St., Los Angeles 47, California $CaWO_4$ - Scheelite
Contract Amount, $ 70,680.00 Government Participation: 76 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM 9/17: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Contracts: Short Form (Fixed Unit Cost)						
Drilling & Longhole	839.40	358.50	1,197.90			
Bulldozing						
Crosscutting		28,350.00	28,350.00			
Drifting		7,950.00	7,950.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	135.00	366.00	501.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	9.00	3.00	12.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	983.40	37,027.50	38,010.90			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 9/9/58 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 737.55

Frances S. Horton
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date SEP 12 1958 Vou. No. SF-DMEA-4

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E1125 accordance with the terms of the contract.

Signature Benjamin H. Sheahan Title Mining Engineer Date Sept. 9, 1958

Benjamin H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert S. Ricker Title Executive Officer Date Sept. 9, 1958

Robert S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED SEP 17 1958 D.M.E.A.

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1958 Docket No. DMEA 4614 Contract No. ICm S 1155

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 72th. St., Los Angeles 47, California $CaWO_4$ - Scheelite

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Ft.			7,950.00	252.4	31.50	252.4	7,950.00
Crosscutting	Ft.			28,350.00	900	31.50	1800	56,700.00
~~Raising~~ Timbering	Ft.	135.00	22.5	501.00	83.6	6.00	450	2,700.00
Shafts								
Winzes								
Drilling: Core & Longhole	Ft.	839.40	559.6	1,197.90	798.6	1.50	2000	3,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1	9.00	3	12.00	4	3.00	110	330.00
TOTAL DISTRIBUTED COSTS		983.40		38,010.90				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		983.40		38,010.90				70,680.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 9/9/58 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only) Benjamin F. Shahan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

TELEPHONES
OFFICE FAIRVIEW 2-7114
RESIDENCE ELGIN 5-8873

DONALD A. SADA
PUBLIC ACCOUNTANT
RENO, NEVADA

720 N. Virginia St.

September 9, 1960

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
U. S. Department of the Interior
1605 Evans Avenue
Reno, Nevada

Re: RALPH E. SNUPE
Docket No. DMEA 4614 (Tungsten)

Dear Mr. Ricker:

We enclose herewith the original and four copies of subject Operator's Report as follows:

(a) MF-104 Operator's Monthly Report & Voucher.

(b) MF-104A Operator's Unit Cost & Progress Report.

(c) Narrative, Longhole, and Diamond Drill Logs, prepared by Mr. Byron E. Norris, Geologist.

The above Reports cover the month of August, 1960, and constitute the Tenth Report due to be submitted on subject Project.

Sincerely yours,

D. A. SADA

DAS:mm
Encls.

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
AUGUST, 1958

D.M.E.A. Contract No. Idm-E-1125

Exploration has been confined to diamond drilling and long hole drilling during the month. A total of 132.6 feet of long holes and 427 feet of diamond drill holes were completed. The following is a list of these holes with the corresponding footages:

DDH 3	127'	LH 1	30.6'
DDH 4	44'	LH 2	51.0'
DDH 5	96'	LH 3	51.0'
DDH 6	60'		
DDH 7	100'		
Total	427'	Total	132.6'
			427.0'
Total drilling for month			559.6'

Logs of these holes accompany this report.

Several samples have been sent to Bishop Assay Office for assay. Those assays which have been received to date are:

DDH 3	13.8 to 14.2	1.22% WO_3
"	24.6 to 25.9	0.95 "
"	42.4 to 44.4	0.22 "

The sample from 801 drift sent in last month assayed 0.79% WO_3. This is a sample from the bottom ofthe drift for a linear distance of 3' parallel to the granite contact at coordinates 4850 N. and 5808 E.

DDH #6 had to be stopped due to bad ground in the hole. It is planned to reenter this hole as soon as the casing and other necessary equipment is available.

It is planned to collar a diamond drill hole near the collar of hole number 3 and drill down at approximately 30° on a bearing of N 65° E to further explore this zone.

The timber in the adit was measured and found to be 83.5 linear feet.

Respectfully submitted,

Byron W. Works

Byron W. Works

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 3
Level Haulage

Size Hole AX Date Began Aug.1958 Date Finished Aug. 1958

Length 127 Bearing N 58° E Vert.Angle - 8½°

Collar Coordinates N. 4808 E. 5298 Collar Elev. 5005.3

End Coordinates N. 4875.6 E. 5404.5 End Elev. 5024.1

From	To	Ft. Core	Description
0.0	41.0	24.5	Tactite. Scheelite at 24.6 to 25.9; 13.8 - 14.2; lamps spotty at 31.8 - 41. Qtz. & pyrite at 24.6-25.9. Fault at 32 - 34; 38 - 41. Assays: 13.8 to 14.2 --- 1.22% WO_3 24.6 to 25.9 --- 0.95% WO_3 42.4 to 44.4 --- 0.22% WO_3
41.0	66.0	20.1	Bedded Tactite. Lamps spotty at 41 to 66. (See above for assay). Core angle 60° @ 43'; 55° @ 58'; 58° @ 65'. Broken core @ 65' to 66'.
66.0	73.0	5.0	Gray & black Ls. Broken core. Core Angle 40°.
73.0	115.0	29.4	T. Some banding throughout. Fe oxides @ 93 - 96. Core angle 45° @ 75'; 50° @ 88'; 55° @ 99'. Very small amount scheelite at 76' & 102.5'. Ig stringer at 106 - 107. Broken core @ 73 - 74.4; 77 - 85; 99 - 102.
115.0 - (End)	127.0	2.0	Granite. Broken and faulted.

Total core 81.0

% Recovery -- 63.8

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 4
Level Haulage

Size Hole AX Date Began 8-13-58 Date Finished 8-14-58

Length 44 Bearing S 84° E Vert. Angle -11°

Collar Coordinates N. 4850 E. 5818.5 Collar Elev. 5009.5

End Coordinates N. 4845.4 E. 5861.5 End Elev 5001.1

From	To	Ft. Core	Description
0.0	19.0	15.1	Tactite. Slightly broken core. Scheelite @ 9.8'.
19.0	30.0	11.0	Bedded T. Scheelite @ 22.8 & 24.6. Core angle 70° @ 22'; 65° @ 29'.
30.0	35.0	1.0	T. Small amount scheelite at 30 - 33. Broken core.
35.0	40.0	4.0	Black Ls. Broken core. Fault @ 35 - 36 contains Ig.
40.0	42.0	1.2	T. Altered zone.
42.0	44.0	0.8	Ig. Broken core.

(End)

Total core 33.1

% Recovery --- 75.2

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 5
Level Haulage

Size Hole AX Date Began 8-14-58 Date Finished 8-16-58

Length 96 Bearing N 60° E Vert. Angle 0°

Collar Coordinates N. 4801 E. 5344 Collar Elev. 5006.1

End Coordinates N. 4849 E. 5427.1 End Elev. 5006.1

From	To	Ft. Core	Description
0.0	10.0	8.3	Tactite. Scheelite at 4'. Broken core @ 4 - 10.
10.0	21.0	11.0	Bedded tactite. Core angle 35° @ 15'. Broken core @ 20 - 21.
21.0	26.0	2.6	Ls. Gray to black. Broken core.
26.0	30.0	2.8	Bedded T. Core 50° @ 29'.
30.0	37.5	5.8	Ls, T. Ls black to pale green color. Broken core.
37.5	40.0	2.2	Tb. Core angle 40°.
40.0	40.4	0.4	Black Ls. Broken core.
40.4	51.3	9.9	T.
51.3	65.0	10.7	Tb. Core 50° @ 54'; 50° @ 60'. $CaWO_4$ @ 63'.
65.0	90.0	17.4	T. Broken @ 65 - 66.5 & 85 - 90. $CaWO_4$ @ 67; 79; 80.5.
90.0	92.5	2.4	Tb. Core 45° @ 91'.
92.5	96.0	3.2	Tb. Core 35° @ 95'.
(End) Total core		76.7	

% Recovery --- 79.9

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 6
Level Haulage

Size Hole AX Date Began 8-16-58 Date Finished 8-17-58

Length 60 Bearing N 40° E Vert. Angle - 10½°

Collar Coordinates N. 4814 E. 5284 Collar Elev. 5005.0

End Coordinates N. 4859.2 E. 5321.9 End Elev. 4994.1

From	To	Ft. Core	Description
0.0	17.0	9.5	Light gray to black colored Ls. Broken core. Core Angle 10° @ 10'; 35° @ 15'.
17.0	25.0	Sludge	T. Altered zone.
25.0	30.0	Sludge	T. Some qtz & muscovite. Some scheelite. Altered zone.
30.0	40.0	5.5	T. $CaWO_4$ @ 33.5'.
30.0 -	35.0	Sludge	T. Very small amount $CaWO_4$.
35.0	40.0	Sludge	T. Very small amount $CaWO_4$.
40.0	50.0	5.3	T. Contains some scheelite.
40.0	44.0	Sludge	T. Contains some scheelite.
50.0	52.0	0.5	Marble & tactite. Altered zone.
56.0	60.0	Sludge	T. Small amount scheelite.
56.0	60.0	0.3	T.
(End) Total core		21.1	

% Recovery ---35.2

Assay Intervals:

Core	Sludge
40.0 - 50.0	40.0 - 44.0
	56.0 - 60.0
	25.0 - 30.0

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 7
Level Haulage

Size Hole AX Date Began Aug. 30, 1958 Date Finished Sept. 2, 1958

Length 100 Bearing N 50° W Vert. Angle + 33°

Collar Coordinates N. 4775 E. 5937 Collar Elev. 5015.5

End Coordinates N. 4828.9 E. 5872.7 End Elev. 5070.0

From	To	Ft. Core	Description
0.0	25.0	21.5	Banded Ls & T. Ls color black to pale green & gray. Core angle 70° @ 5'. Broken core. Mud @ 24.5 - 25.0.
25.0	37.0	12.0	Tb. Core angle 70°.
37.0	65.0	26.0	T. Core angle 65° @ 60 - 63. Broken core 47 - 53; mud @ 51 - 53.
65.0	80.0	8.0	Tb. Core Angle 60° @ 66; 55° @ 74; 60° @ 75. Broken core @ 66 - 67 & 69 - 80.
80.0	84.0	2.7	T. Broken core. Core angle 60°.
84.0	85.7	1.7	Granite dike. Broken core.
85.7 (End)	100.0	3.6	T. Scheelite @ 95'. Small zone lamps good but true length not determined due to poor core recovery; 0.1' long piece of core shows this scheelite. Tactite at 95 - 100 may be altered granite or near the granite contact.
Total core		75.5	

% Recovery -- 75.5

LONG HOLE LOG
ROUND VALLEY MINE

Hole No. 1
Level Haulage

Length 30.6 Date Began Aug. 1958 Finished Aug. 1958

Bearing S 67° W Vert. Angle + 2° Collar Elev. 5010.2

Collar Coordinates N. 4841 E. 5783 End Elev. 5011.0

From	To	Description
0.0	5.1	Bedded T. Few $CaWO_4$ crystals.
5.1	10.2	Tb.
10.2	15.3	Ls, some garnet.
15.3	20.4	Ls, some garnet.
20.4	25.5	Tb
25.5	30.6	Tb
(end)		

Note: Bedded tactite is inferred from the amount of garnet compared to the remaining minerals.

LAKE GOLD LOC
LOWER VALLEY MINE

Hole No. 2

Length 51' Date Began Aug. 1958 Finished Aug. 1958 Level Haulage

Bearing S 82° E Vert. Angle + 2½° Collar Elev. 5009.0

Collar Coordinates E. 4810.8 N. 5787 Dad Elev. 5011.2

From	To	Description
0.0	5.1	Tb
5.1	10.2	Tb
10.2	15.3	Ls, T
15.3	20.4	Ls, T
20.4	25.5	Tb
25.5	30.6	Tb
30.6	35.7	Tb
35.7	40.8	T
40.8	45.9	T
45.9	51.0	T

(End)

LONG HOLE LOG
ROUND VALLEY MINE

Hole No. 3
Length 51.0 Date Began Aug. 1958 Finished Aug. 1958 Level Haulage

Bearing East Vert. Angle + 2° Collar Elev. 5004

Collar Coordinates N. 4876 E. 5301 End Elev. 5005.8

From	To	Description				
0.0	5.1	T.	Altered zone.	Trace scheelite.		
5.1	10.2	"	"	"	"	
10.2	15.3	"	"	"	"	
15.3	20.4	T.	Quartz.	Trace scheelite.		
20.4	25.5	T.	Trace scheelite.			
25.5	30.6	T.	Small amount	scheelite.		Assay
30.6	35.7	"	"	"	"	"
35.7	40.8	"	"	"	"	"
40.8	45.9	"	"	"	"	"
45.9	51.0	"	"	"	"	"

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED AUG 29 1958 DMEA

Month of July, 1958 Docket No. DMEA 4014 Contract No. IDE 1126
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1621 E. 79th St., Los Angeles 47, California CaWO4 - Scheelite
Contract Amount, $ 70,000.00 Government Participation: 70 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM 8/25/58: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:	(Fixed Unit Cost)					
Drilling Longhole		368.50	368.50			
Bulldozing						
Crosscutting		28,350.00	28,350.00			
Drifting	1933.50	6,016.50	7,950.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	60.00	306.00	366.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1993.50	35,034.00	37,027.50			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 8/11/58 *Payee Ralph E. Shupe

✓ Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1495.12

Signature [illegible] (Authorized Certifying Officer)

Date AUG 14 1958 Vou. No. SF-DMEA-12

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Im-E1125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date Aug. 11, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Dickey Title Executive Officer Date Aug. 11, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1958 Docket No. DMEA 4014 Contract No. Idaho 1125

Operator's Name Ralph E. Chupa Minerals Tungsten

Address 1521 E. 79th St., Los Angeles 47, California CA-04 - Scheelite

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Ft.	1933.50	61.4	7,950.00	252.4	31.50	252.4	7,950.00
Crosscutting	Ft.			28,350.00	900	31.50	1800	56,700.00
Timbering	Ft.	60.00	10	366.00	61	6.00	450	2,700.00
Shafts								
Winzes								
Drilling: Core Longhole	Ft.			358.50	239	1.50	2000	3,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1			3.00	1	3.00	110	330.00
TOTAL DISTRIBUTED COSTS		1993.50		37,027.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1993.50		37,027.50				70,680.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 8/11/58 Operator Ralph E. Chupa

Per Ralph E. Chupa Title Operator

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only) B. A. Strahan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
JULY, 1958

D.M.E.A. Contract No. Idm-E-1125

Work for the month has been confined to a lateral from the main drift. This is the same heading described last month as being advanced 76 feet from a point 612 feet from the point of beginning and is designated as the 801 drift. This heading was advanced 124 feet northerly to the granite contact and then an additional 31 feet of drifting was completed along the contact in a northeasterly direction for a total new advance of 79 feet.

Some scheelite is present in two places near the contact. One sample was taken in the cross-cut along the granite contact for a length of 3 feet. The scheelite is present in the bottom of the cross-cut. No assay has been received to date for this sample.

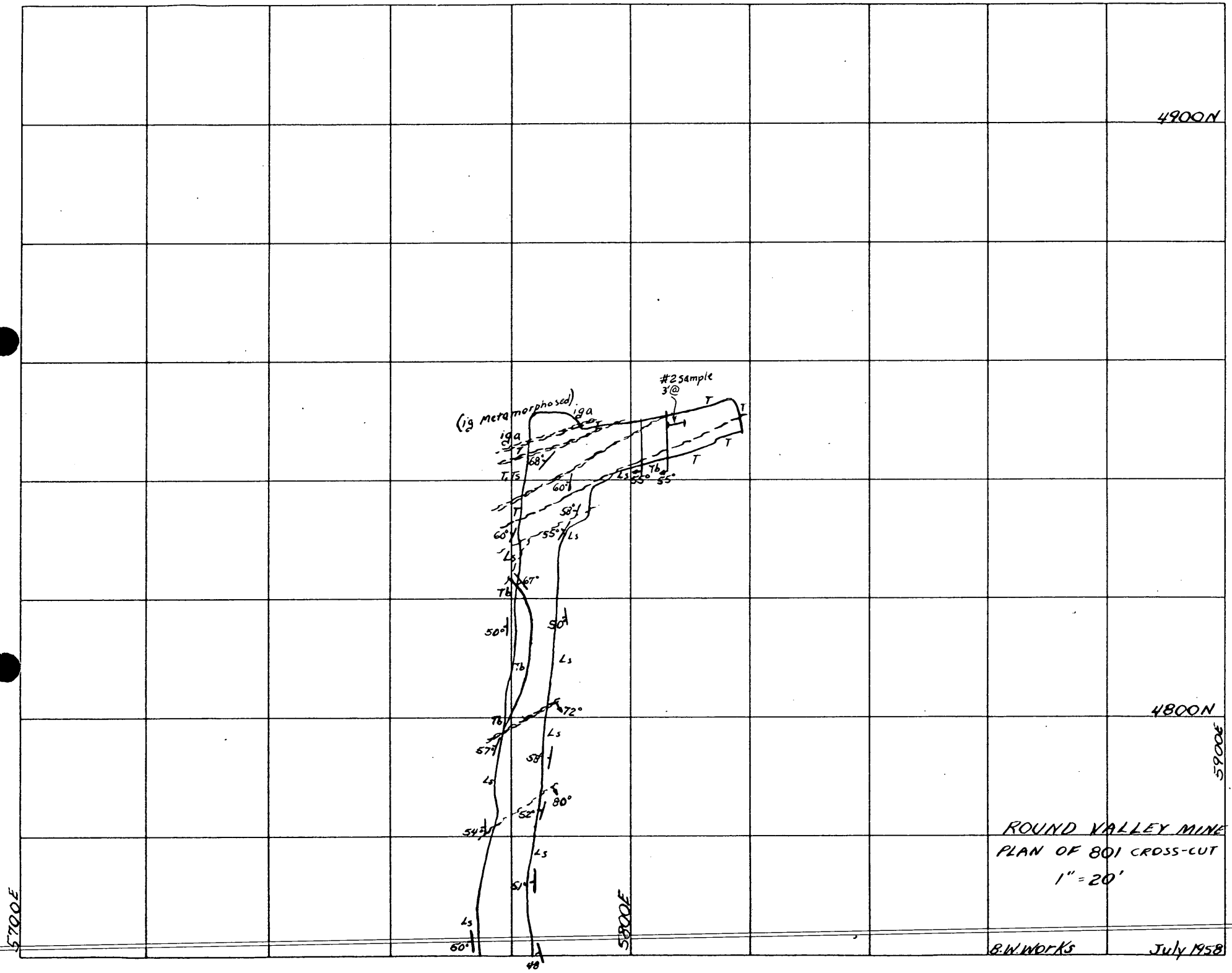
Two sets of timber were placed in the main adit during the month. These are at 5583 E. and 5625 E. coordinate.

A long hole is planned to explore along the contact from the 801 drift toward the southwest. A diamond drill hole is planned to explore to the east from the face at 5820 E. It is also planned to collar a diamond drill hole near 5300 E. in the main adit and drill in a direction of N 58° E to explore a favorable zone closer to the granite contact.

Respectfully submitted,

Byron W. Works

Byron W. Works
Geologist



ROUND VALLEY MINE
PLAN OF 801 CROSS-CUT
1" = 20'

B.W. Works

July 1958

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 22 1958

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED

Month of June, 1958 Docket No. DMEA [illegible] Contract No. 16m - X-1188
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1581 N. 76th St., Los Angeles 47, California CA204 - Scheelite
Contract Amount, $ 70,000.00 Government Participation: 75 % Amount, $ 65,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) [redacted] Short Form } Contracts:	(Fixed Unit Cost)					
Drilling - Longhole		300.00	300.00			
Bulldozing						
Crosscutting	4551.00	24,129.00	28,680.00			
Drifting	6016.50		6,016.50			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	120.00	186.00	306.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	10567.50	24,678.50	35,054.00			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 7, 1958 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 7768.12

Signature [illegible]
(Authorized Certifying Officer)

Date JUL 17 1958 Vou. No. SF-DMEA-1

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Id n-E 1125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date July 8, 1958

B. H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date July 8, 1958

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 74th St., Los Angeles 47, California CaWO4 - Scheelite

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	[illegible]	101	[illegible]	101	31.80	[illegible]	[illegible]
Crosscutting	Ft.	[illegible]	[illegible]	[illegible]	950	31.80	[illegible]	[illegible]
Timbering	Ft.	180.00	80	[illegible]	81	6.00	[illegible]	[illegible]
Shafts								
Winzes								
Drilling: Longhole	Ft.			[illegible]	[illegible]	1.60	[illegible]	[illegible]
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1			[illegible]	1	[illegible]	110	[illegible]
Total Distributed Costs		[illegible]		[illegible]				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		[illegible]		[illegible]				[illegible]

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date July 7, 1953 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

NOTE.—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.

Remarks:

(Instructions on reverse)

(For Government use only) [illegible], Mining Engineer

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
JUNE, 1958

D.M.E.A. Contract No. Idm-E-1125

The exploration adit was advanced 159.4' during the month for a total distance of 925.4 feet from the point of beginning. This advance was in a dark, silicated limestone and a gray colored, fine grained hornfels which does not readily exhibit bedding planes. The last 15 feet of advance was in the main granite body which apparently has been faulted toward the southeast.

A cross-cut was advanced 160 feet N 46° 16' E from a point 738 feet from the point of beginning. The first part of this cross-cut encountered bedded tactite and then black colored, silicated limestone. The last 63 feet is in the main granite body which bounds the mine to the north.

A second cross-cut is being driven northerly toward the granite contact from a point 612 feet from the point of beginning. Most of the rock encountered is thinly bedded silicated limestone. The advance here is 76 feet.

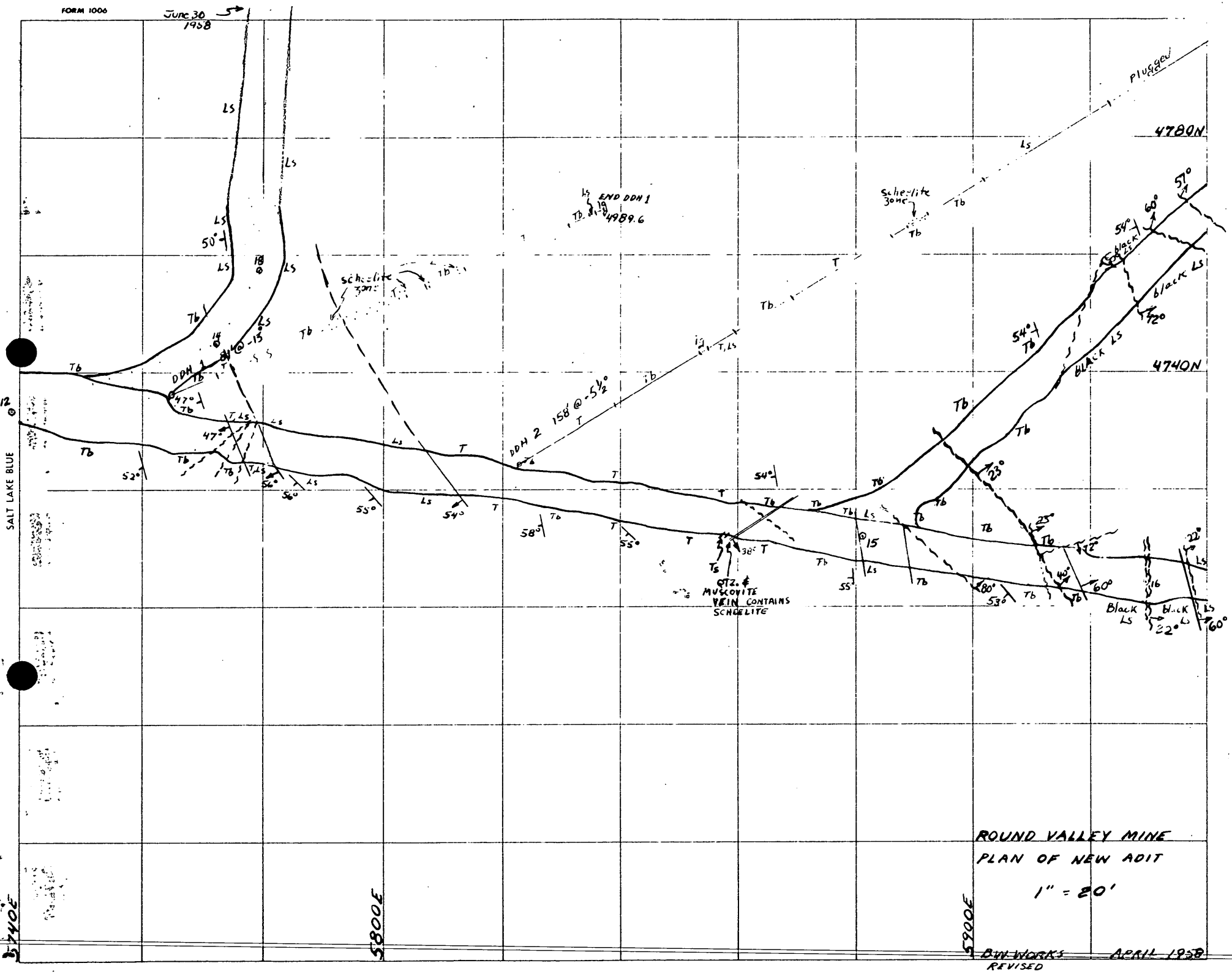
Four sets of timber were placed in the main adit for a total of 20 linear feet at 398 feet from point of beginning to 418 feet past the point of beginning.

Plans are to continue the cross-cut to the granite contact.

No new deposits of scheelite have been encountered.

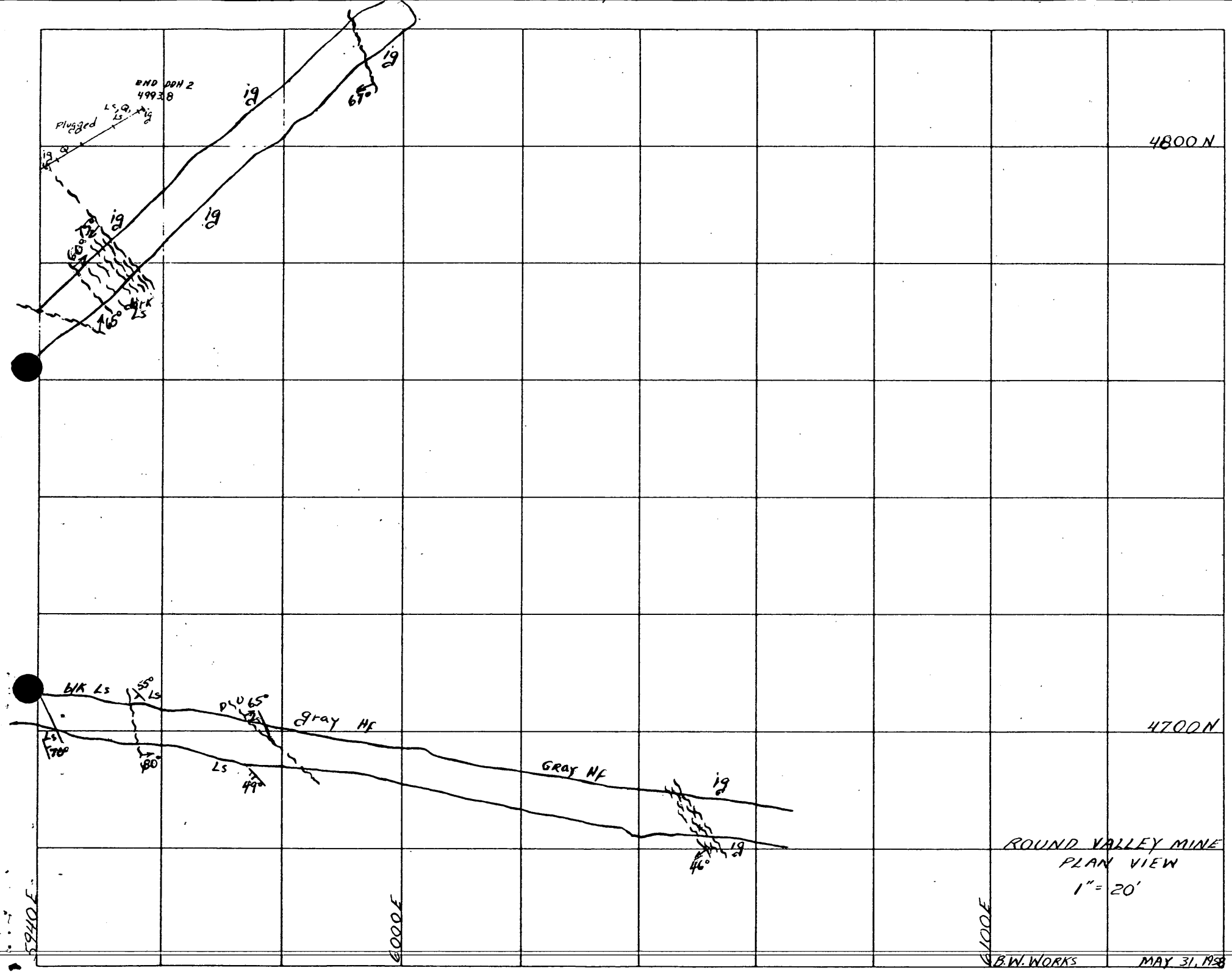
Respectfully submitted,

Byron W. Works


FORM 1006
June 30 1958
4780N
4740N
SALT LAKE BLUE
5740E
5800E
5900E
END DDH 1
4989.6
DDH 2 158' @ -5½°
DDH 1
Scheelite zone
Scheelite zone
Plugged
Black LS
QTZ. & MUSCOVITE VEIN CONTAINS SCHEELITE
ROUND VALLEY MINE
PLAN OF NEW ADIT
1" = 20'
BW WORKS
REVISED
APRIL 1958

EXTRA COPY
DMEA
RECEIVED JUL 23 1958

DATE	INITIALS	CODE


END DDH 2
499.38
Plugged
ig
65°
60°
65°
B/K
Ls
55°
Ls
65°
gray Hf
Ls
70°
80°
Ls
49°
Gray Hf
46°
4800 N
4700 N
5940 E
6000 E
6100 E
ROUND VALLEY MINE
PLAN VIEW
1" = 20'
B.W. WORKS
MAY 31, 1958

EXTRA COPY
D M E A
RECEIVED JUL 23 1958

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUN 19 1958 DMEA

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1958 Docket No. DMEA 4614 Contract No. Idm-B 1126
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1521 W. 79th St., Los Angeles 47, California Ore - Scheelite
Contract Amount, $ 70,680.00 Government Participation: 75 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Expenditures~~ Short Form Contracts:	(Fixed Unit Cost)					
Drilling - Longhole	358.50	-	358.50			
Bulldozing						
Crosscutting	504.00	23,625.00	24,129.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		186.00	186.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	862.50	23,814.00	24,676.50			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date June 9, 1958 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 646 88

Signature [illegible] Authorized Certifying Officer
(Authorized Certifying Officer)

Date JUN 16 1958 Vou. No. SF-DMEA-30

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ..... in accordance with the terms of the contract.

Signature ..... Title Mining Engineer Date June 10, 1958

Hoxt B. H. Sheehan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title Executive Officer Date June 10, 1958

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUN 9 1958 D.M.E.A.

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1958 Docket No. DMEA 4614 Contract No. Idm-R 1125

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 E. 79th St., Los Angeles 47, California CAR04 - Scheelite

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Ft.	504.00	~~18~~ 16	24,129.00	766	31.50	1800	56,700.00
~~Rooms~~ Timbering	Ft.			186.00	31	6.00	450	2,700.00
Shafts								
Winzes	Ft.					72.00	100	7,200.00
Drilling: ~~Down~~ Longhole	Ft.	358.50	239	358.50	239	1.50	2500	3,750.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
~~Sampling & Assaying~~	1			3.00	1	3.00	110	330.00
TOTAL DISTRIBUTED COSTS		862.50		24,676.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		862.50		24,676.50				70,580.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date June 9, 1958 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only)

John H. Warne

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
MAY, 1958

D.M.E.A. Contract No. Idm-E-1125

The exploration adit was advanced 16 feet during the month for a total of 766 feet from the point of beginning.

Two diamond drill holes were completed during the first part of the month. These were collared in the exploration adit and drilled northeasterly toward the granite contact at approximately 60° angle to the bedding planes. The first of these holes encountered few scheelite crystals in the interval 28.5' to 52'. The second hole showed some scheelite from 77' to 81'. The first hole appears to have stopped in a granite dike instead of the main contact. The second hole bottomed in the main granite body to the north. Logs of these holes accompany this report.

The adit was advanced in banded tactite with no scheelite present. It is planned to drive this heading along on a bearing of S 81° E during June.

Diamond drill holes were used to explore the ground to the north from the adit because it was felt, and subsequently proven, long holing would not give the necessary information for reasons stated in last month's report.

May, 1958 - Narrative

Respectfully submitted,
Byron W. Works
Byron W. Works

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 1

Size Hole AX

Level Main Haulage

Bearing N66½°E Vert. Angle -13° Length 81' Date Began 5-2-58 Finished 5-8-58

Collar Elev. 5007.8 End Elev. 4989.6 Collar Coordinates N. 4736.2 E. 5764.7 End Coordinates N. 4767.7 E. 5837.1

From	To	Ft. Core	Description
0.0	76.0	63.4	Banded tactite. Banding obscure at 8' to 11'; 31' to 46'; 53' to 72'. Few crystals scheelite at 28.5' to 31'; 32.8'; 34'; 36' to 37'; 39.5'; 39.8' to 42.5'; 46'; 52'. Core angle 60° at 2'; 70° at 20'; 65° at 48'; 68° at 53'; 68° at 75'. Quartz at 27.5' to 27.7'. Broken core at 15' to 16'; 17' to 18'; 27.5' to 27.8'; 31.5' to 32'; 53' to 74'; 76' to 80'.
76.0	77.0	0.9	Silicated limestone. Gray color. Broken core.
77.0	81.0 (end)	2.8	Granite. Broken core except at 79' to 80'.
	Total	67.1	

% Recovery ---82.8

DIAMOND DRILL HOLE LOG
Round Valley Mine

Hole No. 2

Size Hole AX 0'-92'; EX 92'-158'

Level Main haulage

Bearing N58½°E Vert. Angle -5½° Length 158' Date Began 5-9-58 Finished 5-17-58

Collar Elev. 5008.9 End Elev. 4993.8

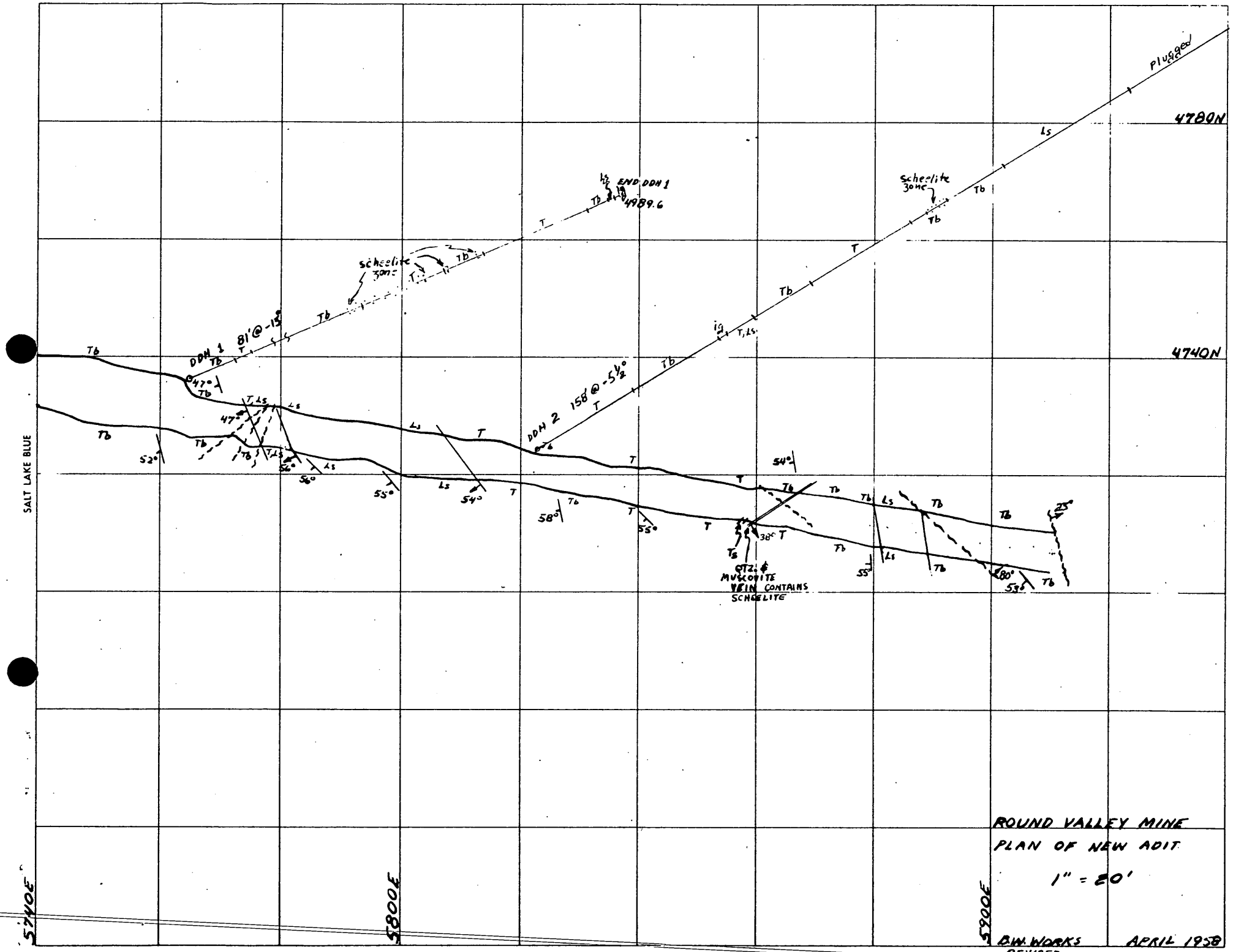
Collar Coordinates N. 4724.2 E. 5822.8

End Coordinates N. 4806.4 E. 5956.9

From	To	Ft. Core	Description
0.0	36.0	33.0	Tactite. Shows good banding at 19' to 36'. Core Angle 55° at 20'; 60° at 35'. Broken core at 0' to 11'; 30' to 32'; 35' to 36'.
36.0	37.5	1.4	Granite. Broken at 37' to 37.5'.
37.5'	42.8	5.3	Banded tactite and some gray silicated limestone.
42.8	92.0	41.0	Banded tactite. Banding obscure at 54' to 74'. Few crystals scheelite at 77' to 81'. Broken at 54' to 61'; 80' to 100'. Core angle 60° at 82'.
92.0	117.0	14.7	Dark gray to light gray silicated limestone. Small and infrequent bands of tactite 92' to 100'. Broken core. Core angle 40° at 95'; 60° at 112'.
117.0	139.0	-	Plug bit used. No core recovered.
139.0	141.2	1.7	Granite. Fairly fine grained, very little ferro-mags.
141.2	146.0	1.0	Quartz and muscovite. Some copper stain - (chrysocolla). This mineral is commonly found along the main granite - metamorphic contact.
146.0	152.0	-	Plug bit used. No core recovered.
152.0	157.0	0.6	Gray, silicated limestone, quartz, and granite. Badly broken.
157.0	158.0 (end)	0.4	Granite. Small amount iron oxides.
	Total	99.1	

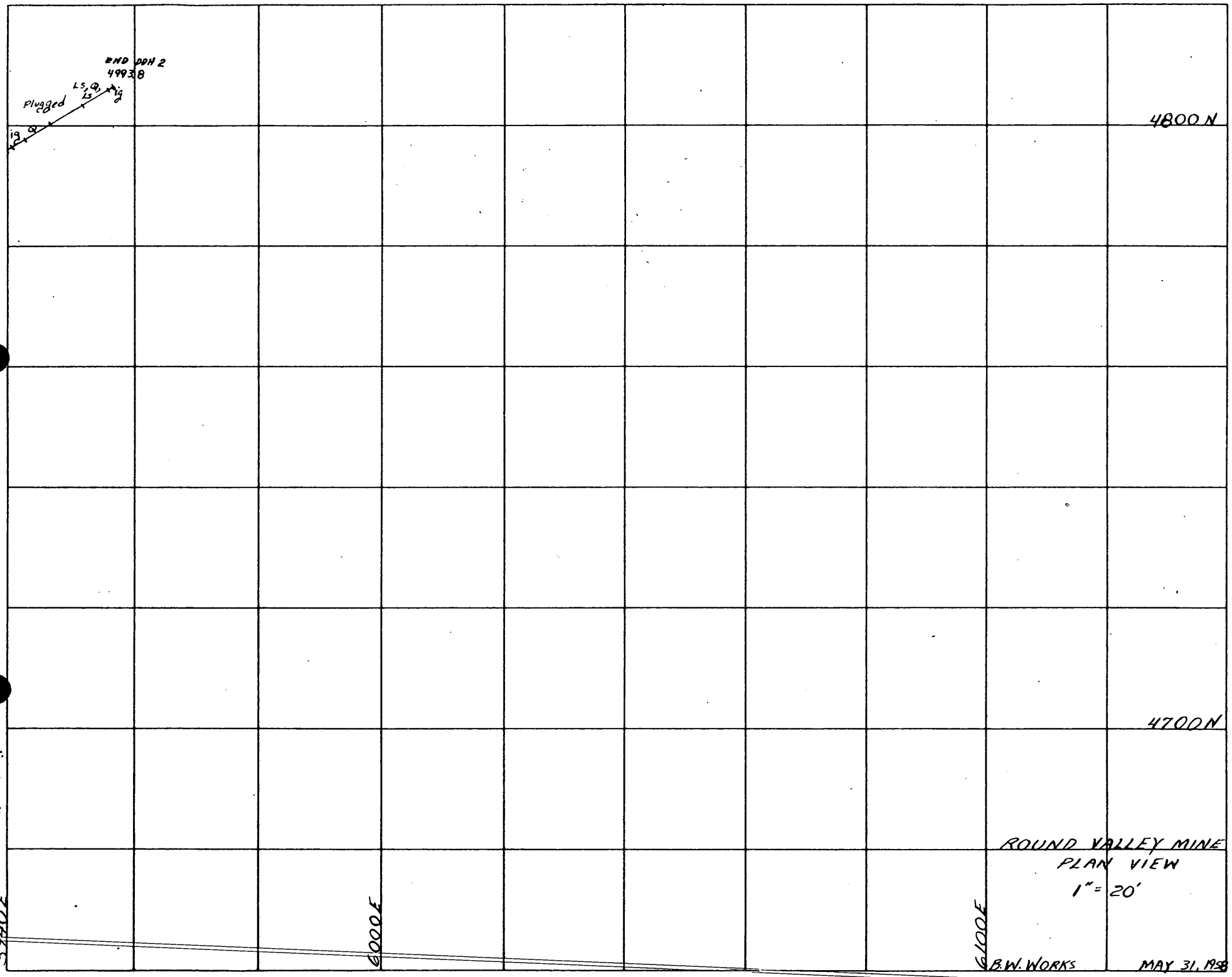
%Recovery -- 62.8

FORM 1006


4780N
4740N
5740E
5800E
5900E
SALT LAKE BLUE
Plugged
END DDH 1
4989.6
scheelite zone
scheelite zone
DDH 1 81'@-15°
DDH 2 158'@-5½°
QTZ. & MUSCOVITE VEIN CONTAINS SCHEELITE
Tb
T
Ls
ig
T,Ls
47°
52°
56°
55°
54°
58°
38°
80°
25°
ROUND VALLEY MINE
PLAN OF NEW ADIT
1" = 20'
BW WORKS
REVISED
APRIL 1958

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 19 1958

DATE	[illegible]	[illegible]


BND DDH 2
4993.8
Plugged
LS, Q, LS
ig
ig Q
4800 N
4700 N
5900 E
6000 E
6100 E
ROUND VALLEY MINE
PLAN VIEW
1" = 20'
B.W. WORKS
MAY 31, 1988

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April 1958 Docket No. DMEA 4314 Contract No. IGs-3 1125
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1521 W. 79th. St., Los Angeles 47, California Camp - Scheelite
Contract Amount, $ 70,680.00 Government Participation: 75 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	(Fixed Unit Cost)					
Drilling						
Bulldozing						
Crosscutting	6300.00	17,325.00	23,625.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	186.00		186.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6486.00	17,328.00	23,814.00			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date May 3, 1958 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4864.50

Frances S. Morton
Authorized Certifying Officer

Signature
(Authorized Certifying Officer)

Date 2 1958 Vou. No. SF-DMEA-27

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE 1125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date 5/1/58

B. H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 5/1/58

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1958 Docket No. DMEA 4614 Contract No. Ida-[illegible] 1125

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 79th. St., Los Angeles 47, California CaWO4 - Scheelite

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Ft	6300.00	200	23,625.00	750	31.50	1800	56,700.00
Timbering	Ft	186.00	31	186.00	31	6.00	450	2,700.00
Raising								
Shafts								
Winzes	Ft					72.00	100	7,200.00
Drilling: ~~Core~~ Longhole	Ft					1.50	2500	3,750.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1			3.00	1	3.00	110	330.00
TOTAL DISTRIBUTED COSTS		6486.00	-	23,814.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6486.00		23,814.00				70,680.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date May 1, 1958 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

→ NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only) B. H. Shakun, Mining Engineer

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

OPERATOR'S MONTHLY REPORT
for
APRIL, 1958

D.M.E.A. Contract No. Idm-E-1125

The exploration adit has been advanced 200 feet during the month of April for a total of 750 feet from the point of beginning. 31 feet of timber was placed in the adit near the granite dike and the basic dike.

Most of the rock encountered is tactite. Silicated limestone was cut for a distance of 30 feet beginning at a point 642 feet from the point of beginning.

A small amount of scheelite is present on the right (south) rib at 720 feet in from the point of beginning. It is located near a small vein of quartz and muscovite.

The sizeable tactite zones cut this month should be explored toward the granite to the north. It is believed this could best be done with diamond drilling instead of long holing. The other tactite zones encountered to date could also be explored by diamond drilling. A long hole (1) may not be able to reach far enough, (2) may not be able to continue through shattered silicated limestone, (3) may lose the return water and cuttings in fracture zones. The other alternative is to drive a drift in the tactite toward the granite and then drill east and west.

Respectfully submitted,

Byron W. Works

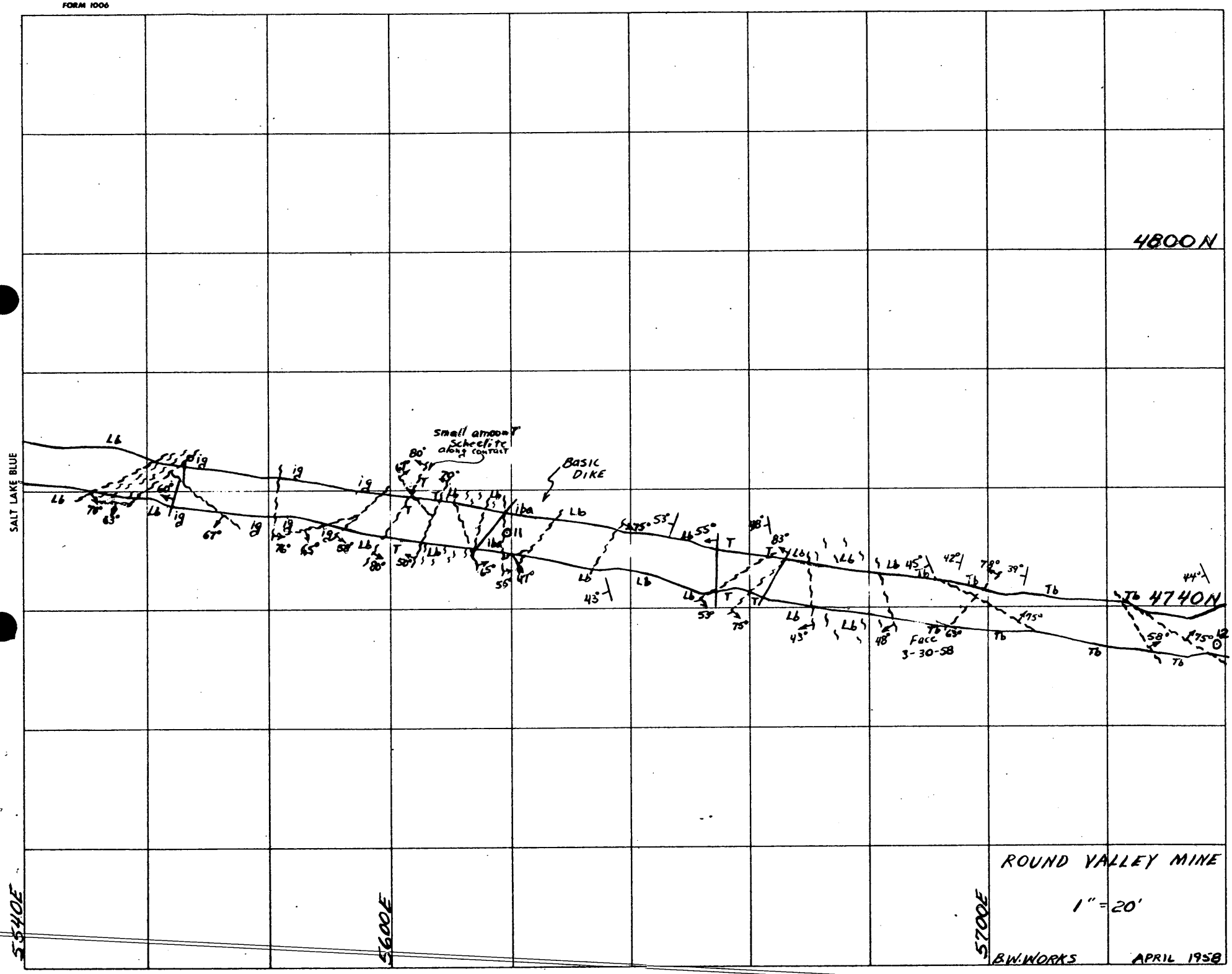
Byron W. Works

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
RECEIVED

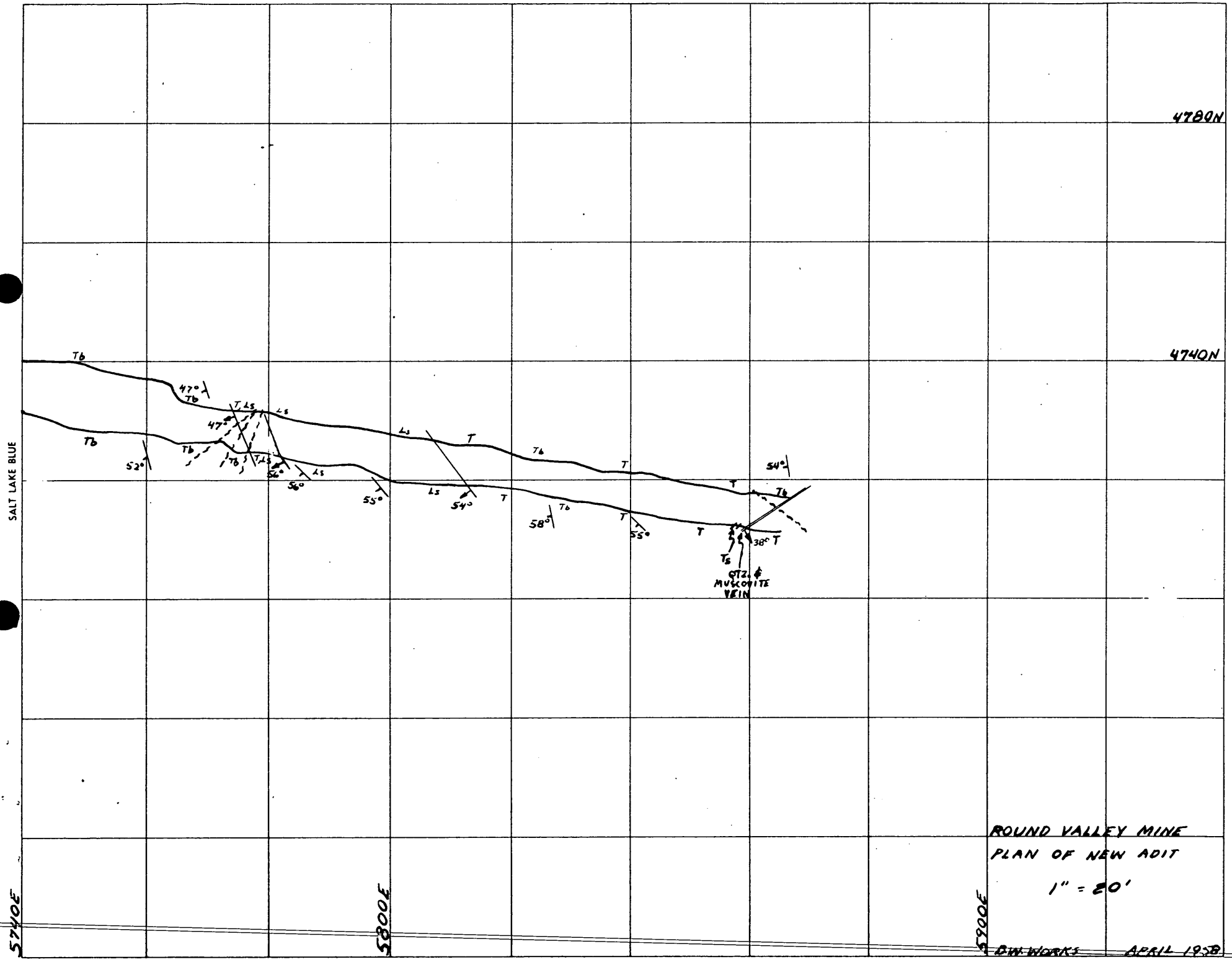
1958 MAY 13 AM 10:20

RENO, NEVADA

FORM 1006


4800N
4740N
SALT LAKE BLUE
Small amount of Scheelite along contact
BASIC DIKE
Face 3-30-58
5540E
5600E
5700E
ROUND VALLEY MINE
1" = 20'
B.W. WORKS
APRIL 1958

FORM 1006


4780N
4740N
SALT LAKE BLUE
5740E
5800E
5900E
Tb
47°
Tb
T, Ls
Ls
47°
Tb
52°
Tb
Tb
T, Ls
56°
56°
Ls
55°
Ls
54°
T
Tb
T
58°
Tb
T
55°
T
54°
T
Tb
38°
T
Ts
QTZ. & MUSCOVITE VEIN
ROUND VALLEY MINE
PLAN OF NEW ADIT
1" = 20'
DW WORKS
APRIL 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Memorandum Date:

1605 Evans Avenue
Reno, Nevada

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject report (s) received from the Operator as listed below. These report (s) have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
DMEA-4614 Idm-E 1125	Ralph E. Shupe	4/9/58	March, 1958
DMEA-4795 Idm-E 1158	Tungsten Mountain Mining Company	4/4/58	March, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED APR 14 1958

DATE	INITIALS	CODE
4/15	C	220
"	FJ	110
	WSM	400

S. Ricker 2-104 + 104 aa

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attach.

cc: Regional Office, Region II
R. M. Smith
File

Form MF-104 (Rev.)
(April, 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1958 Docket No. DMEA 4614 Contract No. Idn-E 1125
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1521 W. 79th St., Los Angeles 47, California CAS04 - Scheelite
Contract Amount, $ 70,680.00 Government Participation: 75 % Amount, $53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Exploration~~ Short Form } Contracts:	(Fixed Unit Cost)					
Drilling						
Bulldozing						
Crosscutting	5827.50	11,497.50	17,325.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5827.50	11,497.50	17,328.00			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date April 2, 1958 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4370.62

Signature [illegible] (Authorized Certifying Officer)

Date Vou. No. SF-DMEA-23

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E 1125 in accordance with the terms of the contract.

Signature B. F. Shahan Title Mining Engineer Date 4/7/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 4/7/58

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;.

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 8 Docket No. DMEA 4614 Contract No. Idm-E 1125

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 79th St., Los Angeles 47, California CaWO4 - Scheelite

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	5827.50	185	17325.00	550	31.50	1800	56,700.00
Crosscutting ~~xxxxx Timbering~~	Ft.					6.00	450	2,700.00
Raising								
Shafts	Ft.					72.00	100	7,200.00
Winzes ~~xxxx Longhole~~	Ft.					1.50	2500	3,750.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
~~Sampling & Assaying~~	1			3.00	1	3.00	110	330.00
Total Distributed Costs		5827.50	185	17328.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		5827.50		17,328.00				70,680.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date April 2, 1958 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

NOTE.—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.

Remarks:

(Instructions on reverse)

(For Government use only) B. A. Shahan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

March 31, 1958

Operator's Monthly Report

Narrative
for
D.M.E.A. Contract No. Idm-E 1125

Period March 1, 1958
to
March 31, 1958

The adit was advanced 185 feet during the month of March making the total distance from the point of beginning 550 feet.

Most of the rock encountered has been black colored, silicated limestone. A granite dike was cut for a distance of 33 feet and a basic dike was encountered for 8 feet. The ground between these two dikes as well as to the west of the granite dike is badly fractured. Two bands of tactite were cut by the adit. The first of these is about 5 feet wide and is found between the granite dike and the basic dike. A small amount af scheelite is present in this tactite along the western contact. This is not ore; it lamps like it would assay approximately 0.1 % WO3 or less. The other band of tactite is closer to the present face and is about 11 feet thick. This zone appears to be increasing in width toward the north.

A double track was laid to switch cars at a point approximately 335 feet from the point of beginning. This takes the place of the stub drift mentioned in the report for February.

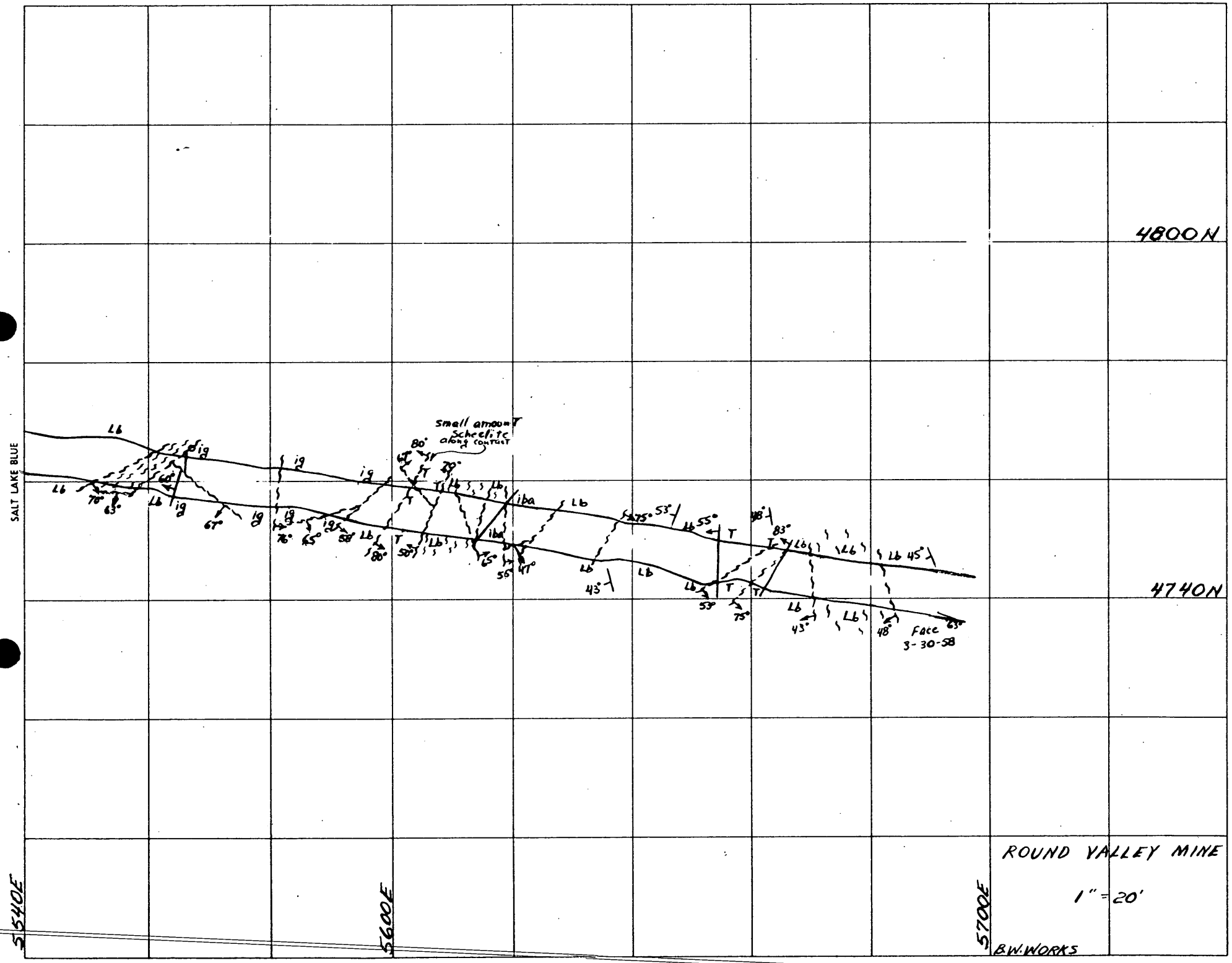
Some timber will be installed between the granite dike and the basic dike.

Respectfully submitted,

Byron W. Works

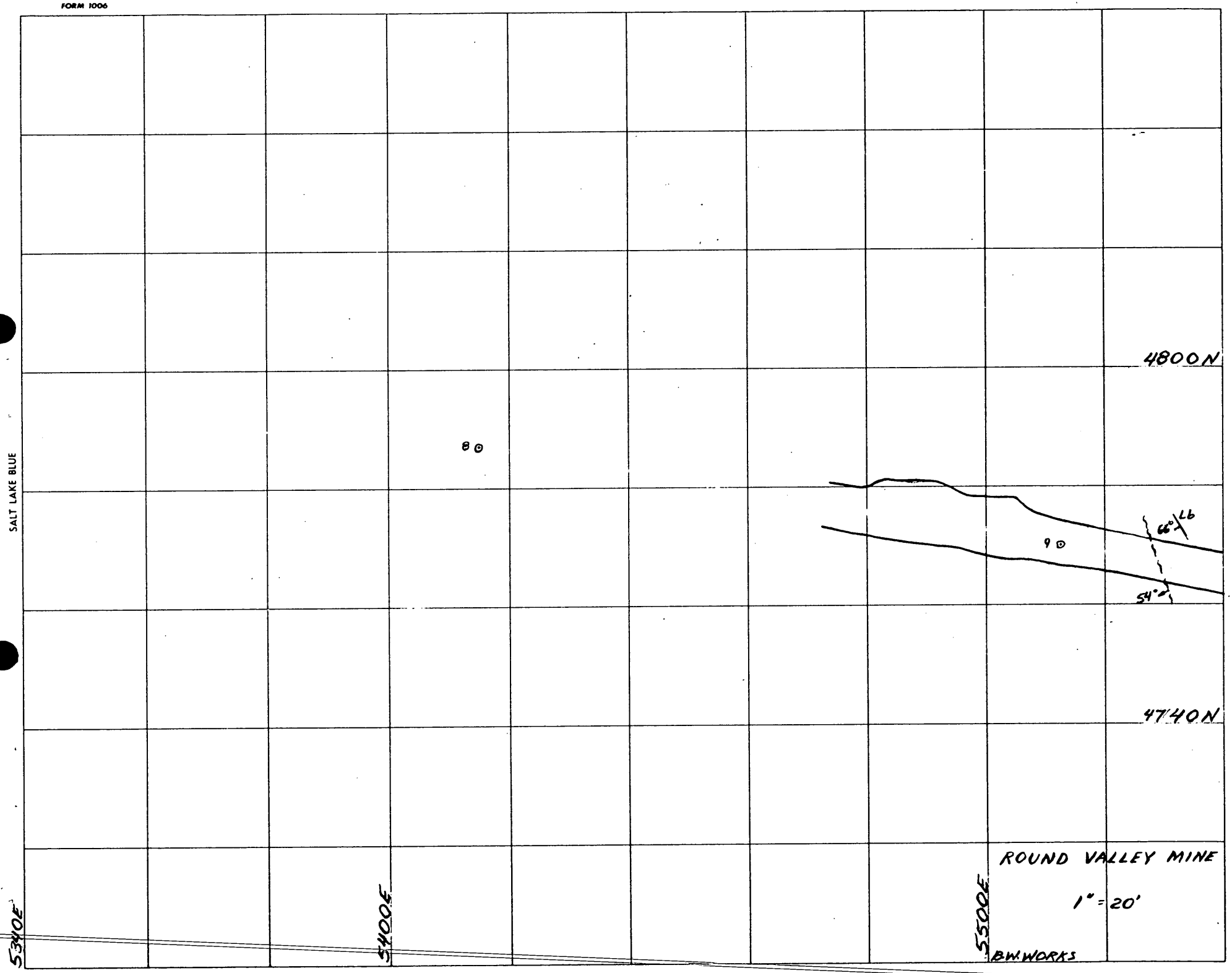
Byron W. Works, Geologist

FORM 1006


4800N
4740N
SALT LAKE BLUE
5540E
5600E
5700E
Small amount Scheelite along contact
Face 3-30-58
ROUND VALLEY MINE
1" = 20'
B.W. WORKS

FORM 1006

SALT LAKE BLUE



DONALD A. SADA
PUBLIC ACCOUNTANT
720 NORTH VIRGINIA ST.
RENO, NEVADA

Suite 2
720 N. Virginia St.

April 2, 1958

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
U. S. Department of the Interior
1605 Evans Avenue
Reno, Nevada

Re: RALPH E. SHUPE
Docket No. DMEA 4614 (Tungsten)

Dear Mr. Ricker:

We enclose herewith the original and four copies of subject Operator's Reports as follows:

(a) MF-104, Operator's Monthly Report & Voucher.

(b) MF-104A. Operator's Unit Cost & Progress Report.

(c) Narrative, Prepared by Mr. Byron W. Works, Geologist.

The above reports cover the month of March, 1958, and constitute the Fifth Report due to be submitted on subject Project.

Sincerely yours,

D. A. SADA

DAS:ss
Encls.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED MAR 17 1958 DMEA

MAR - 6 1958

Month of February, 1958 Docket No. DMEA 461A Contract No. Ida-E 1125
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1521 W. 79th St., Los Angeles 47, California CAS No. - Scheelite
Contract Amount, $ 70,680.00 Government Participation: 75 % Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Contracts: Short Form						
Drilling						
Bulldozing						
Crosscutting	5512.50	5,985.00	11,497.50			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5512.50	5,988.00	11,500.50			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date March 5, 1958 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4134.38

Signature
(Authorized Certifying Officer)

Date Vou. No. SF-DMEA-19

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E1125 accordance with the terms of the contract.

Signature Benjamin H. Sheahan Title Mining Engineer Date 3/5/58

Benjamin H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date 3/5/58

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED MAR 13 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1958 Docket No. DMEA 4614 Contract No. Idm-E 1125

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 79th St., Los Angeles 47, California CAS04 - Scheelite

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	Ft.	5512.50	175	11,497.50	365	31.50	1800	56,700.00
~~xxxx~~ Timbering	Ft.					6.00	450	2,700.00
Raising								
Shafts								
Winzes	Ft.					72.00	100	7,200.00
Drilling: ~~xxx~~ Longhole	Ft.					1.50	2500	3,750.00
Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1			3.00	1	3.00	110	330.00
Total Distributed Costs		5512.50	175	11,500.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		5512.50		11,500.50				70,680.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date March 5, 1958 Operator Ralph E. Shupe

Per Ralph E. Shupe Title Operator

→ NOTE.—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.

Remarks:

(Instructions on reverse)

(For Government use only) Benjamin F. Thielson, Mining Engineer

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

March 3, 1958

Operator's Monthly Report

Narrative
for
D.M.E.A. Contract No. Idm-E 1125

Period February 1, 1958
to
March 1, 1958

The adit was advanced 175 feet during the month of February. The total distance from the point of beginning is now 365 feet.

A switch and 14 feet of track were installed in the old drift intersected last month. This short section of track has served as a place to switch cars closer to the working face. Another place for switching cars is now being prepared near the present face. This will be a short stub drift driven northerly from the new adit approximately 335 feet from the point of beginning and will be designated the 500 north drift for reference.

Tactite showing original bedding was encountered to a point 293 feet from the point of beginning. The strike of these metamorphics is approximately north, and the dip has increased from approximately 50 degrees westerly to 60 degrees westerly. In approximately 7 feet horizontally, this tactite grades into a bedded, silicated, generally black colored impure limestone. In general, these beds strike slightly east of north and dip northwesterly at approximately 60 degrees. Several faults roughly parallel to those previously mapped along the adit were encountered. Most of these faults show very little displacement.

It will be necessary to install some timber in the adit, especially in that area from which the 500 north drift is begun.

Plans call for the continuation of the exploration adit on a bearing of S 81° E.

Respectfully submitted,

Byron W. Works

Byron W. Works, Geologist

FORM 1006

SALT LAKE BLUE

N

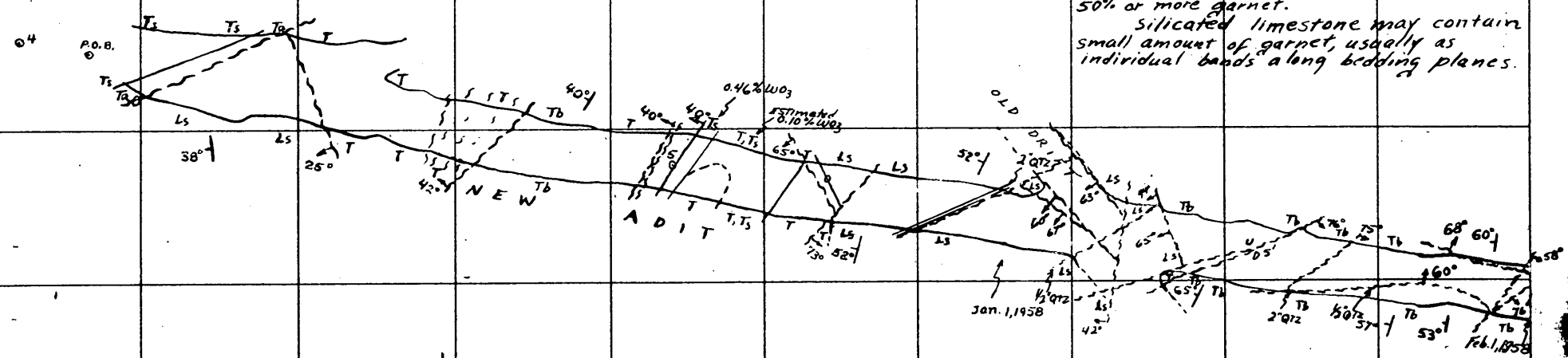
4900N

4840N

LEGEND

Ls = Silicated Limestone. Usually gray color.
Ts = Scheelite-bearing tactite contains at least 0.40% WO_3
T, Ts = Tactite containing less than 0.4% WO_3
T = Tactite - massive - no bedding apparent
Ta = Tactite - altered zone
Tb = Tactite - bedding apparent
ig = Granite
---- contact - exposed & inferred
60° Bedding
40°
80° Fault

NOTE: "Tactite" is considered to contain 50% or more garnet.
Silicated limestone may contain small amount of garnet, usually as individual bands along bedding planes.



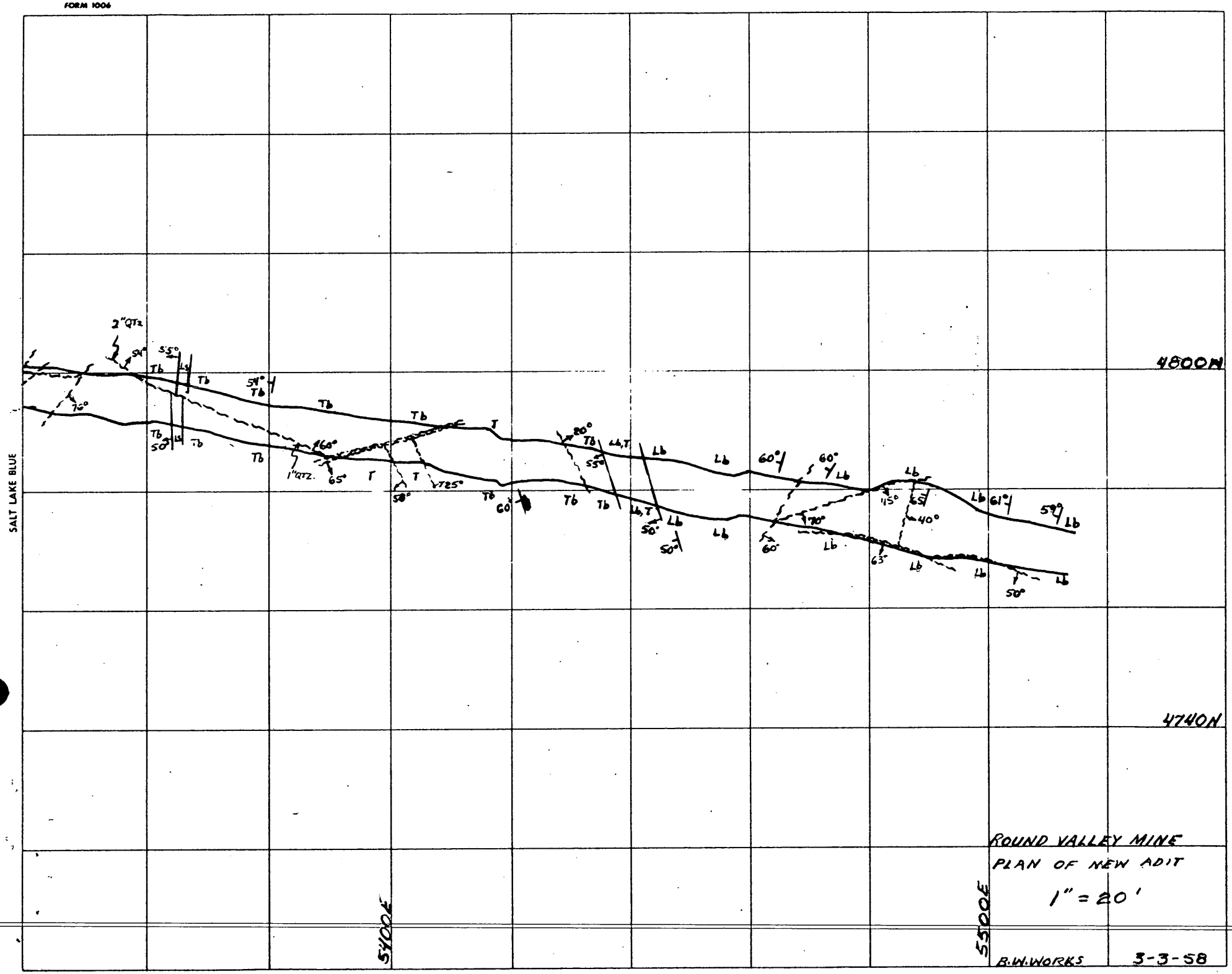
5140E

5200E

5300E

ROUND VALLEY MINE
1" = 20'
B.W. WORKS REVISED 3-3-58

FORM 1006


SALT LAKE BLUE
4800N
4740N
5400E
5500E
2" QTZ
1" QTZ.
Tb
Lb
T
ROUND VALLEY MINE
PLAN OF NEW ADIT
1" = 20'
B.W. WORKS
3-3-58

DONALD A. SADA
PUBLIC ACCOUNTANT
720 NORTH VIRGINIA ST.
RENO, NEVADA

COPY

Suite 2
720 North Virginia St.

March 3, 1958

Mr. Spangler Richer
Executive Officer
DMEA Field Team, Region II
U. S. Department of the Interior
1605 Evans Avenue
Reno, Nevada

Re: RALPH E. SHUPE
Docket No. DMEA 4614 (Tungsten)

Dear Mr. Richer:

We enclose herewith the original and four copies of subject Operator's Reports as follows:

(a) MF-104, Operator's Monthly Report & Voucher.

(b) MF-104A, Operator's Unit Cost & Progress Report.

(c) Narrative, Prepared by Mr. Byron W. Works, Geologist.

The above reports cover the month of February, 1958, and constitute the Fourth Report due to be submitted on subject Project.

Sincerely yours,

D. A. SADA

D. A. SADA

DAS:ss
Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Memorandum Date: Febr. 19, 1958 1605 Evans Avenue
Reno, Nevada

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject report (s) received from the Operator as listed below. These report (s) have been audited ~~and~~ passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
DMEA-4614 Idm-E 1125	Ralph E. Shupe	2/4/58	January, 1958
DMEA-4759 Idm-E 1158	Tungsten Mountain Mining Company	2/3/58	January, 1958
DMEA-4425 Idm-E 1083	John H. Uhalde	2/3/58	January, 1958
DMEA-4186 Idm-E 983	M. A. Shutz, Peter Saracco, & A. C. McLean	1/6/58	December, 1958

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DATE		CODE
2/21	C	220
"	SEP	110
	WSM	400

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attach.

cc: Regional Office, Region II
R. M. Smith
File

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 195 8 · Docket No. DMEA 1614 · Contract No. Idm-1125

Operator's Name Ralph R. Shupe · Minerals Tungsten

Address 1521 E. 79th St, Los Angeles 47, California · $CaWO_4$ - Scheelite

Contract Amount, $ 70,680.00 · Government Participation: 75 % · Amount, $ 53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:	(Fixed Unit Costs)					
Drilling						
Bulldozing						
Crosscutting	2205.00	3780.00	5985.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		3.00	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2205.00	3783.00	5988.00			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 2-4-58 *Payee Ralph R. Shupe

Per Ralph R. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1653 75

Signature [illegible] Certifying Officer
(Authorized Certifying Officer)

Date ..... Vou. No. .....
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E1125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date Febr. 5, 1958

B. H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date Febr. 5, 1958

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(*a*) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(*b*) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(*c*) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 195 8 Docket No. DMEA 4614 Contract No. Idr-B 1125

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 79th St, Los Angeles 47, California CaWO4 - Scheelite

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	Ft	2205.00	70	5985.00	190	31.50	1800	56700.00
~~Raising~~ Timbering	Ft					6.00	450	2700.00
Shafts								
Winzes	Ft					72.00	100	7200.00
Drilling: ~~Core~~ Longhole	Ft					1.50	2500	3750.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assaying	1			3.00	1	3.00	110	330.00
Total Distributed Costs		2205.00	70	5988.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2205.00		5988.00				70600.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 2-4-58 Operator Ralph E. Shupe

Per Ralph E Shupe Title Operator

NOTE.—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.

(Instructions on reverse)

Remarks: Fixed Unit Cost Contract

(For Government use only) B. H. Shahan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

Feb. 1, 1958

Operator's Monthly Report

Narrative
for
D.M.E.A. Contract No. Idm-E 1125

Period January 1, 1958
to
February 1, 1958

The adit was advanced 70 feet during the month of January. This is a total distance of 190 feet from the point of beginning.

One of the old drifts was intersected 130 feet from the point of beginning. This drift was driven from a shaft and is approximately 3 feet lower than the adit.

Gray colored, silicated limestone occasionally containing bedded bands of tactite was encountered to the intersected drift. The remainder of the rock has been tactite. "Tactite" is arbitrarily referred to as that rock containing 50% or more of garnet. A few small faults common in the area have also been crossed. A few crystals of scheelite were found in the face 170 feet past the point of beginning. The beds strike slightly east of north and dip on an average of nearly 60 degrees westerly.

A 25 foot cut-off tunnel was driven to do away with the back-switching necessary on the old track. This was begun 80 feet in from the portal and connected with the old adit again at a previous transfer raise to the surface.

The east rib of the adit was slabbed for a distance of 30 feet beginning at a point 47 feet in from the portal and extending to the beginning of the new cut-off. This was necessary to allow more room for the air motor. The air line was also changed to follow the new cut-off. 20 lb. rail is installed in the mine from the new cut-off to the present face.

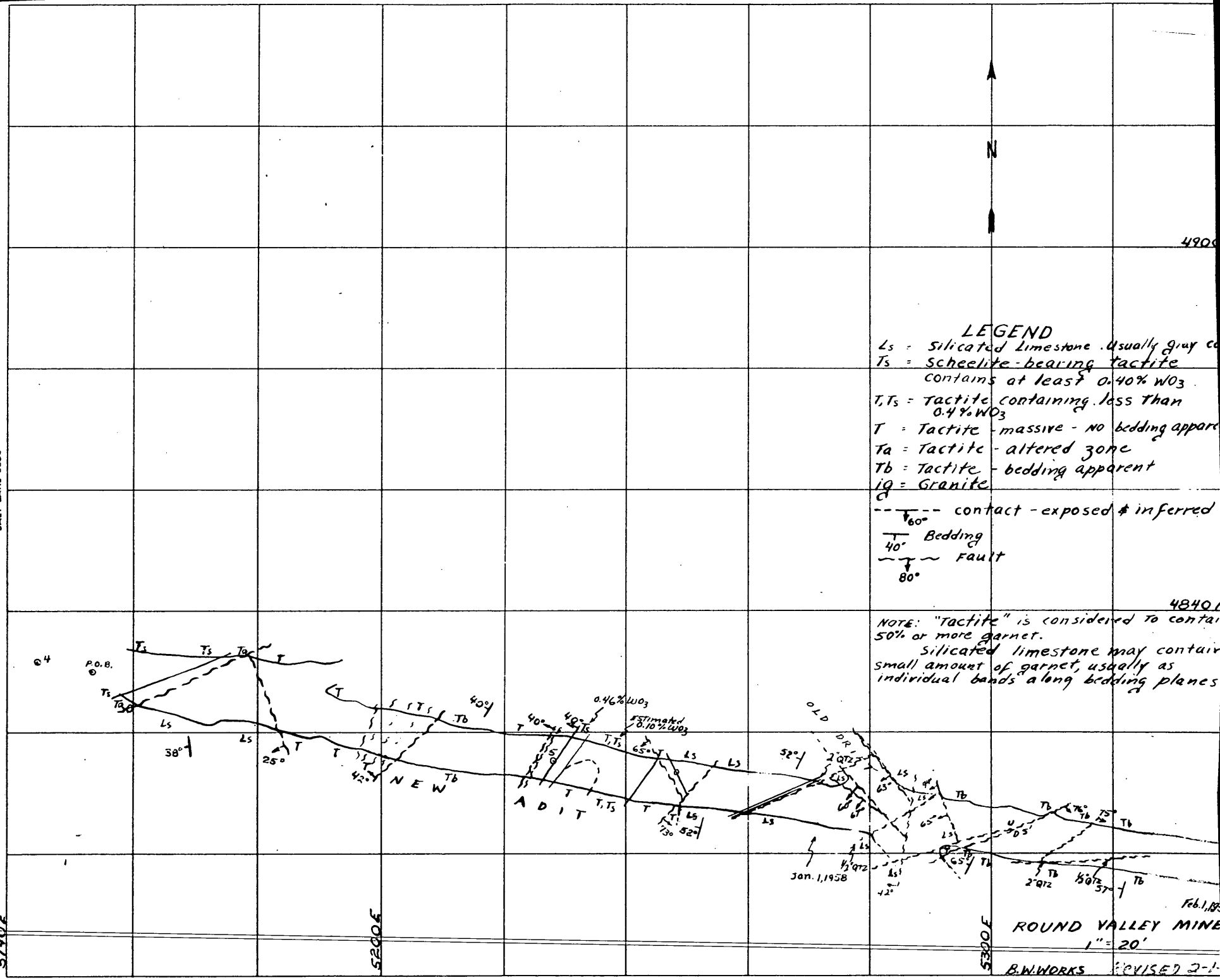
A small portable generator supplies electricity for the Wheat lamp charger and for lights recently strung along the haulage line.

Plans are to continue the adit on the prescribed bearing of S 81° E.

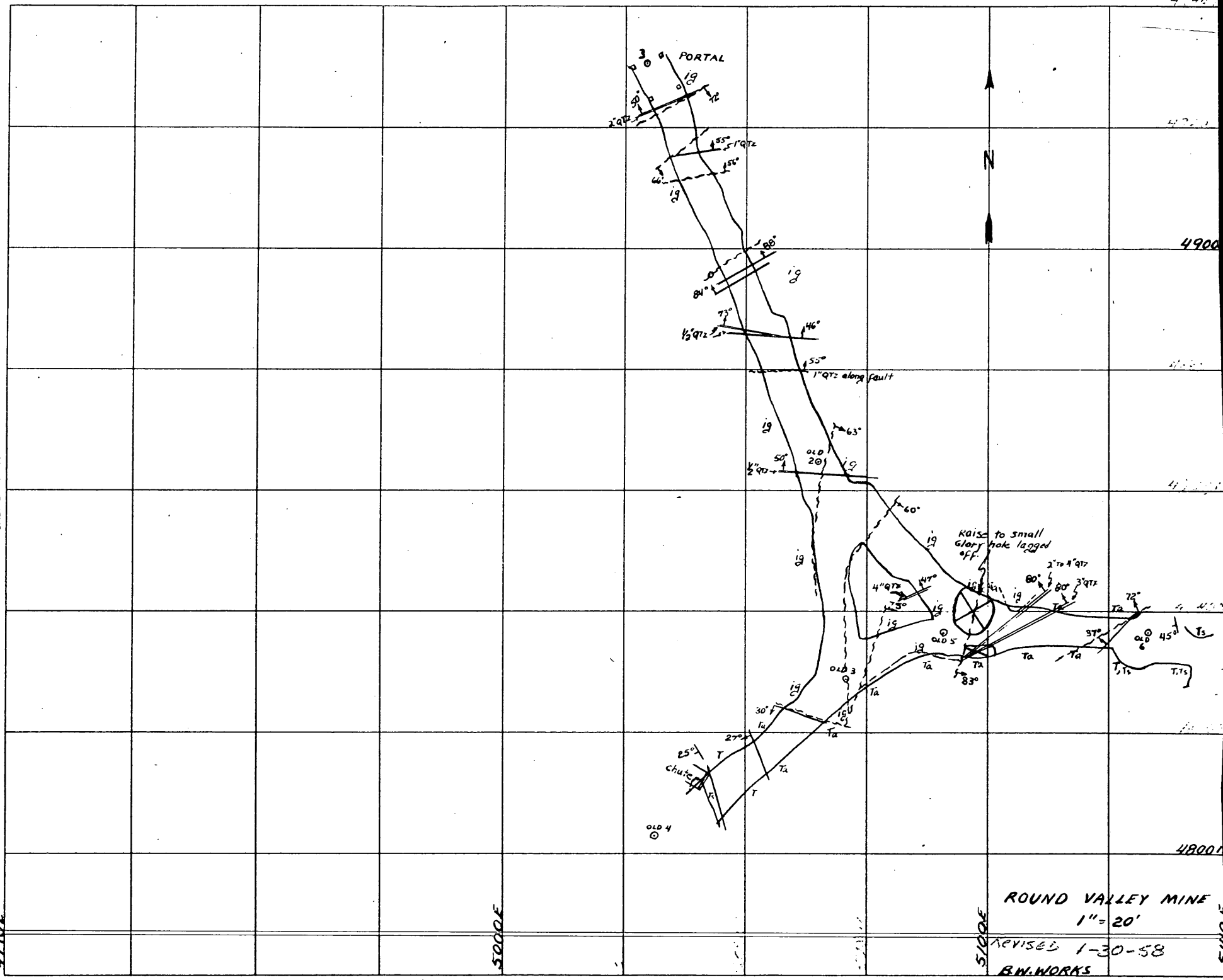
Respectfully submitted,

Byron W. Works

Byron W. Works, Geologist


N
4900
LEGEND
Ls = Silicated Limestone. Usually gray co
Ts = Scheelite-bearing tactite
contains at least 0.40% WO3
T, Ts = Tactite containing less than 0.4% WO3
T = Tactite - massive - no bedding apparent
Ta = Tactite - altered zone
Tb = Tactite - bedding apparent
ig = Granite
contact - exposed & inferred
60°
Bedding
40°
Fault
80°
4840
NOTE: "Tactite" is considered to contain 50% or more garnet.
Silicated limestone may contain small amount of garnet, usually as individual bands along bedding planes
P.O.B.
0.46% WO3
Estimated 0.10% WO3
NEW ADIT
OLD DR
Jan. 1, 1958
Feb. 1, 19
ROUND VALLEY MINE
1" = 20'
B.W. WORKS
REVISED 2-1
5140E
5200E
5300E
SALT LAKE BLUE

FORM 1006


PORTAL
N
4900
4800
4940E
5000E
5100E
SALT LAKE BLUE
2" QTZ
1" QTZ
1" QTZ along fault
1½" QTZ
½" QTZ
4" QTZ
2" To 4" QTZ
3" QTZ
Raise to small Glory hole lagged off.
Chute
OLD 2
OLD 3
OLD 4
OLD 5
OLD 6
ig
Ta
T
Ts
T,Ts
ROUND VALLEY MINE
1" = 20'
REVISED 1-30-58
B.W. WORKS

Ralph E. Shupe
% 720 North Virginia Street
Room 2
Reno, Nevada

February 4, 1958

Mr. Spangler Rieker
Executive Officer
DMEA Field Team, Region II
U. S. Department of the Interior
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 4614 (Tungsten)

Dear Mr. Rieker:

We enclose herewith the original and four (4) copies each of the following:

(a) MF104 - Operator's Monthly Report & Voucher.
(b) MF104A - Operator's Unit Cost & Progress Report.
(c) Narrative of Progress and Results, with supporting Maps.

The above reports cover the month of January, 1958, and constitute the third Report due to be submitted on subject Project.

Sincerely yours,

Ralph E. Shupe
RALPH E. SHUPE

Encls.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED FEB 10 1958 D.M.E.A.

Month of December, 1957 Docket No. DMEA 4614 Contract No. Ion-E 1125
Operator's Name Ralph E. Shupe Minerals Tungsten
Address 1521 W. 79th St., Los Angeles 47, California CAWO4 - Scheelite
Contract Amount, $70,680.00 Government Participation: 75 % Amount, $53,010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:	(Fixed Unit Costs)					
Drilling						
Bulldozing						
Crosscutting	2520.00	1260.00	3780.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	3.00	—	3.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2523.00	1260.00	3783.00			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 1-11-58 *Payee Ralph E. Shupe

Per Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$1892.25

Frances S. Horton
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date FEB 3 1958 Vou. No. SF-DMEA-15

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Mm-21125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date Jan. 30, 1958

B. H. Sheahan

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date Jan. 30, 1958

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED FEB 10 1958

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1957 Docket No. DMEA 4614 Contract No. Ida-E 1125

Operator's Name Ralph E. Shupe Minerals Tungsten

Address 1521 W. 79th St., Los Angeles 47, California $CaWO_4$ - Sheelite

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	Ft	2520.00	80	3780.00	120	31.50	1800	56700.00
Timbering	Ft					6.00	450	2700.00
Shafts								
Winzes	Ft					72.00	100	7200.00
Drilling: Long Hole	Ft					1.50	2500	3750.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling & Assay	1	3.00	1	3.00	1	3.00	110	330.00
Total Distributed Costs		2523.00		3783.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2523.00		3783.00				70680.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 1-11-58 Operator Ralph E. Shupe

Per Ralph E Shupe Title Operator

NOTE.—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.

(Instructions on reverse)

Remarks: Fixed Unit Cost Contract

(For Government use only) B. L. Shushan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

ROUND VALLEY MINE
Ralph E. Shupe

Jan. 1, 1958

Operator's Monthly Report

Narrative
for
D.M.E.A. Contract No. Idm-E 1125

Period November 11, 1957
to
December 31, 1957

Preparatory work was begun November 11 and the first round on the contract adit was blasted November 15. Preparatory work consisted of laying track on the waste dump, installing water and air connections, cleaning track, installing switch at the point of beginning of the new adit, widening old adit for motor and cars, and installation of timber just before the point of beginning.

A total advance of 120 feet from the point of beginning has been made of which 40 feet was completed in November. The first 30 feet of adit was driven S79°E to get away from the old adit quicker. This eliminated the necessity of placing timber at the "Y" formed by the new adit and the old adit. Otherwise, the adit is continuing on the prescribed bearing of S 81° E.

The rock encountered has been tactitie much of which has been shattered by faulting. Original limestone bedding can usually be seen and is especially easy to see in limestone which has not been entirely replaced predominantly by garnet. The bedding strikes generally N 30° E. The dip is to the northwest and has increased from 38° near the point of beginning to 52° at the face.

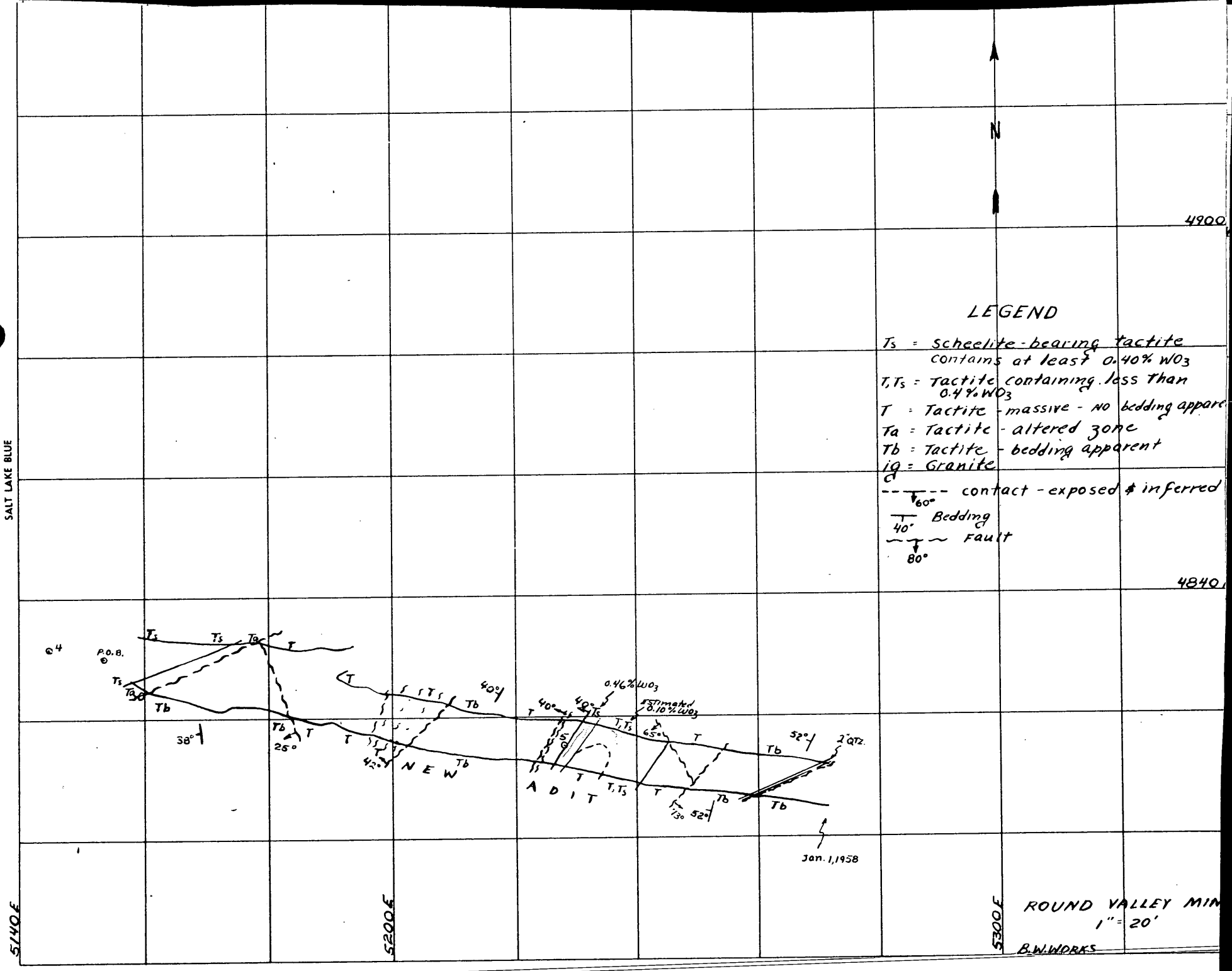
One zone containing scheelite was encountered 77 feet past the point of beginning. This zone is approximately 9 feet thick of which 2 feet on the north rib assays 0.46% WO_3, and the remainder is estimated to average 0.1% WO_3 or less.

Plans call for the continuation of the adit on a bearing of S 81° E.

Respectfully submitted,

Byron W. Works

Byron W. Works, Geologist


N
4900
4840
LEGEND
Ts = Scheelite-bearing tactite contains at least 0.40% WO3
T, Ts = Tactite containing less than 0.4% WO3
T = Tactite - massive - no bedding apparent
Ta = Tactite - altered zone
Tb = Tactite - bedding apparent
ig = Granite
contact - exposed & inferred
60°
Bedding
40°
Fault
80°
P.O.B.
Ts
Ta
T
Tb
38°
25°
42°
40°
0.46% WO3
Estimated 0.10% WO3
65°
52°
2" QTZ.
NEW ADIT
Jan. 1, 1958
5140E
5200E
5300E
ROUND VALLEY MIN
1" = 20'
B.W.WORKS
SALT LAKE BLUE

RECEIVED

DATE	INITIALS	CODE

Ralph E. Shupe
% 720 North Virginia Street
Room 2
Reno, Nevada

January 11, 1958

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
U. S. Department of the Interior
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 4614 (Tungsten)

Dear Mr. Ricker:

We enclose herewith the original and four (4) copies each of Operator's Monthly Report and Voucher MF104 and Operator's Unit Cost and Progress Report (MF104A).

The above reports cover the month of December, 1957, and constitute the second report due to be submitted on subject Project.

Sincerely yours,

Ralph E. Shupe
RALPH E. SHUPE

Encl.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED JAN 10 1958 D.M.E.A.

Month of November, 1957 Docket No. DMEA 4614 Contract No. Ida-E 2125
Operator's Name Ralph E. Shupe Minerals Tungsten - CaWO4 - Sheelite
Address 1321 W. 79th Street, Los Angeles 47, Calif.
Contract Amount, $70,680.00 Government Participation: 75 % Amount, $53,010.00

ITEMS OF COSTS (Fixed Unit Costs)	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) [redacted] Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	1,260.00	-0-	1,260.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,260.00	-0-	1,260.00			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 12/13/57 *Payee Ralph E. Shupe

Per × Ralph E. Shupe Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 945.00

Lloyd H. Splender
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date JAN 3 1958 Vou. No. SF-DMEA-13

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE1125 in accordance with the terms of the contract.

Signature B. H. Sheahan Title Mining Engineer Date Dec. 17, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Roscoe M. Smith Title Acting Executive Officer Date 12/17/57

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JAN 10 1958

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 7 Docket No. DMEA 4614 Contract No. Idm-5 1125
Operator's Name Ralph E. Shupe Minerals Tungsten - $CaWO_4$ - Sheelite
Address 1521 W. 79th St., Los Angeles 47, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	1,260.00	40	1260.00	40	31.50	*Feet	31.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,260.00	40	1,260.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								—
Initial Rehabilitation and Repairs								—
New Buildings, Improvements, etc.								—
								—
TOTAL COSTS		1,260.00		1,260.00				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 12/13/57 Operator Ralph E. Shupe

Per Ralph E Shupe Title Operator

NOTE.—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.

(Instructions on reverse)

REMARKS: Fixed Unit Cost Contract

(For Government use only) B. H. Sheahan, Mining Engineer
* (Units authorized 900 feet)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

EXPLORATION PROJECT CONTRACT NO. Idm-E 1125

RALPH E. SHUPE

Docket No. DMEA-4614

Month of: November, 1957

NARRATIVE

On November 15, 1957 stage I of subject Project was started from a point designated by Mr. Ben Sheahan, Mining Engineer, U. S. Bureau of Mines, Reno, Nevada.

The Crosscut Adit was advanced forty (40) feet on a bearing of S. 81° E. through bedded limestone from the point designated by Mr. Sheahan.

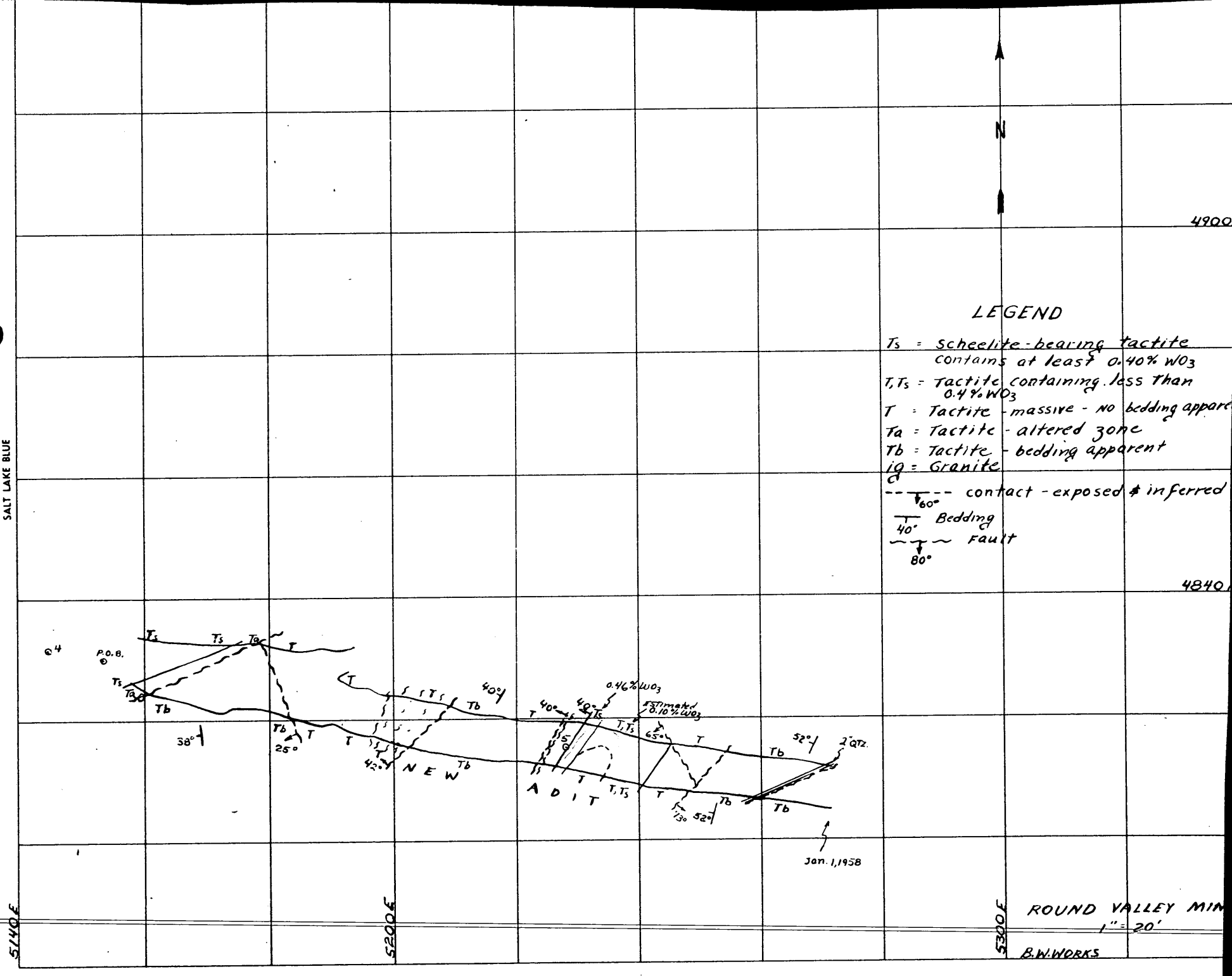
The small footage of advance at November 30, 1957 did not furnish sufficient information to require a Geological Report.

Mr. Sheahan visited the Project for the purpose of inspection on November 26, 1957.

Signed:

Ralph E. Shupe

RALPH E. SHUPE


N
4900
4840
LEGEND
Ts = Scheelite-bearing tactite contains at least 0.40% WO3
T, Ts = Tactite containing less than 0.4% WO3
T = Tactite - massive - no bedding apparent
Ta = Tactite - altered zone
Tb = Tactite - bedding apparent
ig = Granite
contact - exposed & inferred
60°
Bedding
40°
Fault
80°
SALT LAKE BLUE
P.O.B.
Ts
Ts
Ta
T
Ts
Tb
38°
Tb
38°
Tb
25°
T
T
T
42°
NEW
Tb
T
40°
Tb
T
40°
40°
Ts
0.46% WO3
Estimated 0.10% WO3
T, Ts
65°
T
52°
Tb
2" QTZ.
ADIT
T
T, Ts
T
130
52°
Tb
Tb
Jan. 1, 1958
5140E
5200E
5300E
ROUND VALLEY MIN
1" = 20'
B.W. WORKS

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-4614 (TUNGSTEN)
CONTRACT Idm-E1125

FIGURE 1

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-4614 (TUNGSTEN)
CONTRACT Iom-E1125

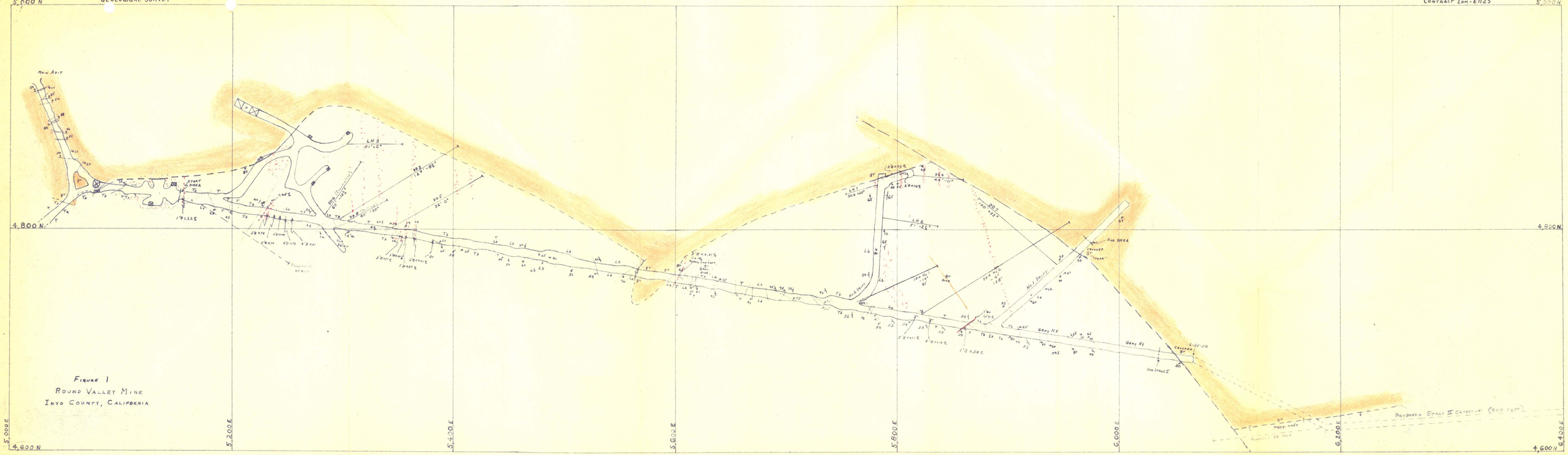


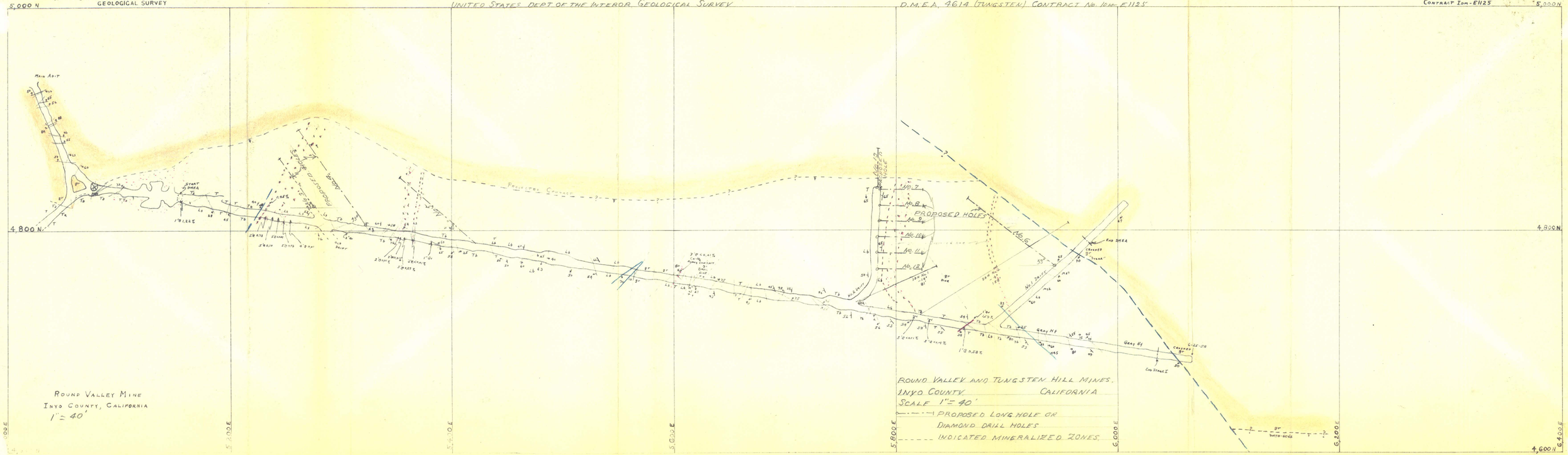
FIGURE 1
ROUND VALLEY MINE
INYO COUNTY, CALIFORNIA

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES DEPT OF THE INTERIOR GEOLOGICAL SURVEY

D.M.E.A. 4614 (TUNGSTEN) CONTRACT No. Ibm-E1125

DMEA-4614 (TUNGSTEN)
CONTRACT Ibm-E1125



ROUND VALLEY MINE
INYO COUNTY, CALIFORNIA
1" = 40'

ROUND VALLEY AND TUNGSTEN HILL MINES.
INYO COUNTY CALIFORNIA
SCALE 1" = 40'
PROPOSED LONG HOLE OR DIAMOND DRILL HOLES
INDICATED MINERALIZED ZONES.