DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 5034

Application
- [ ] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Comoleted-analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

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

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

17863

AMENDED LOCA

AMEN

KNOW ALL MEN BY THESE PRES

FRANK HUSSEY

the undersigned citizen....of the United States, over the age of twenty-one years.

with all the requirements of the laws of the United States and the State of Idaho, relating to claims, and with the local laws, customs, rules and regulations of.....McDEVITT..... Mining District, hereby make and file this....I ST.....amended location of the BUFFALO NO.2 .....Lode, claiming, by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 150 feet along the ledge in a N 16° 33'E direction from the discovery stake, and 1350 feet. along the ledge in a S 16° 33'W direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in N.W.¼ SEC.15 and more particularly described as follows, to-wit:

COMMINCING AT THE NORTH ¼ CORNER OF SEC. 15 IN T.19N. R.25E. B.M. RUN THENCE SOUTHWESTERLY 1250 FEET TO THE NORTH EAST CORNER OF THE BUFFALO NO.2 CLAIM AND THE POINT OF BEGINNING THENCE S.16° 33'W 1500 FEET

THENCE N.59° 12'W. 600 FEET

THENCE N.16° 33'E. 1500 FEET

THENCE S.59° 12'E. 600 FEET TO THE POINT OF BEGINNING

THIS CLAIM WAS ORIGINALLY LOCATED BY MASON PHILIPS AND G. ELMO SHOUP AND NAMED THE BUFFALO NO.1 CLAIM.

THIS AMENDED LOCATION IS made in conformity with the original location, made SEPT. 12 19 48, recorded ....., 19 ....., in Book ....., Page ....., of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery SEPT. 12, A. D. 19 48

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } ss.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the BUFFALO No. 2 ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge [illegible] located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

~~I. C. Porter~~

W. J. Simmonds, County Recorder

By Opal Reddington
Deputy

No. .....

Amended Location Certificate

LODE

Dated, ..., 19 .....

STATE OF IDAHO, } SS.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 25 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims page 362

W. W. Simmonds
Ex-Officio Recorder.
By Opal Reddington Deputy.

Fees $ 2.00 Paid

Mail to .....

Compared . . . . .
Indexed—Direct . . .
Indexed—Indirect . . .

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That I.C PORTER, CARRIE PORTER AND FRANK HUSSEY

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST amended location of the BUFFALO NO.3 Lode, claiming, by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal [illegible] quartz or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 28 feet along the ledge in a S.16° 33'W direction from the discovery stake, and 1472 feet. along the ledge in a N.16° 33'E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in N.½ SEC.15 and more particularly described as follows, to-wit;

COMMENCING AT THE NORTH ¼ CORNER OF SEC. 15 RUN THENCE SOUTHWESTERLY 1440 FEET TO THE NORTH WEST CORNER OF BUFFALO NO.3 CLAIM AND THE POINT OF BEGINNING

THENCE S.16° 33'W. 1500 FEET
THENCE S.73° 24'E. 600 FEET
THENCE N.16° 33'E. 1500 FEET
THENCE N.73° 24'W. 600 FEET TO THE POINT OF BEGINNING

THIS CLAIM IS JOINED ON THE NORTH BY THE BUFFALO NO.4, ON THE WEST BY THE BUFFALO LODE AND ON THE EAST BY THE ROADSIDE NO.II

THE ORIGIONAL LOCATION OF THIS CLAIM WAS MADE BY MASON PHILIPS, G.ELMO SHOUP AND R.M. SHOUP ON SEPT. 16 1948 AND WAS CALLED THE BUFFALO NO.2

THIS AMENDED LOCATION IS made in conformity with the original location, made SEPT. 16 19 48, recorded ....., 19....., in Book ....., Page ....., of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery SEPT. 16, A. D. 19 48

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } ss.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the BUFFALO NO. 3 ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W.W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

No. .....

Amended Location Certificate

LODE

Dated, ..., 19....

STATE OF IDAHO, } SS.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 26 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims at page 362-363

W.W. Simmonds
Ex-Officio Recorder

By Opal Reddington
Deputy.

Fees $ 2.00 Paid

Mail to .....

Indexed Direct

Indexed Indirect

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That I.C. PORTER, CARRIE PORTER AND FRANK HUSSEY

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST amended location of the BUFFALO NO. 4 Lode, claiming, by right of discovery, location, primal appropriation and possession I500 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 980 feet along the ledge in a S.70° I3'E. direction from the discovery stake, and 520 feet. along the ledge in a N.70° I3'W. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in N.W.¼ SEC.I5 and more particularly described as follows, to-wit;

COMMINCING AT THE N¼ CORNER OF SEC. I5 IN T.I9N. R.25E. B.M. RUN THENCE SOUTHERLY II25 FEET TO THE NORTH EAST CORNER OF THE BUFFALO NO.4 CLAIM AND THE POINT OF BEGINNING:

THENCE S.7° 35'W. 600 FEET

THENCE N.70° I3'W. I500 FEET

THENCE N.7° 35'E. 600 FEET

THENCE S.70° I3'E. I500 FEET TO THE POINT OF BEGINNING

THIS CLAIM WAS ORIGINALLY LOCATED BY EARL PYEATT AND G. ELMO SHOUP ON JULY 25 I952 AND CALLED THE BUFFALO NO. 4 CLAIM.

THIS AMENDED LOCATION IS made in conformity with the original location, made JULY 25 19 52, recorded ....., 19....., in Book ....., Page ....., of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery JULY 25, A. D. 19 52

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C Porter

STATE OF IDAHO,
County of LEMHI } SS.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the BUFFALO NO. 4 ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W.W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

89127

No. .....

Amended Location Certificate

LODE

Dated, ..., 19.....

STATE OF IDAHO, } SS.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 27 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims at pages 363-364

W.W. Simmonds
Ex-Officio Recorder.

By Opal Reddington
Deputy.

Fees, $ 2.00 Paid

Mail to .....

Compared ✓ Indexed — Dized

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That G.W. BURKMAN AND I.C. PORTER

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST. amended location of the B. & P. NO.I Lode, claiming, by right of discovery, location, primal appropriation and possession I2I4 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being I204 feet along the ledge in a NORTH direction from the discovery stake, and I0 feet. along the ledge in a SOUTH direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in S.E.½ SEC.9 and more particularly described as follows, to-wit:

COMMINCING AT S.E. CORNER OF SEC.9 IN T.I9N. R.25E. B M RUN THENCE WEST 780 FEET TO THE SOUTHEAST CORNER OF THE B.& P. NO.I THENCE WEST 600 FEET; THENCE NORTH 554 FEET: THENCE EAST 540 FEET: THENCE SOUTH I2I4 FEET TO THE SOUTHEAST CORNER AND THE POINT OF BEGINNING, THIS CLAIM IS JOINED ON THE WEST BY THE B.& P. NO.2, AND ON THE EAST BY THE ROADSIDE NO.I2.

THIS AMENDED LOCATION IS made in conformity with the original location, made JULY I 19 53, recorded OCT. 14, 19 54, in Book 6, Page 50, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery JULY I, A. D. 19 53

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } ss.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the K. & P. NO. 1 lodge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

~~I. C. Porter~~

W.W. Simmonds, Ex-Officio Recorder
By Opal Reddington
Deputy

No.
Amended Location Certificate

LODE

Dated, 19

STATE OF IDAHO, } SS.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 28 minutes past 9 o'clock A. M. this 26th day of May, A. D. 19 58 in my office and duly recorded in Book 9 of Mining Claims at page 364

W.W. Simmonds, Ex-Officio Recorder.
By Opal Reddington Deputy.

Fees, $ 2.00 Paid

Mail to

Compared
Indexed - Direct
Indexed - Indirect

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS: That G.W. BURKMAN AND I.C. PORTER

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST. amended location of the B. & P. NO.2 Lode, claiming, by right of discovery, location, primal appropriation and possession 660 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 200 feet along the ledge in a NORTH direction from the discovery stake, and 460 feet. along the ledge in a SOUTH direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in S W ¼ SEC.9 and more particularly described as follows, to-wit;

COMMENCING AT THE SOUTHEAST CORNER OF SEC.9 T.19N. R.25E. B.M. RUN THENCE WEST 1380 FEET TO THE SOUTHEAST CORNER OF THE B.& P. NO.2 AND THE POINT OF BEGINNING: CONTINUING THENCE WEST 600 FEET: THENCE NORTH 660 FEET: THENCE EAST 600 FEET: THENCE SOUTH 660 FEET TO THE POINT OF BEGINNING THE CALIM IS JOINED ON THE EAST BY THE B.& P. NO.1

THIS AMENDED LOCATION IS made in conformity with the original location, made AUG. 14 19 50, recorded OCT. 14, 19 54, in Book 6, Page 50, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery AUG. 1, A. D. 19 49

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } SS.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the B. & P. No. 2 ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

I. C. Porter

W.W. Simmonds, Ex-Officio Recorder
By Opal Reddington, Deputy

No. Amended Location Certificate

LODE

Dated, , 19

STATE OF IDAHO, } SS.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 29 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims at page 365

W.W. Simmonds
Ex-Officio Recorder.
By Opal Reddington Deputy.

Fees. $ 2.00 Paid

Mail to

Compared
Indexed
Checked

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That G.W. BURKMAN AND I.C. PORTER

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST amended location of the ROADSIDE Lode, claiming, by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 250 feet along the ledge in a S.70° 13'E. direction from the discovery stake, and 1250 feet. along the ledge in a N.70° 13'W. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in NORTH ½ SEC.15 and more particularly described as follows, to-wit:

COMMINCING AT THE NORTH ¼ CORNER OF SEC.15 IN T.19N. R.25E.B.M. RUN THENCE SOUTHEAST 600 FEET TO THE NORTH EAST CORNER OF THE ROADSIDE CLAIM AND THE POINT OF BEGINNING

THENCE: S.7° 35'W. 600 FEET

THENCE: N.70° 13'W. 1500 FEET

THENCE: N.7° 35'E. 600 FEET

THENCE: S.70° 13'E. 1500 FEET TO THE POINT OF BEGINNING

THIS CLAIM IS JOINED ON THE WEST BY THE ROADSIDE NO.1, ON THE SOUTH BY THE BUFFALONO.4 ON THE EAST BY THE ROADSIDE NO.6, AND ON THE NORTH BY THE G.W.B. CLAIM.

THIS AMENDED LOCATION IS made in conformity with the original location, made AUG. I 19 49, recorded ....., 19....., in Book ....., Page ....., of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Discovery AUG. I, A. D. 19 49

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } ss.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE

ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W.W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

No. .....

Amended Location Certificate

LODE

Dated, ..., 19.....

STATE OF IDAHO, } ss.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 30 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims at page 365-366

W.W. Simmonds
Ex-Officio Recorder.

By Opal Reddington
Deputy.

Fees $ 2.00 Paid

Mail to .....

Compared .....
Indexed Direct .....
Indexed Indirect .....

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That G.W. BURKMAN AND IRVIN H. PORTER

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST. amended location of the ROADSIDE NO.2 Lode, claiming, by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 600 feet along the ledge in a S.16° 33'W. direction from the discovery stake, and 900 feet. along the ledge in a N.16° 33'E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in N.W ¼ SEC.15 and more particularly described as follows, to-wit:

COMMINCING AT THE N.W. CORNER OF SEC.15 IN T.19N. R.25E.B.M. RUN THENCE SOUTHEASTERLY 980 FEET TO THE NORTH WEST CORNER OF THE ROADSIDE NO.2 AND THE POINT OF BEGINNING

THENCE: S.16° 33'W. 1500 FEET

THENCE: S.59° 12'E. 600 FEET

THENCE: N.16° 33'E. 1500 FEET

THENCE: N.59° 12'W. 600 FEET

THIS CLAIM IS JOINED ON THE WEST BY THE ROADSIDE NO.9, ON THE NORTH BY THE ROADSIDE NO.1 AND ON THE EAST BY THE BUFFALO NO.2

THIS AMENDED LOCATION IS made in conformity with the original location, made AUG. 1, 19 49, recorded , 19, in Book , Page , of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Discovery AUG. 1, A. D. 1949

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of Lemhi } ss

I I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE NO. 2 lode, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge [illegible] the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W. W. Simmonds, Ex-Officio Recorder
By Opal Reddington
Deputy

No.

Amended Location Certificate

LODE

Dated, , 19

STATE OF IDAHO,)
COUNTY OF LEMHI) SS.

I hereby certify that this instrument was filed for record at request of I. C. Porter at 31 minutes past 9 o'clock A. M., this 26th day of May A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims at page s 366-367

W. W. Simmonds
Ex-Officio Recorder
By Opal Reddington
Deputy.

Fees $ 2.00 Paid

Mail to

Compared
Indexed—Plat
Indexed—Index

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That G.W. BURKMAN AND I.C. PORTER

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST. amended location of the ROADSIDE NO.6 Lode, claiming, by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 1490 feet along the ledge in a S.7° 35'W. direction from the discovery stake, and 10 feet. along the ledge in a N.7° 35'E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in N.E.¼ SEC.15 and more particularly described as follows, to-wit;

COMMENCING AT THE N.¼ CORNER OF SEC.15 IN T.19N.,R.25E.B.M. RUN THENCE NORTHEASTERLY 410 FEET TO THE NORTHWEST CORNER OF THE ROADSIDE NO.6 CLAIM AND THE POINT OF BEGINNING

THENCE: S.7° 35'W. 1500 FEET

THENCE: S.79° 50'E. 600 FEET

THENCE: N.7° 35'E. 1500 FEET

THENCE: N.79° 50'W. 600 FEET TO THE POINT OF BEGINNING.

THIS CLAIM IS JOINED ON THE EAST BY THE ROADSIDE NO.8, ON THE NORTH BY THE ROADSIDE NO.7, ON THE WEST BY THE G.W.B. CLAIM AND THE ROADSIDE CLAIM, AND ON THE SOUTH BY THE ROADSIDE NO.11

AMENDED LOCATION CERTIFICATE

THIS AMENDED LOCATION IS made in conformity with the original location, made JUNE 20 19 55, recorded SEPT. 12, 1955, in Book 7, Page 187, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery JUNE 20, A. D. 19 55

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } ss.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE NO. 6 lodge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W.W. Simmonds, Ex-Officio Recorder

By Opal Reddington

Deputy

No.

Amended Location Certificate

LODE

Dated, , 19

STATE OF IDAHO, } SS.
COUNTY OF LEMHI }

I hereby certify that this instrument was filed for record at request of I. C. Porter at 33 minutes past 9 o'clock A. M. this 26th day of May A. D. 19 58 in my office and duly recorded in Book 9 of Mining Claims at pages 367-368

W.W. Simmonds Ex-Officio Recorder.

By Opal Reddington Deputy.

Fees $ 2.00 Paid

Mail to

Compared . . . . . .
Indexed—Direct . . . .
Indexed—Indirect . . . .

RECORDER HERALD PRINT

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That G.W. BURKMAN AND IRVIN C. PORTER

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST. amended location of the ROADSIDE NO.5 Lode, claiming, by right of discovery, location, primal appropriation and possession 1440 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 1430 feet along the ledge in a N.12° 12'E. direction from the discovery stake, and 10 feet. along the ledge in a S.12° 12'W. direction therefrom, together with 160 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in S.E.¼ SEC.9 and more particularly described as follows, to-wit;

COMMINCING AT THE SOUTHEAST CORNER OF SEC.9 IN T.19N., R.25E.B.M. RUN THENCE WEST 180 FEET TO THE SOUTHEAST CORNER OF ROADSIDE NO.5 CLAIM AND THE POINT OF BEGINNING

THENCE: N.73° 01'W. 320 FEET

THENCE: N.12° 12'E. 1440 FEET

THENCE: S.73° 01'E. 320 FEET

THENCE: S.12° 12'W. 1440 FEET

THIS AMENDED LOCATION IS made in conformity with the original location, made AUG. I 19 49, recorded ....., 19....., in Book ....., Page ....., of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery AUG.I , A. D. 19 49

Date of Amended Location MAY 24 , A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } ss.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE NO. 5 ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 24th day of May, A. D. 19 58

W. W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

No. .....

Amended Location Certificate

LODE

Dated, ..., 19.....

STATE OF IDAHO.) SS.
COUNTY OF LEMHI)

I hereby certify that this instrument was filed for record at request of I. C. Porter at 32 minutes past 9 o'clock A. M. this 26th day of May A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims at page 367

W. W. Simmonds
Ex-Officio Recorder.

By Opal Reddington
Deputy.

Fees $ 2.00 Paid

Mail to .....

Compared .....
Indexed—Direct .....
Indexed—Reverse .....

NOTICE OF QUARTZ LOCATION

TO WHOM IT MAY CONCERN:

Notice is hereby given, that I.C. PORTER AND G.W. BURKMAN

citizen of the United States of America (or ha declared h intention to become such), of the age of twenty-one years, did on the 20 day of JUNE, 1956 discover a vein or lode of Quartz or rock in place, bearing gold, silver, or other precious metals or valuable deposits, within the limits of the hereinafter described claim, do this 20 day of JUNE, 1956, hereby under and in accordance with the Revised Statutes of the United States (Chapter VI Title XXXII) and laws of the State of Idaho

ROADSIDE CLAIM NO.7 MINING CLAIM

That said claim extends 750 linear feet in a SOUHTERLY direction along said vein or lode from the point of discovery, and 750 linear feet in a NORTHERLY direction along said vein or lode from the point of discovery; and extends 300 feet on the EASTERLY side from the middle of said ledge and 300 feet on the WESTERLY side from the middle of said ledge. That said point of discovery is shown by a certain LOCATION POST and is ABOUT 2000 linear feet in a NORTH EAST direction from BUFFALO MINE TUNNEL ABOVE AGENCY

(Here state any natural object or monument which will identify the point of discovery or the location)

CREEK ON NORTH SLOPE

The adjoining claims are: ROADSIDE NO.6 SOUTHERLY

SKYLARK ON THE WEST

That said claim is situate in the McDEVITT Mining District, in the County of LEMHI, State of Idaho.

LOCATOR

I.C. Porter

G.W. Burkman

No. 89135

Quartz Mining Location Notice

Claim

STATE OF IDAHO } ss.
County of _____

I hereby certify that this instrument was filed for record at the request of _____ at _____ minutes past _____ o'clock _____ M., this _____ day of _____ A. D. _____, in my office and duly recorded in book _____ of _____ Mining Claims, at page _____

Deputy Recorder _____ District _____ County, Idaho

STATE OF IDAHO } ss.
County of Lemhi

I hereby certify that this instrument was filed for record at request of I. C. Porter at 35 minutes past 9 o'clock A. M., this 26th day of May, A. D. 1958 in my office, and duly recorded in Book 8 of 369 Mining Claims, at page 369

W. W. Simmonds
Ex-Officio Recorder. County, Idaho
By Opal Reddington Deputy.

Lemhi

Fees, $2.00 Paid

Compared

Indexed—Direct

Indexed—Indirect

STATE OF IDAHO, } ss.
County of Lemhi

I, I. C. Porter

do solemnly swear that I am a citizen of the united States of America (or have declared my intention to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE CLAIM NO. 7 ledge, lode or claim, that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and that I have opened up new ground to the extent or depth of ten feet as required by the laws of Idaho, and that all stakes and monuments or trees marking boundaries of said claim are in proper place and position.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W. W. Simmonds, Ex-Officio Recorder

By Opal Reddington Deputy

AMENDED LOCATION CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS, That I.C. PORTER AND G.W. BURKMAN

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Idaho, relating to mining claims, and with the local laws, customs, rules and regulations of McDEVITT Mining District, hereby make and file this I ST amended location of the ROADSIDE NO.8 Lode, claiming, by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vien or lode of quartz, or other rock in place, bearing RADIOACTIVE and other valuable minerals, with all dips, variations and angles, the same being 1300 feet along the ledge in a N.7° 35'E. direction from the discovery stake, and 200 feet. along the ledge in a S.7° 35'W. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in McDEVITT Mining District, County of LEMHI State of Idaho, in N.E.¼ SEC.15 and more particularly described as follows, to-wit:

COMMINCING AT THE NORTH ¼ CORNER OF SEC. 15 IN T.19N., R.25E.B.M. RUN THENCE EAST 1010 FEET TO THE NORTHWEST CORNER OF ROADSIDE NO.8 CLAIM AND THE POINT OF BEGINNING:

THENCE: S.7° 35'W. 1500 FEET

THENCE: S.79° 50'E. 600 FEET

THENCE: N.7° 35'E. 1500 FEET

THENCE: N.79° 50'W. 600 FEET TO THE POINT OF BEGINNING

THIS CALIM IS JOINED ON THE NORTH BY THE ROADSIDE NO.7, ON THE WEST BY THE ROADSIDE NO.6, AND ON THE SOUTH BY THE SUNNYSIDE AND THE STORM CLAIMS.

THIS AMENDED LOCATION IS made in conformity with the original location, made JULY 28 19 56, recorded SEPT. 20, 1956, in Book 8, Page 34, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the records hereof, hereby waiving no rights acquired under and by virtue of said original location.

Date of Original Descovery JUNE 10, A. D. 19 56

Date of Amended Location MAY 24, A. D. 19 58

Attest: I. C. Porter

STATE OF IDAHO,
County of LEMHI } SS.

I, I. C. Porter

do solemnly swear that I am a citizen of the United States of America (or have declared my intentions to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE NO. 8 ledge, lode or claim; that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State save as mentioned in the within notice, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and (in case of quartz claims) that I have opened up new ground to the extent or depth of ten feet as required by the laws of the State of Idaho.

I. C. Porter

Subscribed and sworn to before me this 26th day of May, A. D. 19 58

W.W. Simmonds, Ex-Officio Recorder
By Opal Reddington
Deputy

No.
Amended Location Certificate
LODE
Dated, 19
STATE OF IDAHO, } SS.
COUNTY OF LEMHI }
I hereby certify that this instrument was filed for record at request of I. C. Porter
at 34 minutes past 9 A. M., this 26th day
o'clock
of May, A. D. 19 58
in my office, and duly recorded in Book 9 of Mining Claims at page 368-369
W.W. Simmonds Ex-Officio Recorder.
By Opal Reddington Deputy.
Fees $ 2.00 Paid
Mail to
Compared
Indexed

NOTICE OF QUARTZ LOCATION

TO WHOM IT MAY CONCERN:

Notice is hereby given, that IRVIN C. PORTER AND G.W. BURKMAN

[redacted] of the United States of America (or ha declared h intention to become such), of the age of twenty-one years, did on the 20 day of MAY, 1958 discover a vein or lode of Quartz or rock in place, bearing gold, silver, or other precious metals or valuable deposits, within the limits of the hereinafter described claim, do this 24 day of MAY, 1958, hereby under and in accordance with the Revised Statutes of the United States (Chapter VI Title XXXII) and laws of the State of Idaho

ROADSIDE NO.9 MINING CLAIM

That said claim extends 400 linear feet in a S.16° 33'W. direction along said vein or lode from the point of discovery, and 1100 linear feet in a N.16° 33'E. direction along said vein or lode from the point of discovery; and extends 300 feet on the WESTERLY side from the middle of said ledge and 300 feet on the EASTERLY side from the middle of said ledge. That said point of discovery is shown by a certain WOOD POST and is 1400 linear feet in a SOUTHEASTERLY direction from THE NORTH WEST CORNER OF SEC. 15 T.19N., R.25E.B.M.

(Here state any natural object or monument which will identify the point of discovery or the location)

The adjoining claims are: ROADSIDE NO.10 ON THE WEST
ROADSIDE NO.3 ON THE NORTH
ROADSIDE NO.2 ON THE EAST

That said claim is situate in the McDIVETT Mining District, in the County of LEMHI, State of Idaho.

LOCATOR
I.C. Porter
G.W. Burkman

No. [illegible]

Quartz Mining Location Notice

Claim

STATE OF IDAHO } ss.
County of

I hereby certify that this instrument was filed for record at the request of

at minutes past o'clock M., this day of A. D. , in my office and duly recorded in book of Mining Claims, at page

Deputy Recorder District County, Idaho

STATE OF IDAHO } ss.
County of Lemhi

I hereby certify that this instrument was filed for record at request of I. C. Porter at 36 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims, at page 370

W.W. Simmonds
Ex-Officio Recorder.
Lemhi County, Idaho
By Opal Reddington Deputy.
Fees $2.00 Paid

Compared . . . . . .
Indexed—Direct . . . . . .
Indexed—Indirect . . . . . .

STATE OF IDAHO,
County of Lemhi } **ss.**

I, I. C. Porter

do solemnly swear that I am a citizen of the united States of America (or have declared my intention to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE NO. 9 **ledge, lode or claim, that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and that I have opened up new ground to the extent or depth of ten feet as required by the laws of Idaho, and that all stakes and monuments or trees marking boundaries of said claim are in proper place and position.**

I. C. Porter

Subscribed and sworn to before me this 26th **day of** May **, A. D. 19** 58.

W.W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

NOTICE OF QUARTZ LOCATION

TO WHOM IT MAY CONCERN:

Notice is hereby given, that IRVIN C. PORTER AND G.W. BURKMAN

citizen of the United States of America (or ha declared h intention to become such), of the age of twenty-one years, did on the 20 day of MAY, 19 58 discover a vein or lode of Quartz or rock in place, bearing gold, silver, or other precious metals or valuable deposits, within the limits of the hereinafter described claim, do this 24 day of MAY, 19 58., hereby under and in accordance with the Revised Statutes of the United States (Chapter VI Title XXXII) and laws of the State of Idaho

ROADSIDE NO. IO MINING CLAIM

That said claim extends 40 linear feet in a NORTHEASTERLY direction along said vein or lode from the point of discovery, and 1310 linear feet in a SOUTHWESTERLY direction along said vein or lode from the point of discovery; and extends 300 feet on the EAST side from the middle of said ledge and 110 feet on the WEST side from the middle of said ledge. That said point of discovery is shown by a certain WOOD POST and is 110 linear feet in a EASTERLY direction from THE NORTHWEST CORNER OF SEC. 15 IN T.19N., R.25E.B.M.

(Here state any natural object or monument which will identify the point of discovery or the location)

The adjoining claims are: ROADSIDE NO.9 ON THE EAST

ROADSIDE NO.4 ON THE NORTH

That said claim is situate in the McDEVITT Mining District, in the County of LEMHI, State of Idaho.

LOCATOR

I.C. Porter

G.W. Burkman

No. 89137

Quartz Mining Location Notice

Claim

STATE OF IDAHO } ss.
County of

I hereby certify that this instrument was filed for record at the request of

at minutes past o'clock M., this day of A. D., in my office and duly recorded in book of Mining Claims, at page

Deputy Recorder District County, Idaho

STATE OF IDAHO } ss.
County of Lemhi

I hereby certify that this instrument was filed for record at request of I. C. Porter at 37 minutes past 9 o'clock A. M., this 26th day of May, A. D. 19 58 in my office, and duly recorded in Book 9 of Mining Claims, at page 370-371

W. W. Simmonds
Ex-Officio Recorder.
Lemhi County, Idaho
By Opal Reddington
Fees, $2.00 Paid Deputy.

Compared . . . . . .
Indexed—Direct . . .
Indexed—Indirect . .

STATE OF IDAHO,
County of Lemhi } **ss.**

I, I. C. Porter

do solemnly swear that I am a citizen of the united States of America (or have declared my intention to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE NO. 10 **ledge, lode or claim, that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and that I have opened up new ground to the extent or depth of ten feet as required by the laws of Idaho, and that all stakes and monuments or trees marking boundaries of said claim are in proper place and position.**

I. C. Porter

Subscribed and sworn to before me this 26th **day of** May, **A. D. 19** 58

W. W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

NOTICE OF QUARTZ LOCATION

TO WHOM IT MAY CONCERN:

Notice is hereby given, that IRVIN C. PORTER AND G.W. BURKMAN

citizen of the United States of America (or ha declared h intention to become such), of the age of twenty-one years, did on the 20 day of MAY, 19 58 discover a vein or lode of Quartz or rock in place, bearing gold, silver, or other precious metals or valuable deposits, within the limits of the hereinafter described claim, do this 24 day of MAY, 19 58, hereby under and in accordance with the Revised Statutes of the United States (Chapter VI Title XXXII) and laws of the State of Idaho

ROADSIDE NO.I2 MINING CLAIM

That said claim extends 1400 linear feet in a NORTH direction along said vein or lode from the point of discovery, and 100 linear feet in a SOUTH direction along said vein or lode from the point of discovery; and extends 300 feet on the WEST side from the middle of said ledge and 300 feet on the EAST side from the middle of said ledge. That said point of discovery is shown by a certain WOOD POST and is 480 linear feet in a WESTERLY direction from THE SOUTHEAST CORNER OF SEC.9 T.19N., R.25E.B.M.

(Here state any natural object or monument which will identify the point of discovery or the location)

The adjoining claims are: ROADSIDE NO.5 ON THE EAST

B.&P. NO.I ON THE WEST

That said claim is situate in the McDEVITT Mining District, in the County of LEMHI, State of Idaho.

LOCATOR

I. C. Porter

G.W. Burkman

No.....

Quartz Mining Location Notice

.....Claim

STATE OF IDAHO } ss.
County of.....

I hereby certify that this instrument was filed for record at the request of.....

.....at.....minutes past.....o'clock.....M., this.....day of.....A. D. .....in my office and duly recorded in book.....of.....Mining Claims, at page.....

Deputy Recorder .....District .....County, Idaho

STATE OF IDAHO } ss.
County of Lemhi

I hereby certify that this instrument was filed for record at request of I. C. Porter at 39 minutes past 9 o'clock A. M., this 26th day May, A. D. 19 58 in my office, and duly recorded in Book 0 of Mining Claims, at pages 371-372

W. W. Simmonds
Ex-Officio Recorder.
Lemhi County, Idaho
By Opal Reddington Deputy.
Fees, $2.00 Paid

Compared - - - - - -
Indexed - Direct - - -

STATE OF IDAHO,
County of Lemhi } **ss.**

I, I. C. Porter

do solemnly swear that I am a citizen of the united States of America (or have declared my intention to become such) and that I am acquainted with the mining ground described in this notice of location and herewith called the ROADSIDE L.C. 12 **ledge, lode or claim, that the ground and claim therein described or any part thereof has not to the best of my knowledge and belief been located according to the laws of the United States and of this State, or if so located that the same has been abandoned or forfeited by reason of the failure of such former locators to comply in respect thereto with the requirements of said laws, and that I have opened up new ground to the extent or depth of ten feet as required by the laws of Idaho, and that all stakes and monuments or trees marking boundaries of said claim are in proper place and position.**

I. C. Porter

Subscribed and sworn to before me this 26th **day of** May, **A. D. 19**58.

W. W. Simmonds, Ex-Officio Recorder

By Opal Reddington
Deputy

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

OFFICIAL FILE COPY
DMEA
RECEIVED 28 1958

May 26, 1958

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

Re: New Application (Thorium-Uranium)
Empire Explorations Inc.
Buffalo, et al. Group of claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application for DMEA aid to explore for thorium-uranium in Lemhi County, Idaho. The estimated cost of the project is $125,000. Only one copy each of the following documents were received:

1. Option dated August 7, 1956.
2. Option to Purchase Mining Property dated June 10, 1955.
3. Agreement dated March 11, 1953.
4. Assignment dated March 25, 1953.
5. Option to Purchase Mining Property dated January 15, 1954.
6. Permission to Survey dated July 26, 1956.
7. Agreement dated March 25, 1953.

Copies of the foregoing were made for our files.

D. C. Alvord met the applicants while he was in the area and made an examination May 13 and 15. The report is in preparation. It is possible that an approval may be recommended.

Sincerely yours,

A. E. Weissenborn

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

Enclosures

cc: USBM (2)
Alvord

Form MF-103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

DMEA

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

RECEIVED MAY 22 1958 U. S. G. S. SPOKANE, WASH.

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

Empire Explorations Inc.

Joseph A. Volpe President

~~Box 531 Salmon Idaho~~

letter, undated rec. 8/4/58
87 Lincoln Ave., Somerville, N.J.

APPLICANT NOT TO USE THIS BLOCK

Docket Number	DMEA-5034
Date Received	5-28-58
Government Participation %	
Region	I
Division Code	700

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [X]
- Partnership [ ]
- Other (Specify) [ ]

State in which firm is organized: Idaho

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Joseph A. Volpe	87 Lincoln Ave. Somerville N. J.	Pres.
Lawrence Ferraro	345 Elizabeth Ave. Bound Brook N. J.	Acting Secretary
Douglas Crane	Vanderveer Rd. Somerville N. J.	Secretary
Joseph Modzelewski	Country Club Rd. 2 Somerville N. J.	Treasurer

Mineral(s) for which you wish to explore: Thorium Uranium Rare Earths

Estimated Cost of Project: $125,000, One Hundred And Twenty Five Thousand

LOCATION OF PROPERTY

Name	County	State
McDevitt Mining District	Lemhi	Idaho

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Revised, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals,* of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

MAY-11th-1958
Dated

Joseph A. Volpe
BY (Signature)

Pres. Empire Explorations Inc.
Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

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

7. *(a)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 25960

EMPIRE EXPLORATION LIMITED, In
Jodeph A. Volpe Prés.
Box 531 Salmon, Idaho

RECEIVED
MAY 22 1958
U. S. G. S.
SPOKANE, WASH.

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Subject Matter: Addittional Information---

Empire Explorations Limited Inc owns the priviliges of a purchase mineral lease from the following: Irvin C. Porter Box 634 Salmon Idaho, Frank Hussey Salmon Idaho--Known as the Buffalo Claims. The roadside group of claims are leased from Irvin C. Porter same address, and Glen ~~Burkman-156 Seventh St.~~ Idaho Falls, Idaho. These claims situated in Lemhi County, better known as the Mc Devitt Minning District, are filed and recorded in the Salmon County Court House. They are recorded as follows: Buffalo-Buffalo 1-2-4. In book 3 Pages 372-373-437. Storm Book 1 Page 66. Sunnyside Book 1 Page 65. Roadside, Roadside 1-2-3-4-5. All book 5 Pages 335-336-337-523-524-525. Roadside 6 in Book 7 page 187 Roadside 7-8- Book 8 page 34. Empire owns the leases to approx. 1012 Acres of school lands not included or not adjacent to the claim in this application. There are no liens, Mortgages, or encumbrances against this property.

The extent of our work so far has been by bulldozzer and crosscutting of veins in interest. Same cuts are located on enclosed map, and a description of each cut is refered to in Legend accompained with map. The map also shows the course of the veins supposedly bearing minerals-Thorium-Uranium-Rare Earth. Enclosed with application is a survey map of entire claims in this application Completed May 11th 1958 for this application by Hugh Coiner, Licensed Surveyor

Located on the claim known as Buffalo 1, is an old copper mine tunnel. This tunnel is located on the survey map and the detail map. Also enclosed is a third detail map of the tunnel. Recordings of radioactivity are quite obivious; and an inspection of this map alone should warrant an approval of this application. All points of interest are pegged and located on map.

We have cut our own road to established base camp. We have leveled a 1500 sq ft. section for base camp. We must cut a new road ½ mile in length

in order to lead us to closest rail head in the event of production. The estimated distance to railhead is 30 miles.

Samples for assaying have been submitted to Dr. Allen Jones, Grand Junction Colorado, Atomic Energy Commission. Results of assays are not available at the present. Empire has its own assaying equiptment (tracer lab) and has ~~produced~~ assayed samples of veins recording 7% thorium and 2% Uranium on occasion. The thorium samples are constant and numerous. These samples have been run by Dr. Thomas Stoelting, Corporation Geologist. address P.O. Box 186 Flemington, New Jersey. All assays have been of surface samples.

The scope of Exploration work to be done pertains primarily to drilling, drifting with bulldozzer, assaying, and recording all findings by competent exploration men; in order to block out and estimate the amount and quality of ore marketable. This work will take an estimated four months to complete. Empire is ready to work as soon as loan is granted.

Cost of operation (estimated)

Bulldozzer for drifting, crosscutting, and leveling of drill sites. We are accoustomed to paying and hourly rate of $16.00 Inclusive of labor, for D 7 with ripper attachment. Estimated cost for drifting $7,890. Estimated cost for crosscutting $5860.00. Estimated cost for leveling drill sites $1200.00. The Diamond Drill Co. of Salmon Idaho charges $7.50 per foot for drilling. An estimate of 10 thousand feet of drilling will be required to block and determine quality of ore at a cost of Seventy five thousand dollars. Assaying cost-$6 per assay for thorium and Uranium. One hundred and fifty assays or a cost of $900.00. Assaying of rare earths $600.00. Sample bags and shipping charges for same $400.00. Labor charges $600.00 per month per man for three months for two men full time and one man half time. cost--$4,500.00. Consultant geologist estimate-$2000.00. Total estimate cost $98,350.00

EMPIRE EXPLORATION LIMITED, In
Joseph A. Volpe Pres.
Box 531 Salmon, Idaho

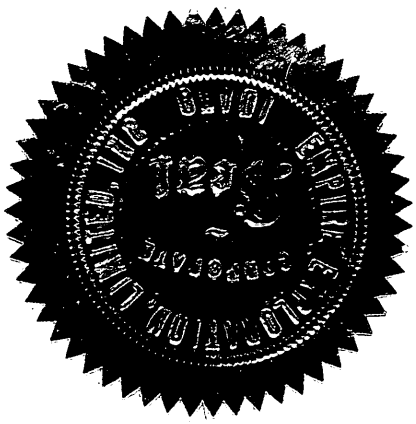
Empire Explorations Limited Inc. has its own base camp in operation, and full facilities for living quarters. We have a driven well on campsite for water. The corporation owns $50,000.00 worth of exploration equiptment, which will be available for this project. We will be in a position to raise money for operating expenses, if this loan is granted. In the event the loan is granted, we will hold a stockholders meeting and raise the necessay capitalization for exploration.

Signed & sealed this 11th day of May 1958

Joseph A. Volpe

President Empire Explorations Inc.

Acting Sect. Tres Empire Explorations Inc



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SPOKANE, WASH.

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THIS OPTION, made this 7th day of August, 1956, by and between IRVIN C. PORTER and CARRIE B. PORTER, husband and wife, of Salmon, Idaho, and GLEN W. BURKMAN and BEULAH G. ~~BURKMAN~~, husband and wife, to be known hereinafter as the OPTIONORS, and EMPIRE EXPLORATION LIMITED INC., to be known hereinafter as the OPTIONEE,

WITNESSETH:

For a valuable consideration, the receipt whereof is hereby acknowledged, the OPTIONORS hereby give and grant unto the OPTIONEE this option to lease and to purchase the hereinafter described Mining Property under the terms and the conditions as set forth hereinafter, to-wit:

> Roadside numbers 6, 7, and 8 and B and P numbers 1 and 2 in the McDevitt Mining District, Lemhi County, State of Idaho, and a more particular description of all of the above stated mining claims may be found in the location notices thereof as recorded in the office of the county recorder of Lemhi County at Salmon, Idaho.

IT IS AGREED AND UNDERSTOOD BETWEEN ALL PARTIES HERETO, that this option shall be in force immediately and the optionors hereby acknowledge receipt in the sum of $100.00 heretofore paid on said option and it is further understood and agreed that this option shall remain in full force and effect as long as the optionee continues to pay the sum of $100.00 per month hereafter until the full purchase price of $175,000.00 has been paid at which time the said optionee shall receive and be entitled to a standard mining deed from the optionors giving to the optionee a clear title to said premises free of all incumbrances except the Paramount Title of the United States. It is further understood and agreed that the optionee shall pay to the optionors and said $100.00 per month as above set forth or a 10 per cent net royalty which ever shall be the higher, of the two, each and every month during the years until the hereinafter stated purchase price for said Mining Property has been paid in full by the optionee.

By "Net" royalty shall be understood the GROSS value of all ores, concentrates, bullions, gold, metals and anything else, or any and all other forms in which the products of said Mining Property are being marketed and/or sold by the optionee, Less transportation charges of any and all types paid for the conveyance of said minerals to any reduction plant, smelter, mint or Stock-pile location, Less the treatment charges at any and all of the above stations, Less any and all taxes which are or will be levied against the mine and/or the Mineral products therefrom by either Federal, State or County Laws.

The Optionee shall operate said Mining Porperty at his sole discretion but in accordance with the Federal, State and County Laws governing all mining activities, and he may discontinue operations at any time for any length of time - if so desirable- the Optionee must pay, however, to the optionors the hereintofore stated monthly minimum advance royalty. The optionee agrees to perform sufficient annual labor so as to meet the requirements of at least $100.00 per claim per year and such work to be finished and recorded in the office of the County Recorder of Lemhi County not later than June 1st of every year during the term of said agreement. A copy of the recorded "Proof of Labor" shall be submitted to the optionors immediately upon recordation by the optionee.

IT IS AGREED AND UNDERSTOOD BETWEEN ALL PARTIES HERETO, that the pruchase price for the hereintofore described Mining Property shall be and is ONE HUNDRED SEVENTY FIVE THOUSAND($175,000.00) DOLLARS, to be paid by the optionee to the optionors in the heretofore stated and agreed upon manner and in none other manner whatsoever. The optionors, then, will warrant title to said Mining Property second only to the paramount title vested into the U. S.

This option and said Lease-Purchase Agreement is and shall be exclusive and binding upon the heirs, assigns, executors and administrators of all parties to this agreement

The optionee shall have the right, to patent the herein tofore described Mining Claims at his sole cost and expense but in the names of the optionors.

In case of default by the optionee, the period of grace in which to redeem such default shall be 120 days from the day of notification by the optionors to the optionee. In case of default on royalty payments the period of grace shall be 30 days after the day of notification. In case of actual default, the optionee shall have 120 days in which to remove all of his equipment, personal or otherwise from said property.

The optioners agree to protect the hereintofore stated Mining Property and to protect and save harmless the occupancy and rights of the optionee under this option and said Lease-Purchase against all claims and claimants whatsoever, and including any claims of lien or other accerted indebtedness against said Mining Property or the rights of occupancy by any and all mechanics liens during the life of this option and said Lease-Purchase-Agreement. There shall be inserted into said Agreement the usual act of God clause.

IT IS AGREED AND UNDERSTOOD BETWEEN THE PARTIES HERETO, That, at any time during the life of this option or the said Lease-Purchase-Agreement, the optionee has the right to cancel out this option and/or said Lease-Purchase-Agreement without any further obligations on the part of the optionee, exepting all royalties due at such time and the optionee may then at his sole expense remove within 120 days all of his machinery and equipment and all other personal property of every nature whatsoever from said Mining Property. All royalty payments made by the optionee to the optionors, advance or operational, on said Mining Property, shall be considered as rentals and liquidated damages and shall be retained by the optionors.

This option may be assigned by the optionee at any time at the sole discretion of the optionee without any further request

by the optionee or notice to the optionors; and said Lease-Purchase Agreement shall be entered into by all parties hereto and/or their assigns under the same terms and conditions.

IN WITNESS WHEREOF, all parties hereto have hereunto set their hands this 7th day of August, 1956.

Glen W. Burkman
Freda A. Burkman
Irvin C. Porter &
Carrie B. Porter
First Parties

Second Party

STATE OF IDAHO :
::: - ss
County of Lemhi :

On this 7th day of August, 1956, before me, the undersigned, a Notary Public in and for said State, personally appeared IRVIN C. PORTER, CARRIE B. PORTER, husband and wife, ~~GLEN W. BURKMAN~~, ~~[illegible]~~ known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

Notary Public for the State of Idaho
Residing at Salmon, Idaho

STATE OF IDAHO :
::: - ss
County of Lemhi :

On this 7th day of August in the year 1956, before me, the undersigned, a Notary Public in and for the said State, personally appeared Thomas Stoelting known to me to be the manager of the corporation that executed this instrument or the person who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

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

Notary Public for the State of Idaho
Residing at Salmon, Idaho

STATE OF IDAHO :
::: - ss
County of Bonneville :

On this 24th day of ~~August~~ Sept., 1956, before me, the undersigned, a Notary Public in and for said State, personally appearly BEULAH G. BURKMAN, Glen W. Burkman known to me to be the persons whose name is subscribed to the within instrument and acknowledged to me that ~~she~~ THEY executed the same.

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

Notary Public for Idaho
Residing at Idaho Falls, Idaho.

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MAY 22 1958
U. S. G. S.
SPOKANE, WASH.

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OPTION TO PURCHASE MINING PROPERTY

THIS OPTION, Made this 10th day of June, 1955, by and between IRVIN C. PORTER and CARRIE B. PORTER, husband and wife, of Salmon, Lemhi County, Idaho, and GLEN W. BURKMAN and BEULAH G. BURKMAN, husband and wife, of Idaho Falls, Bonneville County, Idaho, to be known hereinafter as the Optionors, and THOMAS STOELTING of Gooding, Gooding County, Idaho, to be known hereinafter as the Optionee,

WITNESSETH:

For a valuable consideration, the receipt whereof is hereby acknowledged, the optionors hereby give and grant unto the optionee this option to lease and to purchase the hereinafter described mining property under the terms and the conditions as set forth hereinafter, to wit:

> Roadside and Roadside No. 1 to 5, inclusive, making six (6) claims in all, all of which being lode mining claims, unpatented, and situate in the McDevitt Mining District, Lemhi County, State of Idaho, a more particular description of all of the above stated mining claims may be found in the location notices thereof as recorded in the Office of the County Recorder of Lemhi County at Salmon, Idaho.

It is agreed and understood between all parties hereto that there shall be paid concurrently herewith the sum of $100.00, and the further sum of $100.00 on the 10th day of July, 1955, and $100.00 on the 10th day of each succeeding month thereafter until six (6) such payments have been paid. Thereafter the optionee shall pay to the optionors $200.00 per month on the 10th day of each month until six (6) such payments have been made and thereafter the payments shall be $300.00 per month on the 10th day of each month until six (6) such $300.00 monthly payments have been made, and thereafter, payments shall be $400.00 per month on the 10th day of each month. All payments above described shall be considered as advanced royalty payments, and if a 10% net-gross operational royalty is larger than the hereinabove described payments,

then the optionors shall be entitled to and shall receive the 10% royalty each and every month during the years until the hereinafter stated purchase price for said mining property has been paid in full by the optionee. All royalty payments shall be sent to Fred H. Snook, Attorney at Law, Salmon, Idaho, until further notice by the optionors.

By "net-gross" royalty shall be understood the gross value of all ores, concentrates, bullion, gold, metals, raw or refined, or any and all other forms in which the products of said mining property are being marketed and/or sold by the optionee, less transportation charges of any and all types paid for the conveyance of said minerals to any reduction plant, smelter, mint or "stock pile" location, less the treatment charges at any and all of the above stations, less any and all taxes which are or will be levied against the mine and/or the mineral products therefrom by either Federal, State or County laws.

The optionee shall operate said mining property at his sole discretion but in accordance with the Federal, State and County laws governing all mining activities, and he may discontinue operations at any time for any length of time, if so desirable- the optionee must pay, however, to the optionors the hereintofore stated monthly minimum advance royalty. The Optionee agrees to perform sufficient annual labor so as to meet the requirements of at least $100.00 per claim per year and such work to be finished and recorded in the office of the County Recorder of Lemhi County not later than June 1st of every year during the term of said agreement. A copy of the recorded "Proof of Labor" shall be submitted to the optionors immediately upon recordation by the optionee.

It is agreed and understood between all parties hereto, that the purchase price for the hereintofore described mining property shall be and is TWO HUNDRED TEN THOUSAND AND NO/100 ($210,000.00) DOLLARS, to be paid by the optionee to the optionors in the hereintofore stated and agreed upon manner and in no other manner whatso-

ever. The optionors, then will warrant title to said mining property second only to the paramount title vested into the United States.

This option and said lease-purchase agreement is and shall be exclusive and binding upon the heirs, assigns, executors and administrators of all parties to this agreement.

The optionee shall have the right to patent the hereintofore described mining claims at his sole cost and expense but in the names of the optionors.

In case of default by the optionee, the period of grace in which to redeem such default shall be 120 days from the date of notification by the optionors to the optionee. In case of default on royalty payments, the period of grace shall be 30 days after the day of notification. In case of actual default, the optionee shall have 120 days in which to remove all of his equipment, personal or otherwise, from said property. All costs in connection with default notices shall be paid by the optionee.

The optionors agree to protect the hereintofore stated mining property and to protect and save harmless the occupancy and rights of the optionee under this option and said lease-purchase agreement against all claims and claimants whatsoever, and including any claims of lien or other asserted indebtedness against said mining property, or the rights of occupancy by any and all other person or persons. The optionee agrees to save harmless and free the optionors from any and all mechanics liens during the life of this option and said lease-purchase agreement. There shall be inserted into said agreement the usual act of God clause.

It is agreed and understood between the parties hereto, that, at any time during the life of this option or the said lease-purchase agreement, the optionee has the right to cancel out this option and/or said lease-purchase agreement without any further obligations on the part of the optionee, excepting all royalties

due at such times and the optionee may then at his sole expense remove within 120 days all of his machinery and equipment and all other personal property of every nature whatsoever from said mining property. All royalty payments made by the optionee to the optionors, advance or operational, on said mining property, shall be considered as rentals and liquidated damages and shall be retained by the optionors.

This option may be assigned by the optionee at any time of the sole discretion of the optionee without any further request by the optionee or notice to the optionors; and said lease-purchase agreement shall be entered into by all parties hereto and/or their assigns under the same terms and conditions.

IN WITNESS WHEREOF, all parties hereto have hereunto set their hands this 10th day of June, 1955.

Glen W. Burkman

Beulah G. Burkman

Irvin C. Porter

Carrie B. Porter

OPTIONORS

Thomas Stoelting

OPTIONEE

Witness Willis Cheney

June 17th. 1957.
For the sum of $1.00, to me in hand received, I hereby assign this Option To Purchase Mining Property, to the Empire Exploration Limited Inc.

Thomas Stoelting

Witness: Willes Cheney

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STATE OF IDAHO

County of Lemhi--SS

On this 17th day of June, 1955, before me, the undersigned, a Notary Public in and for said State, personally appeared Irvin C. Porter and Carrie B. Porter, husband and wife, and Glen W. Burkman and Beulah G. Burkman, husband and wife, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

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

Frederick Hughes Snook
Notary Public for Idaho,

Residing at Salmon, Idaho

STATE OF IDAHO

County of Gooding--SS

On this_____day of June, 1955, before me, the undersigned, a Notary Public in and for said State, personally appeared Thomas Stoelting, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

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

_____
Notary Public for Idaho,

Residing at Gooding, Idaho

AGREEMENT

THIS AGREEMENT, Made and entered into the 11th day of March

in the year of our Lord one thousand nine hundred and fifty-three

BETWEEN EARL PYEATT and MARGARET PYEATT, husband and wife, and G. ELMO SHOUP, an unmarried man,
the parties of the first part, and

IRVIN C. PORTER

the party of the second part,

WITNESSETH, That the said parties of the first part, in consideration of the covenants and agreements on the part of the said party of the second part, hereinafter contained, agree to sell and convey unto the said party of the second part, and the second party agrees to buy all those ~~certain lot, piece or parcel of land situate, lying and being in , County of , and State of Idaho, and bounded and particularly described as follows, to-wit:~~ certain unpatented mining claims in the McDevitt Mining District, Lemhi County, Idaho, as follows, to wit:

Buffalo Lode, Buffalo #1, Buffalo #2, Storm, Sunshine and

Buffalo #4.

for the sum of TEN THOUSAND AND NO/100 ($10,000.00)- - - - - - - - - Dollars, lawful money of the United States and the said party of the second part, in consideration of the premises, agrees to pay to the said parties of the first part therefor, the said sum of TEN THOUSAND AND NO/100 ($10,000.00)- - - - - - - -Dollars, as follows, to-wit:

$3,000.00 at the time of the execution of this agreement, the receipt whereof is hereby acknowledged;

$2,000.00 on or before March 10, 1954;
$2,000.00 on or before March 10, 1955;
$2,000.00 on or before March 10, 1956; and,
$1,000.00 on or before March 10, 1957; and,

There shall be no interest on the deferred balances if paid when due; otherwise, interest shall be charged at the rate of 6% per annum.

It is understood and agreed that the party of the second part shall do all necessary assessment work on the said mining property and properly record the same for the protection of the owners and any buildings constructed on the said premises shall remain on the premises in the event of a forfeiture, but the party of the second part shall have the right to remove any machinery and equipment placed thereon within a reasonable length of time after said forfeiture.

It is further understood and agreed that in the event of a forfeiture or termination of this agreement, that the present lessees, namely, I. C. Porter, G.W. Burkman and G. Elmo Shoup, shall have the right to re-occupy said premises according to the terms of the present lease which said lease is hereby discontinued and shall remain inoperative unless such forfeiture should occur.

And the said party of the second part agree to pay all State, County and Municipal taxes, or assessments of whatsoever nature, which are or may become due on the premises above described starting with the year 1953.

In the event of a failure to comply with the terms hereof, by the said party of the second part, the said parties of the first part shall be released from all obligation in law or equity to convey said property, and said part of the second part shall forfeit all right thereto, unless the terms of this agreement are complied with after THIRTY days' registered notice by mail,

and all payments made on said property shall be considered as rentals and liquidated damages. And the said part ies of the first part, on receiving such payment, at the time and in the manner above mentioned, agree to execute and deliver to the said party of the second part, or to his assigns, a good and sufficient ~~warranty~~ deed to said premises, free from all incumbrances, subject to the paramount title of the United States, which said deed has been executed and has been left in escrow with Fred H. Snook, Attorney at Law, Salmon, Idaho.

~~And the said party of the first part agree to furnish to the said party of the second part merchantable abstract of title to said premises certified down to~~

and it is understood that the stipulations aforesaid are to apply to and bind their heirs, executors, administrators and assigns of the respective parties. Time is the essence of this agreement.

IN WITNESS WHEREOF, The said parties to these presents have hereunto set their hands and seals, the day and year first above written.

SIGNED, SEALED AND DELIVERED IN PRESENCE OF

Irvin C. Porter

Party of second part

Earl Pyeatt (Seal)

Margaret L. Pyeatt (Seal)

C. Elmo Shoup (SEAL)

Parties of first part

STATE OF IDAHO, }
County of Lemhi } ss.

On this 11th day of March in the year 19 53, before me the undersigned a Notary Public in and for said State, personally appeared Earl Pyeatt, Margaret Pyeatt, C. Elmo Shoup and Irvin C. Porter, all known to me to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

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

NOTARY PUBLIC

Frederick Douglas Snook

Notary Public for the State of Idaho,
Residing at Salmon, Idaho.

No.

Agreement to Sell Real Estate

—TO—

Dated ....., 19....

STATE OF IDAHO, }
COUNTY OF LEMHI } ss.

I hereby certify that this instrument was filed for record at request of ..... at ..... minutes past ..... o'clock ..... M, this ..... day of ....., A. D. 19.... in my office, and duly recorded in Book ..... of ..... at page .....

Ex-Officio Recorder.

By ..... Deputy.

Fees, $.....

Mail to .....

RECORDER HERALD PRINT

Frederick Hughes Snook
ATTORNEY AT LAW
SALMON, IDAHO

A S S I G N M E N T

For a valuable consideration, the receipt whereof is hereby acknowledged, we, the undersigned IRVIN C. PORTER and CARRIE B. PORTER, husband and wife, of Salmon, Idaho, do hereby sell, assign, transfer, convey and set over to FRANK HUSSEY of Lemhi County, Idaho, an undivided one-half interest in and to all of our rights acquired under that certain sales agreement dated March 11, 1953, wherein Earl Pyeatt and Margaret Pyeatt, husband and wife, and G. Elmo Shoup, an unmarried man, are the parties of the first part, and Irvin C. Porter is the party of the second part, covering the following described mining claims in the McDevitt Mining District, County of Lemhi, State of Idaho, to wit:

Buffalo Lode, Buffalo #1, Buffalo #2, Storm, Sunshine and Buffalo #4.

Meaning and intending that the said Frank Hussey shall be the owner of an undivided one-half interest in said agreement.

IN WITNESS WHEREOF, We have hereunto set out hands this 25th day of March, 1953.

Irvin C Porter
Carrie B. Porter

STATE OF IDAHO
County of Lemhi--SS

On this 25th day of March, 1953, before me, the undersigned, a Notary Public in and for said State, personally appeared Irvin C. Porter and Carrie B. Porter, husband and wife, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

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

Frederick Hughes Snook
Notary Public for Idaho, Residing at Salmon, Idaho.

FREDERICK HUGHES SNOOK NOTARY PUBLIC
FRED H. SNOOK
LAWYER
SALMON, IDAHO

RECEIVED
MAY 22 1958
U. S. G. S.
SPOKANE, WASH.

DUPLICATE
COPY No: 1

28 1958

OPTION TO PURCHASE MINING PROPERTY

THIS OPTION, made this 15th day of January, 1954, by and between IRVIN C. PORTER and CARRIE B. PORTER, husband and wife, of Salmon, Idaho, and FRANK HUSSEY of Lemhi County, Idaho, to be known hereinafter as the OPTIONORS, and THOMAS STOELTING, OF Glenns Ferry, Idaho, to be known hereinafter as the OPTIONEE,

WITNESSETH:

For a valuable consideration, the receipt whereof is hereby acknowledged, the OPTIONORS hereby give and grant unto the OPTIONEE this Option to lease and to purchase the hereinafter described Mining Property under the terms and the conditions as set forth hereinafter, to-wit:

> BUFFALO LODE, BUFFALO No: ONE, BUFFALO No: TWO, STORM, SUNSHINE and BUFFALO No: FOUR, ---------- ALL OF WHICH BEING LODE MINING CLAIMS, UNPATENTED, AND SITUATE IN THE McDEVITT MINING DISTRICT, LEMHI COUNTY, STATE OF IDAHO, AND A MORE PARTICULAR DESCRIPTION OF ALL OF THE ABOVE STATED MINING CLAIMS MAY BE FOUND IN THE LOCATION NOTICES THEREOFAS RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF LEMHI COUNTY AT SALMON, IDAHO.----------

IT IS AGREED AND UNDERSTOOD BETWEEN ALL PARTIES HERETO, that the life of this Option shall be from the date of its indenture up to and including the 15th day of July, 1954, providing, however, that the Optionee shall pay the sum of Two Thousand ($:2,000.00) Dollars on or before the 10th day of March 1954 into that certain escrow agreement deposited with FRED H. SNOOK, Attorney at Law, Salmon, Idaho, pertaining to that certain sales agreement dated March 11, 1953, wherein Earl Pyeatt and Margaret Pyeatt, husband and wife, and C. Elmo Shoup, an unmarried man, are the parties of the first part, and Irvin C. Porter is the party of the second part, covering the above described Lode Mining Claims. Failure by the Optionee to make said payment shall automatically cancel this Option.

DUPLICATE
COPY NO: 1

IT IS AGREED AND UNDERSTOOD BETWEEN ALL PARTIES HERETO, that ninety (90) days after the Optionee has exercised his right to this Option, the Optionee shall pay to the Optionors a monthly advance royalty of THREE HUNDRED ($:300.00) DOLLARS or a TEN PER CENTUM (10%) Net-Gross operational royalty, which ever shall be the higher of the two, each and every month during the years until the hereinafter stated purchase price for said Mining Property has been paid in full by the Optionee to the Optionors. The Optionee is hereby requested to make all due royalty payments to the hereintofore named Escrow Officer, Fred H. Snook of Salmon, Idaho, until such time that the full purchase price for said Mining Property under the above mentioned sales agreement has been paid in full to the Owners of said Mining Property by the Optionors. Thereafter all royalty payments due shall be paid to the Optionors or their orders directly.

The Optionee agrees herewith to pay into said escrow on March 10th 1955 the difference between the then due $:2,000.00 and the total advance and/or operational royalties paid to the Optionors during the period beginning April 1st, 1954 and ending March 1st, 1955.

By "NET-GROSS" royalty shall be understood the GROSS value of all ores, concentrates, bullion, gold, metals raw or refined, or any and all other forms in which the products of said Mining Property are being marketed and/or sold by the Optionee, LESS transportation charges of any and all types paid for the conveyance of said minerals to any reduction plant, smelter, mint or "Stock-pile" location, LESS the treatment charges at any and all of the above stations, LESS any and all taxes which are or will be levied against the mine and/or the Mineral products therefrom by either Federal, State or County Laws.

The Optionee shall operate said Mining Property at his sole discretion but in accordance with the Federal, State and County Laws governing all

DUPLICATE
Page: TWO

DUPLICATE
Cover Page

THIS AGREEMENT AND PROMISSORY NOTE, that ninety (90) days after the optionee has exercised his right to this option, the optionee shall pay to the optionors a monthly advance royalty of Three Hundred ($300.00) Dollars or a TWO PER CENTUM (1%) Net-Gross operational royalty, which ever shall be the higher of the two, each and every month during the years until the hereinafter stated purchase price for said mining property has been paid in full by the optionee to the optionors. The optionee is hereby obligated to pay all the royalty payments to the hereinabove named optionors, their heirs, and assigns in the full amount of Three Hundred Dollars, and such payments shall be made on or before the 15th day of each month for said mining property under the above conditions until expenses have been paid in full to the owners of said mining property by the optionee, thereafter all royalty payments shall be paid to the optionors or their order directly.

The optionee agrees hereby to pay the said optionors as such, with 10% the difference between the amount paid to the optionors and the total advance and/or operational expenses paid to the optionee during the period beginning April 1st, 1971 and ending March 1st, 1972.

The "Net-Gross" royalty shall be understood the gross value of all ores, concentrates, nodules, etc. which may be mined, or on or under all land here in which the proceeds of said mining property are being exploited or utilized by the optionee, less transportation charges or any and all prices paid for the ownership of said mining property, production taxes, sales, and excise taxes, and/or essential tooling, less the transport charges of any and all of the above stated, but any and all taxes which are or will be levied against the said mining property, including taxes by other federal, state or county laws.

The optionee shall operate said mining property at his own expense and in accordance with the laws of the state and county laws governing it.

DUPLICATE
Cover Page

DUPLICATE
COPY No: 1

Mining activities, and he may discontinue operations at any time for any length of time - if so desirable - the Optionee must pay, however, to the Optionors the hereintofore stated monthly minimum advance royalty. The Optionee agrees to perform sufficient annual labor so as to meet the requirements of at least $:100.00 per claim per year and such work to be finished and recorded in the office of the County Recorder of Lemhi County not later than June 1st of every year during the term of said agreement. A copy of the recorded "Proof of Labor" shall be submitted to the Optionors immediately upon recordation by the Optionee.

IT IS AGREED AND UNDERSTOOD BETWEEN ALL PARTIES HERETO, that the purchase price for the hereintofore described Mining Property shall be and is Two HUNDRED AND TEN THOUSAND ($210,000.00) DOLLARS, to be paid by the Optionee to the Optionors in the hereintofore stated and agreed upon manner and in none other manner whatsoever. The Optionors, Then, will warrant title to said Mining Property second only to the paramount title vested into the United States.

This Option and said Lease-Purchase Agreement is and shall be exclusive and binding upon the heirs, assigns, executors and administrators of all parties to this agreement.

The Optionee shall have the right, to patent the herein tofore described Mining Claims at his sole cost and expense but in the names of the Optionors.

In case of default by the Optionee, the period of grace in which to redeem such default shall be 120 days from the day of notification by the Optionors to the Optionee. In case of default on royalty payments the period of grace shall be 30 days after the day of notification. In case of actual default, the Optionee shall have 120 days in which to remove all of his equipment, personal or otherwise, from said property.

DUPLICATE
Page: THREE

DUPLICATE
COPY No: 1

mining activities, and be may discontinue operations at any time for any length of time - if so desired - the optionee must pay, however, to the optionors the hereinbefore stated monthly minimum advance royalty. The optionee agrees to perform such labor and labor as to meet the requirements of at least $100.00 per mile per year and work to be finished and recorded in the office of the County Recorder of Lyon County and forwarded to the list of every year during the term of this agreement. A copy of the recorded "Proof of Labor" shall be supplied to the optionors immediately upon recordation by the optionee.

IT IS AGREED AND UNDERSTOOD BETWEEN ALL PARTIES HERETO, that the purchase price for the hereinbefore described mining property shall be and is Two HUNDRED AND TWENTY THOUSAND ($210,000.00) DOLLARS, to be paid by the optionee to the optionors in the hereinbefore stated and agreed upon manner and in some other manner whatsoever. The optionors then will warrant title to said mining property absolutely to the purchaser title vested into the United States.

This Option and said Purchase Agreement is and shall be exclusive and binding upon the parties, assigns, successors and administrators of all parties to this agreement.

The optionee shall have the right, to patent the herein before described mining claims at his sole cost and expense but in the name of the optionors.

In case of default by the optionee, the period of grace in which to remedy such default shall be 120 days from the day of notification by the optionors to the optionee. In case of default on royalty payments the period of grace shall be 30 days after the day of notification. In case of default, the optionee shall have 120 days in which to remove mining plant, equipment and other property from said property.

DUPLICATE
COPY THREE

DUPLICATE
COPY No: 1

The Optionors agree to protect the hereintofore stated Mining Property and to protect and save harmless the occupancy and rights of the Optionee under this Option and said Lease-Purchase-Agreement against all claims and claimants whatsoever, and including any claims of lien or other asserted indebtedness against said Mining Property, or the rights of occupancy by any and all other person or persons. The Optionee agrees to save harmless and free the Optionors from any and all mechanics liens during the life of this Option and said Lease-Purchase-Agreement. There shall be inserted into said Agreement the usual act of God clause.

IT IS AGREED AND UNDERSTOOD BETWEEN THE PARTIES HERETO, that, at any time during the life of this Option or the said Lease-Purchase-Agreement, the Optionee has the right to cancel out this Option and/or said Lease-Purchase-Agreement without any further obligations on the part of the Optionee, exepting all royalties due at such time and the Optionee may then at his sole expense remove within 120 days all of his machinery and equipment and all other personal property of every nature whatsoever from said Mining Property. All royalty payments made by the Optionee to the Optionors, advance or operational, on said Mining Property, shall be considered as rentals and liquidated damages and shall be retained by the Optionors.

This Option may be assigned by the Optionee at any time at the sole discretion of the Optionee without any further request by the Optionee or notice to the Optionors; and said Lease-Purchase-Agreement shall be entered into by all parties hereto and/or their assigns under the same terms and conditions.

IN WITNESS WHEREOF, all parties hereto have hereunto set their hands this 15th day of January, 1954.

THIS INSTRUMENT CONSISTS OF FIVE PAGES

DUPLICATE
Page: FOUR

DUPLICATE
COPY NO. 1

The parties hereto intend the mortgaged land and buildings thereon to be subject to the lien hereunder, and the rights of the optionee under this option and lease-purchase agreement against all claims and encumbrances whatsoever, including any claims of lien or other material liens or claims against said building property, or the rights of mortgagee by any and all other persons or persons. The optionee agrees to give notice and from the optionors from any and all mechanics liens during the life of this option and said lease-purchase agreement, in the event is asserted into said agreement the same and of the clause.

It is hereby expressly understood between the parties hereto, that, at any time during the life of this option or the said lease-purchase agreement, the optionee has the right to cancel and terminate said option and lease-purchase agreement without any further obligations on the part of the optionee, accepting all rights and obligations and the optionee may then at his sole expense remove within 120 days all of his machinery and equipment and all other personal property of every nature whatsoever from said building property. All repair expenses made by the optionee to the optionors, shall be considered as rentals and liquidated damages and shall be retained by the optionors.

This option may be assigned by the optionee at any time, at the sole discretion of the optionee without any further recourse by the optionee or notice to the optionors, and shall be binding upon and shall be extended unto all parties hereto, their respective heirs and assigns.

In witness whereof, we have hereunto set our hands this 11th day of January 1963.

[illegible]

DUPLICATE
COPY NO. 1

DUPLICATE
COPY No: 1

IN WITNESS WHEREOF, all parties hereto have hereunto set their hands this 15th day of January, 1954.

Irvin C Porter

Carrie B Porter

Frank Hussey

OPTIONORS

Thomas Stoelting

OPTIONEE

STATE OF IDAHO, }
COUNTY OF LEMHI } SS

On this 15th day of January, 1954, before me, the undersigned, a Notary Public in and for said state, personally appeared IRVIN C. PORTER, CARRIE B. PORTER, husband and wife, and FRANK HUSSEY, and THOMAS STOELTING, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

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

Wm S Jaker

Notary Public for Idaho
Residing at Salmon, Idaho
My Commission expires: 4/26/1956

DUPLICATE
Page: SIX

DUPLICATE

COPY No: 1

IN WITNESS WHEREOF, the parties have to have hereunto set their hands this fifth day of January, 1984.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

STATE OF IDAHO,
COUNTY OF [illegible]

On this fifth day of January, 1984, before me, the undersigned, a Notary Public in and for said State, personally appeared [illegible], [illegible], [illegible], [illegible], [illegible], and [illegible], known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

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

[illegible]

Notary Public for Idaho
Residing at [illegible], Idaho
My Commission expires [illegible]

DUPLICATE

COPY

RECEIVED
MAY 22 1958
U. S. G. S.
SPOKANE, WASH.

PERMISSION TO SURVEY AND IF NECESSARY CHANGE STAKES AND MONUMENTS

WHEREAS, the undersigned are the owners or have an interest in some unpatented mining claims in the McDevitt Mining District in Lemhi County, State of Idaho, which said mining claims have been leased to the Empire Exploration Limited, Inc., and,

WHEREAS, the said corporation has done the assessment work thereon for the past year and desires to further develop said mining properties; and,

WHEREAS, the said corporation desires to have a survey made of all of these mining claims which might result in the necessity of filing amended location notices with new descriptions in accordance with the new survey.

NOW THEREFORE, permission is hereby granted to said Empire Exploration Limited, Inc., or its agents or assigns to conduct such survey of the mining claims in which the undersigned and the said corporation are interested together, and the undersigned hereby agree that in the event said survey indicates that amended location notices should be filed in order to properly describe said mining claims with the claims known as the Buffalo Claims as the center of said survey to properly identify all of said claims with respect to their location as well as to tie the same in with any section corner deemed necessary by any surveyors, the undersigned will sign any and all instruments necessary to give full force and effect to this permit and the ultimate recording of any new instruments or amended location notices that may be necessary.

Dated this 26th day of July, 1956.

L. Elmo Sharp
Earl C. Pyeatt
Margaret L. Pyeatt
Irvin C. Porter
Carrie Porter
Frank Hussey
Beulah G. Burkman
Glen W. Burkman

DTEA
JUL 28 1958

FRED H. SNOOK
LAWYER
SALMON, IDAHO

Frederick Hughes Snook
ATTORNEY AT LAW
SALMON, IDAHO

[illegible]

1 [illegible] 2 [illegible] 3 [illegible] 4 [illegible] 5 [illegible] 6 [illegible] 7 [illegible] 8 [illegible] 9 [illegible] 10 [illegible] 11 [illegible] 12 [illegible] 13 [illegible] 14 [illegible] 15 [illegible] 16 [illegible] 17 [illegible] 18 [illegible] 19 [illegible] 20 [illegible] 21 [illegible] 22 [illegible] 23 [illegible] 24 [illegible] 25 [illegible] 26 [illegible] 27 [illegible] 28 [illegible] 29 [illegible] 30 [illegible] 31 [illegible] 32 [illegible]

Irvin C Porter Frank Hussey
Party of second part
Carrie B. Porter
Party of first part

FRED H. SNOOK
LAWYER
SALMON, IDAHO

FRED H. SNOOK
LAWYER
SALMON, IDAHO

[illegible]

[illegible]

[illegible]

[illegible]

Frederick Hughes Snook

[illegible]

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
3/2/59	Knouse	700
		~~700~~
3/3	Jeffrey	120
		~~110~~
		~~100~~
3/3	C	220
		700

MAR 3 1959

Mr. Joseph A. Volpe, President
Empire Explorations, Inc.
87 Lincoln Avenue
Somerville, New Jersey

Re: Docket No. DMEA-5034
(Thorium, uranium, and rare earths)
Buffalo, et al., Groups of Claims
Lemhi County, Idaho

Dear Mr. Volpe:

Reference is made to our letter of January 29, 1959, regarding action required to make your DMEA application eligible for consideration under the OME regulations.

We wish to cooperate with you in allowing ample time to complete such action, but, if we do not hear from you within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

(signed) FRANK E. JOHNSON (RR)
Acting Director

FLKnouse/gla
3-2-59
cc to: Director's Reading File
THKiilsgaard, 5224
FLKnouse
OME Field Team, Region I (2)

4/6/59 Nothing received

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Washington 25, D. C.

January 31, 1959

Memorandum for Docket

Subject: Withdrawal of Pending DMEA Applications

Effective this date, this pending DMEA application is considered withdrawn for statistical purposes.

If, at a later date, the applicant requests reconsideration under the OME program, all pertinent material in the DMEA file should be transferred to the new OME docket.

Frank E. Johnson
Frank E. Johnson
Acting Director

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/13/59	Knouse	700
1/22	Selfridge	120
		~~130~~
		~~180~~
1/29	C	220
		700

JAN 29 1959

Mr. Joseph A. Volpe, President
Empire Explorations, Inc.
87 Lincoln Avenue
Somerville, New Jersey

Re: Docket No. DMEA-5034
(Thorium, uranium, and rare earths)
Buffalo, et al., Groups of Claims
Lemhi County, Idaho

Dear Mr. Volpe:

Enclosed is a copy of the regulations for obtaining Federal assistance in financing mineral exploration under which the new Office of Minerals Exploration will operate.

If you wish that your partly-processed DMEA application be considered under the OME regulations, please complete and return four of the copies of the attached application, MME Form 40.

Your attention is called especially to the certification which when signed declares that you would not ordinarily undertake the proposed exploration under current conditions and circumstances at your sole expense, and to Item 1(a) - and 1(c) if applicable - which relates to information used to determine your financial eligibility under the new exploration program. Information that is included in your DMEA application need not be repeated in the OME application, but you can add new information if you so desire.

Also enclosed are twelve copies of the Lien and Subordination Agreements, MME Form 52, referred to in Item 2(c) of the application. The original and four copies of the agreement covering each group of claims, signed by all parties concerned, will be required. Early submittal of these completed copies of the forms will save time in case you apply for exploration assistance under the OME program and a contract is granted.

If you do not wish to participate in the OME program, we shall appreciate being so informed.

FLKnouse/gla 1-13-59
cc to: Director's Reading File
THKiilsgaard, 5224
FLKnouse
OME Field Team, Region I (2)

Sincerely yours,

Frank E. Johnson

Acting Director

Enclosures

8623

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

January 12, 1959

FILE COPY
G. M. E.
RECEIVED JAN 14 1959

DATE	INITIALS	CODE
1-14	C	220
1/20	2/2	130
1/20	C	220
1/21	[illegible]	700

Air Mail

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

Re: Docket No. DMEA-5034 (Thorium-uranium-rare earths)
Empire Exploration, Inc.
Buffalo claims
Lemhi County, Idaho

Dear Mr. Selfridge:

In accordance with your teletype of December 30, 1958, the Bureau of Mines has prepared a detailed cost estimate for work recommended at the referenced property. The original and three copies are enclosed.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, OME
Field Team Region I

cc: USBM (2)

Reviewed by
OME OPERATING COMMITTEE
1-20-59
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

1201 N. Division St.
Spokane 2, Washington

OFFICIAL FILE COPY O. M. E. RECEIVED JAN 14 1959		
DATE	INITIALS	CODE
1/20	JB	130
		220

January 8, 1959

MEMORANDUM

To: OME Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, Bureau of Mines

Subject: Cost analysis, Docket No. DMEA-5034 (thorium-uranium-rare earths), Empire Exploration, Inc., Buffalo Claims, Lemhi County, Idaho

This cost analysis is for bulldozing and diamond drilling at the Buffalo group of claims, Lemhi County, Idaho. The analysis is for the exploration recommended by D. C. Alvord, Geologist, U. S. Geological Survey, in his memorandum to the Field Team dated June 27, 1958.

The amended exploration proposal consists of 105 hours of bulldozer trenching, 15 hours of drill site preparation, and 1,500 feet of diamond drilling. A telephone call to Morehead and Leaf, diamond drill contractors, Spokane, Wash., indicates that the same prices would prevail as were bid on the Geo-Resources contract, Docket No. DMEA-4671 (uranium).

Should the Government decide to participate in exploration at the property, the following stage-type program and costs are recommended for consideration.

Stage I

120 hours of bulldozing with Caterpillar D-7 or equivalent

Stage II

1500 feet of diamond drilling AX size hole - minimum 3 holes and a maximum of 5 holes.

Reviewed by
OME OPERATING COMMITTEE
1-20-59
(date)

(1) Independent contracts:

Transportation of bulldozer		$ 96.00
Trenching -	105 hrs. @ $16.00/hr.	1,680.00
Drill sites -	15 hrs. @ 16.00/hr.	240.00
Diamond drilling:		
Driving standpipe	50 ft. @ $7.50/ft.	375.00
0 to 200 ft.	550 ft. @ 6.00/ft.	3,300.00
200 to 400 ft.	600 ft. @ 6.50/ft.	3,900.00
400 to 500 ft.	300 ft. @ 9.50/ft.	2,850.00
Reaming & casing	100 ft. @ 3.00/ft.	300.00
Cementing	200 ft. @ 3.00/ft.	600.00
Delays	12 hr. @ 7.50/hr.	90.00
		$13,431.00

(2) Labor and supervision:

Labor	none
Supervisor engineer or geologist - 3 mo. @ $600/mo.	$ 1,800.00
Consulting engineer or geologist - 8 da. @ 75/da.	600.00
	$ 2,400.00

(3) Operating materials and supplies	100.00
(4) Operating equipment:	
Rental - pickup truck - 3 mo. @ $150.00	450.00
(5) Rehabilitation and repairs	none
(6) New buildings, etc.	none
(7) Miscellaneous:	
Unemployment taxes, insur., etc. 14.9% of $1800	268.20
Assay - 30 samples for thoria and ReO @ $15.00 ea.	450.00
Transportation of samples	45.00
	$ 763.20
Total estimated cost of project	$17,144.20
Government participation @ 50%	$ 8,572.10

Distribution:
OME (4)
USGS (2)
USBM (2)

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
12/30/58	Knouse	700
12/30	[illegible]	130
12/30	Barch	130
12/30	Nelson	130
	On leave	~~110~~
		~~100~~
12/31	C	220
		700

DEC 30 1958

Department of the Interior

OME

1490108, Salaries and Expenses, Office of Minerals Exploration, Interior, 1959

T E L E T Y P E

A. E. WEISSENBORN, EXECUTIVE OFFICER
OME FIELD TEAM, REGION I
SOUTH 157 HOWARD STREET

SPOKANE, WASHINGTON

REFERENCE FIELD TEAM REPORT DMRA-5034 EMPIRE EXPLORATION, INC. PLEASE FORWARD DETAILED COST ESTIMATE FOR RECOMMENDED WORK.

George C. Selfridge

CHAIRMAN, OPERATING COMMITTEE (3/6)

FLKnouse/gla
12-30-58
cc to: Director's Reading File
Operating Committee
THKiilsgaard, Rm. 5224
Mr. Knouse
Confirmation to Region I

8623

Form 7
(56)

OFFICIAL FILE COPY

Date	Surname	Code
9/19	Kuoast	700
"	GOM	100

Mr. Joseph A. Volpe, President
Empire Explorations, Inc.
87 Lincoln Avenue
Somerville, New Jersey

Re: Docket No. DMEA-5034
(Thorium, uranium, and rare earths)
Lemhi County, Idaho

Dear Mr. Volpe:

As you have an application for exploration aid pending in our office, perhaps you may wish to study the proposed OME regulations and comment on them before October 17 as provided in the first paragraph of the enclosed notice reprinted from the Federal Register of September 17.

Some time after October 17 when the final regulations become effective, we will send you the new application form so you may furnish any additional information necessary to process your application for aid under the new program.

Sincerely yours,

O. G. Mitchell

ACTING Director

Enclosures

gla
9-19-58
cc to: Director's Reading File
Field Team, Region I (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/24	Knouse	700
	Martin	130
7/25	Jamison	110
25	Anthony	100
		~~87~~
		220
		225

JUL 25 1958

Mr. Joseph A. Volpe, President
Empire Explorations Inc.
87 Lincoln Avenue
Somerville, New Jersey

Re: Docket No. DMEA-5034
(Thorium-uranium-rare earths)
Buffalo, et al., Groups of Claims
Lemhi County, Idaho

Dear Mr. Volpe:

Early in June we sent you the Department of the Interior Information Service Release dated June 6 which announced that no new Defense Minerals Exploration Administration contracts could be executed after June 30 because of the ending of the present program for exploration assistance.

We regret to inform you that your application, identified above, could not be completely processed before June 30 because the field report for your proposed project was received too late. However, we will be glad to hold your application until the Congress acts on pending legislation to continue the program. If it is continued, we will then ask you to state whether you wish us to consider your application under the ~~new~~ regulations established for ~~this~~ program.

the new

the 1959

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Model letter was changed as follows: (see indicated changes)

FLKnouse/izm 7-24-58
cc: Mr. Knouse
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. 2 (2)

8623

FILE COPY
DMEA
RECEIVED JUL 22 1958

DATE	INITIALS	CODE
7/22	C	220
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July 22, 1958

5034

Thorium - Uranium - Rare-earths
Empire Exploration, Inc.
Buffalo Claims
Lemhi County, Idaho
$98,350

Ernest William Ellis, DMEA Member
Rare Earths Commodity Committee
C. T. Baroch, Bureau of Mines Member
Rare Earths Commodity Committee
Field Team Report

1. Date of referred document: 6/23/58 2. Date received for review: 7/16/58

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

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

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

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

7. Explain items marked yes above:

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

9. Action effected:
   a. Obtain information from applicant [ ]
   b. Refer to field team [ ]
   c. Install [X]
   d. Agree with field team [X]
   e. Agree with field team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]
   i. Consult with Mr. _____ at _____ Ext. _____

Remarks: (Use back of page if necessary)

Present evidence of mineralization does not warrant an exploration project.

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

July 22, 1958

DMEA
RECEIVED JUL 28 1958
IN REPLY REFER TO:

DATE	INITIALS	CODE
7/23	C	220
"	FLK	700
	Complete	

Memorandum

To: F. L. Knouse, Defense Minerals Exploration Administration

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

Subject: Review of field examination report, DMEA 5034 (thorium-uranium-rare earths) Empire Explorations, Inc., Buffalo claims, Lemhi County, Idaho

After separate field examinations, the examining geologist and engineer render a split decision concerning the merits of the applicant's property.

The examining geologist believes that further exploration is warranted on the property. A 90-foot adit, driven by the applicant, exposes a northerly striking mineralized shear zone that is about 75 feet wide and has been traced for 7,500 feet. Samples taken by the examining geologist assayed near 1 percent combined thorium and rare earth oxides.

The examining engineer on the other hand believes, on the basis of an examination in 1951, that not enough new work has been done on the property, that the property does not warrant exploratory work, and that the application should be denied.

The large shear zone represents a strong geologic structure that could furnish large tonnages of ore if the zone is sufficiently mineralized. The examining geologist recommends approval of a modest project consisting of six bulldozer trenches, to be followed by drilling should the trenching prove promising.

I agree with the recommendations of the examining geologist as stated in his report.

W. P. Williams

W. P. Williams

ORIGINAL FILE COPY
DMEA
RECEIVED JUL 17 1958

DATE	INITIALS	CODE
7/17	J.J.G.	225
"	J.L.G.	700

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

Date July 15, 1958

DMEA Docket No. 5034
DMEA Contract No.
Commodity Thorium-Uranium-Rare earths
Name of Applicant Empire Explorations, Inc.
Name of Property Buffalo claims
Location of property Lemhi County, Idaho
Estimated cost of project $98,350

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: James Paone, Bureau of Mines Member JP
Uranium Commodity Committee
Subject: Review of Field Team Report
(Applications, Field Team Report, etc.)

1. Date of subject document: 6/23/58 2. Date received by reviewer: 7/7/58

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked 'yes' above:

8. Factors needing special consideration:

a. Location ☐
b. Ownership ☐
c. Evidence of mineralization ☐
d. Geology ☐
e. Proposed exploration method ☐
f. Alternate exploration method ☐
g. Costs
h. ☐

9. Action advised:

a. Obtain information from applicant ☐
b. Refer to Field Team ☐
c. Decline: [X]
d. Agree with Field Team [X] (Bureau Member)
e. Disagree with Field Team ☐
f. Suggest alternate plan ☐
g. Request another consultation ☐
h. Approval ☐
i. Consult with Mr. _____ at _____ AEC Office

10. Remarks: (Use back of page if necessary)
No evidence was presented that would warrant an exploration project.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington
July 1, 1958

Air Mail

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

Re: Docket No. DMEA-5034 (Thorium-Uranium-Rare Earths)
Empire Explorations, Inc.
Buffalo Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed is one copy each of 10 Amended Location Certificates and four Notices of Quartz Location for certain claims belonging to this applicant. The application examination report is being typed and will be forwarded within a few days.

Sincerely yours,

Donald R. MacLaren

Donald R. MacLaren
For: Wing G. Agnew
Acting Executive Officer
DMEA Field Team, Region I

Enclosures
cc: USBM(2)
Geologist

RECEIVED JUL 3 1958

DATE	INITIALS	CODE
7/3	C	220
"	JLK	700

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

June 23, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 7 1958

DATE	INITIALS	CODE
7/9	C	220
7/11	JHB	130
7/11	C	220
7/14	[illegible]	700
Dispatched July 3, 1958		

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

Re: Docket No. DMEA-5034 (thorium-uranium-rare earths)
Empire Explorations, Inc.
Buffalo claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies each of memorandum reports on the referenced property by D. C. Alvord, Geologist, U. S. Geological Survey, recommending approval, and by S. W. Zoldok, Mining Engineer, U. S. Bureau of Mines, recommending denial. Alvord examined the property on May 13, 15, and 18, 1958, and Zoldok examined it sometime during a seven to ten-day period in the fall of 1951.

Zoldok bases his recommendation on the results of a scintillometer and geiger counter survey in the general area of the claims. The results indicated "widespread but low radioactivity with a few sporadic highs in the vicinity of the old pits on the Buffalo No. 4 claim."

Work on the property since Zoldok's visit in 1951 includes trenching and a 90-foot tunnel exposing a northerly striking shear zone approximately 75 feet wide that has been traced for 7,500 feet.

Of seven samples taken by Alvord in this zone, four contained 0.6 percent or more combined rare earth oxides and thorium, two of which approached or exceeded 1 percent combined thorium and rare earth oxides; one, a grab, assayed 0.78 percent. The remaining three contained only a trace. Three cut samples of the northwesterly trending zone assayed only a trace. Thus, Alvord and Zoldok are in agreement as to the lack of promise of the northwesterly striking structure, but not on the northerly striking structure. Alvord bases his

Reviewed by
DMEA OPERATING COMMITTEE
7-11-58
(date)

OMSI FILM REPORT

recommendation on the demonstrated presence of rock in the northerly trending shear zone containing 0.5 to more than 1 percent combined thoria and rare-earth oxides.

If DMEA concurs with Alvord's recommendation, a cost estimate will be prepared.

By Field Team, Region I

A. E. Weissenborn

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

Wing G. Agnew

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

Enclosures

cc: USBM (2)
USGS(SRO)
Alvord
AEC, Salt Lake

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 7 1958

DATE	INITIALS	CODE
7/11	JB	130
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

June 23, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: S. W. Zoldok, Mining Engineer, U. S. Bureau of Mines

Subject: Appraisal of application, Docket No. DMEA-5034 (thorium-uranium-rare earths), Empire Explorations, Inc., Buffalo Claims, Lemhi County, Idaho

Mr. Robert H. Svendsen, Geologist, and the author spent a week to ten days examining the Wonder mining claims (Defense Metals, Inc., Docket No. DMEA-2535) and the Buffalo claims (Empire Explorations, Inc., Docket No. DMEA-5034) in the autumn of 1951. The work consisted primarily of running a scintillometer and geiger counter survey of the cited claims and a wide area surrounding these claims. At that time Frank Eichelberger and Associates held options on both groups of claims and the examination would determine if these options would be exercised.

Despite the existence of at least two feet of snow on the Wonder claims, we were able to trace with considerable accuracy a radioactive zone or vein for several hundred feet. This option was exercised and the Wonder claims were subsequently explored under Contract Idm-E384.

Our survey on the Buffalo claims, where there was little or no snow, showed widespread but low radioactivity with a few sporadic highs in the vicinity of the old pits on the Buffalo No. 4 claim. In no case were we able to trace the highs for more than a few feet. Our survey also showed that the radioactivity, though low, extended for a mile or more along the northwesterly trending fault (Alvord's plate 1) until terminated abruptly by a basalt or diabase intrusive. As I recall, the radioactivity did not persist too far north of the trenches and pits on the Buffalo No. 4 claim although the scintillometer traverse was run northward to the crest of the hill, a distance of 1/2 to 3/4-mile. Moderate to weak radioactivity persisted to the east of the workings on the Buffalo No. 4 claim until blanked out entirely by a heavy soil mantle in a swale. No traverse was run southward as this area is covered by a late basalt flow. As a result of these findings the option on the Buffalo claims was not exercised.

Reviewed by
DMEA OPERATING COMMITTEE
7-11-58
(date).

Alvord's best samples were obtained from the workings on the Buffalo No. 4 claim, the very area where we obtained our sporadic high readings.

In my opinion no new information has been uncovered to lead me to change my original conclusion that the Buffalo prospect does not warrant exploration.

I recommend that the application be denied.

S. W. Zoldok

Distribution:
DMEA (3)
USGS (2)
Docket
M/D

FINAL FILE COPY
DMEA

DATE	INITIALS	CODE
7/11	JB	130
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington
June 27, 1958

MEMORANDUM

To: DMEA Field Team, Region I

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

Subject: Application Examination Report, Docket No. DMEA-5034 (Thorium-Uranium-Rare Earths), Empire Exploration, Inc., Buffalo Claims, Lemhi County, Idaho

INTRODUCTION

An application for Government aid to explore for uranium, thorium, and rare earths was received in the field on May 13, 1958. The corporation proposes to explore its property with 934 hours of D-7 bulldozer trenching and 10,000 feet of diamond drilling. The estimated total cost of the work is $98,350, of which the Government's share would be 50 percent or $49,175.

The author examined the property on May 13, 15, and 18, 1958, in company with Joseph A. Volpe, President, and Lawrence Ferraro, Acting Secretary. All of the trench exposures and discovery cuts known to the applicant were examined or mapped and the one underground adit working was mapped. Ten bedrock samples were taken. About 16 hours were spent on the property.

SUMMARY AND CONCLUSIONS

The property is underlain principally by moderately metamorphosed quartzites and argillites of Precambrian age. These rocks are cut by a steeply dipping northerly trending fault or shear zone which has been traced 7,500 feet. On the applicant's property, where exposed by trenching and tunneling, the fault is expressed as a complex zone of shearing, approximately 75 feet wide, and contains traces of vein quartz and malachite. Sampling shows that the vein contains from little more than a trace to more than 1 percent combined thoria and rare-earth oxides and indicates that the present workings might be capable of yielding a small tonnage of ore containing between 0.5 and 1 percent combined thoria and rare-earth oxides.

Reviewed by
DMEA OPERATING COMMITTEE
7-11-58
(date)

In view of the width and persistence of the vein and the demonstrated presence of rock within it containing from 0.5 percent to more than 1 percent combined thoria and rare-earth oxides, it warrants additional exploration to test it more adequately, both along strike and at depth, for minable shoots of thorium and rare earths.

RECOMMENDATION

It is recommended that the application be approved. A modified program, similar to but much smaller than the applicant's is recommended.

LOCATION AND ACCESSIBILITY

The Buffalo group of claims is in secs. 9, 10, 14, and 15, T. 19 N., R. 25 E., Boise meridian, McDevitt Mining District, Lemhi County, Idaho. It is on the west slopes of the Beaverhead Range about a mile from the Continental Divide at an altitude of around 6,000 feet. It is easily reached from Tendoy, Idaho, by traveling easterly 9 miles up Agency Creek over a well-graveled and graded road, thence traveling northerly and easterly over a truck trail about 1½ miles to the camp (fig. 1). Snowfall is light and the road can be kept open the year-round with little effort.

PROPERTY RIGHTS

The corporation holds the Buffalo group of claims by lease with option to purchase. The Buffalo claims are leased from Irvin C. Porter, Box 634, Salmon, Idaho, and Frank Hussey of Salmon, Idaho. The Roadside group of claims are leased from Irvin C. Porter and Glen Burkman of 156 Seventh Street, Idaho Falls, Idaho. The claims are filed in the Office of the County Recorder, Lemhi County, Salmon, Idaho, and are recorded as follows:

Claim	Book	Page
Buffalo Lode	3	372
Buffalo No. 1	3	372
Buffalo No. 2	3	373
Buffalo No. 4	3	437
Storm	1	66
Buffalo No. 3	9	
Sunnyside	1	65
Roadside	5	335
Roadside No. 1	5	336
Roadside No. 2	5	337
Roadside No. 3	5	523
Roadside No. 4	5	524
Roadside No. 5	5	525
Roadside No. 6	7	187
Roadside No. 7	8	34
Roadside No. 8	8	34

Amended

362-363

Roadside Claims No. 9 through 14 are not listed with the application, but are shown on plate 1. The Buffalo claims as originally located do not agree with those as shown on the map. The claims have been relocated and the relationships shown on the map are correct. The Amended Location Certificates have been filed and copies have been sent to Washington. For the purposes of the contract, only the Buffalo Lode, Buffalo No. 2, 3, and 4, Roadside, Roadside No. 1, 2, and 6 claims as shown on the map would be necessary.

DESCRIPTION OF THE PROPERTY

The Buffalo claims are located on slopes and ridges produced by the incision of Agency Creek and its tributaries. Drainage from the property is southerly and westerly. The canyons or gullies cut by these streams have slopes ranging between 25° and 35°, but most of the claims are on rolling uplands. Dense stands of pine, fir, and aspen cover the north-facing slopes and shaded canyons, but the south-facing slopes and crests of many of the ridges are largely lacking in timber and are covered with grasses and brush. In general, the overburden is only from 3 to 5 or 6 feet in depth, but in some localities it is much deeper. Natural exposures of bedrock are rare.

HISTORY AND PRODUCTION

The Buffalo claims were originally prospected for copper and gold in the 1880's and 1890's. In the late 1940's following the discovery of radioactive minerals in the district, they were relocated and the Roadside claims were staked around them. There is no recorded production.

DEVELOPMENT

The property is developed by an access road which traverses most of the claims of the group. An excellent campsite has been graded into the sides of a hill on the Buffalo lode. Hand-dug pits and dozer trenches are present on most, if not all, of the claims. Most of these are now largely sloughed; a few, however, were dozed in the spring of 1958 and are shown on plate 1. Underground workings consist of a vertical shaft, now caved near the collar, and one adit approximately 100 feet long. Two frame tents and an outhouse comprise the only structures on the property.

THE APPLICANT

The applicant is Empire Explorations, Inc., of New Jersey. Its officers are: Joseph A. Volpe, President, 87 Lincoln Avenue, Somerville, New Jersey; Lawrence Ferraro, Acting Secretary, 345 Elizabeth Avenue, Bound Brook, New Jersey; Douglas Crane, Secretary, Vandeveer Road, Somerville, New Jersey; and Joseph Modzelewski, Treasurer, Country Club Road 2, Somerville, New Jersey. The corporation is incorporated under the laws of New Jersey as a mining corporation, but none of its officers have any experience in mining. Mr. Volpe states that the corporation can raise the money necessary to meet its share of the costs of the proposed work.

GEOLOGY

The geology of the McDevitt Mining District is treated briefly in the following two reports:

Fritz, A. F., Jr., and Tooker, E. W., 1953, Uranium and thorium deposits in east-central Idaho, southwestern Montana: U. S. Geol. Survey Bull. 988-H, p. 191-208

Schipper, W. B., 1955, The Tendoy Copper Queen Mine, University of Idaho School of Mines thesis, p. 15-27, pl. 10

The rocks underlying the area are principally of the Belt Series of Precambrian age and consist of fair to well-foliated moderately metamorphosed quartzites and argillites. Volcanic rocks of Tertiary age overlie the Precambrian rocks at various localities, particularly towards the western end of the property. Small quantities of glacial detritus are present here and there. The rocks of the district are believed to be extensively folded, but on the portions of the property examined the beds apparently strike northwesterly and dip moderately to the south. According to Schipper, faulting is widespread and the structure of the area is exceedingly complex. Most of the faulting is older than the Tertiary rocks.

Schipper (1955, pl. 10) shows three faults cutting the rocks of the Buffalo group of claims. The more prominent of these has been traced 7,500 feet in a northerly direction and is shown cutting the rocks in the vicinity of the Buffalo No. 4 adit tunnel (pl. 1). The other two faults have been traced about 2,000 feet and are shown to intersect the northerly trending fault in the general vicinity of the Buffalo No. 4 claim near the adit. Schipper (1955, pl. 10) also shows a flow of lava covering the rocks immediately to the southwest of the Buffalo No. 4 adit. Where seen by the author, this rock had more the appearance of a rhyolite.

The examination disclosed a northerly trending shear zone approximately 75 feet wide cutting the Buffalo No. 4 near its central area and a parallel fracture or vein zone cutting the claim at its westerly end. The main fracture zone is exposed by both surface trenches and a short adit drift. The parallel vein is exposed by a caved shaft reportedly about 75 feet deep (pl. 1). Some quartz and traces of malachite were seen in the vicinity of or along both of these structural elements.

In addition to the northerly trending structures, at the southwest corner of the Buffalo No. 4, at the northern end of the Buffalo lode, and at the easterly edge of the Buffalo No. 3, there are strongly iron-stained and, in places, silicified zones having a generally northwesterly trend and a steep to vertical dip. Of these three localities, the zone at the Buffalo No. 3 is the widest and most pronounced. The general trend at this locality is northwesterly, but within the zone, which approaches 50 feet in width, there are strong internal shear zones up to 3 feet wide which apparently have been silicified and mineralized with iron oxides. Some of the internal shears trend northward; others trend westward. The northwesterly trending mineralized zones may have been controlled by bedding as they strike in about the same direction. A total of seven samples were cut on the northerly trending mineralized zones. The locations of these samples are shown on plate 1 and the results are listed below:

Sample No.	Width (feet)	ThO_2 (%)	REO (%)	U_3O_8 (%)
EEL-2	1.8	0.67	0.27	0.024
EEL-3	3.0	0.76	0.38	0.048
EEL-6	8.0	0.07 (ThO_2 plus REO)		--
EEL-7	4.0	0.07 (ThO_2 plus REO)		--
EEL-8	3.0	0.47	0.17	0.017
EEL-9	7.0	0.03 (ThO_2 plus REO)		--
EEL-10	grab	0.49	0.29	0.021

In addition to the above samples, one was taken from each of the three exposures of the northwesterly trending zone and the results are as follows:

EEL-1	6.0	0.08 (ThO_2 plus REO)	--
EEL-4	1.5	0.05 (ThO_2 plus REO)	--
EEL-5	2.0	0.05 (ThO_2 plus REO)	--

From the preceding it is obvious that the northwesterly trending zone contains only a trace of combined thoria and rare-earth oxides. Of the seven samples cut on the northerly trending structures, three contained only a trace and four contained 0.6 percent or more of combined thoria and rare-earth oxides. Two of these approached or exceeded 1 percent combined thoria and rare-earth oxides. A third, EEL-10, is a grab sample and assayed 0.78 percent combined thoria and rare-earth oxides. The longest sample cut that contained 0.6 percent or more combined thoria and rare-earth oxides was only 3 feet. The better samples were cut both at the surface and in the tunnel below. The vertical distance between the surface sampling and the underground sampling is about 35 feet. Thus, it is possible that small tonnages of around 0.5 percent to as much as 1 percent combined thoria and rare-earth oxides could be obtained from the present Buffalo No. 4 workings. With the presently known widths, dilution during mining would undoubtedly be serious, for on a basis of appearance it is difficult to tell which rock will assay high and which will assay low. The radioactivity of both the low-grade and the high-grade material is remarkably similar, commonly being on the order of 2 MR/hr.

APPLICANT'S PROPOSAL

The applicant proposes to explore its property by doing 934 hours of dozer trenching and 10,000 feet of diamond drilling. The dozer work is to be employed to drift and crosscut the structures on the surface and to level drill sites. The diamond drilling is to test at depth the ore zones discovered by the dozer work. The applicant estimates that the dozing will cost $16 per hour and the drilling $7.50 per foot. Sampling and assaying costs are estimated at $1,900. Labor and supervision is estimated at $4,500, and a geologic consultant - $2,000. The total estimated cost is $98,350.

DISCUSSION OF APPLICANT'S PROPOSAL

The applicant's property is cut by a fairly wide, persistent, mineralized, north-trending fault which dips steeply west. Sampling indicates that rock within the structure contains from around 0.5 percent to as much as 1 percent or more of thoria and rare-earth oxides, in widths up to as much as 3 feet. Mapping by Schipper (1955) shows that this fault is intersected by at least one other fault a few hundred feet to the north of the area sampled. The probable vertical extent of the mineralized fault, as inferred from the topography traversed, is at least several hundred feet and its strike length is on the order of 7,500 feet or more. Exploration along it stands a fair chance of disclosing significant tonnages of material averaging somewhere between 0.5 and 1 percent combined thoria and rare-earth oxides, particularly where the ground has been opened by cross faulting. The significance of the cross faulting is unknown inasmuch as the age relationships have not been determined, but it is at least possible that the locality of fault intersections will contain shoots of ore.

A logical first stage of exploration would consist of dozer trenching designed to extend the known limits of thorium-bearing ground and to search for the stronger showings. Following the discovery of good showings at the surface, some sort of program to test the structure at depth would be needed. In view of its known strike length, its persistence with depth should be considerable and bold drilling to depths of several hundred feet might be rewarding. Conditions at depth so far as ore formation is concerned are unknown and well worth investigating. Thus a dozing and drilling program, such as the applicant proposed, is reasonably sound. The amount of work, however, is far more than would be needed adequately to explore the target.

RECOMMENDED EXPLORATION

A program in two stages consisting of 120 hours of D-7 dozer trenching and 1,500 feet of diamond drilling is recommended.

Stage I.--One hundred five hours of dozer trenching designed to cross the structure on 200-foot centers. Presumably this work would lead northward and southward from the vicinity of the Buffalo No. 4 claim. Due to property limitations, the trenching can only be carried about 800 feet to the north. A lava flow covers the rocks south and west of the Buffalo No. 4 showings and probably only two or three trenches would be feasible in a southward direction. The trenches would be roughly 100 to 150 feet in length each and usually taken to depths of only 6 or 7 feet. In one or two instances, particularly to the south where soil creep may have created unusual depths to the bedrock, the trenches might need be taken to depths of 10 or 15 feet. Trenching to the north could be continued indefinitely until the dozer hours were consumed or the property limits were reached. The recommended approximate locations of six trenches are shown on plate 1.

Stage II.--The vein dips steeply rendering access by drilling difficult, but in places the topography favors this approach. The dip of the vein apparently is around 70° W. and holes collared from the west side of the vein and slanted at around 30° would make good intersections even if drilled from a position at an altitude similar to the vein croppings. If the dozer trenches disclose targets worthy of exploration at depth, three 500-foot diamond drill holes (BX) are suggested to be drilled where indicated at inclinations of around 30° from the horizontal. These would intersect the structure at a depth of at least 250 feet. The location of these holes are not shown on plate 1, but presumably they would be started from the west side of the vein--the direction in which it dips, and also the direction in which the topography rolls gradually to altitudes lesser than those of the vein outcrop.

Provisions for cutting and assaying 30 samples for thoria and rare-earth oxides should be made. In addition, an allowance of $600 a month for supervision should be made. The time needed to complete the work would approximate 4 to 5 months. Little road construction would be necessary, but 15 hours of bulldozing would be needed for drill-site preparation. The frame tents already present on the property are adequate for housing and storage. Bulldozers with operators are readily obtainable from nearby ranches of the Agency Creek area and diamond drilling contractors can be easily obtained from Salmon or Idaho Falls, Idaho.

Enclosures
Distribution:
DMEA(3) Dochat
USBM(2) Alvord
USGS(SRO) AEC, Salt Lake

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
APPLICATION REPORT

Docket No DMEA 5034

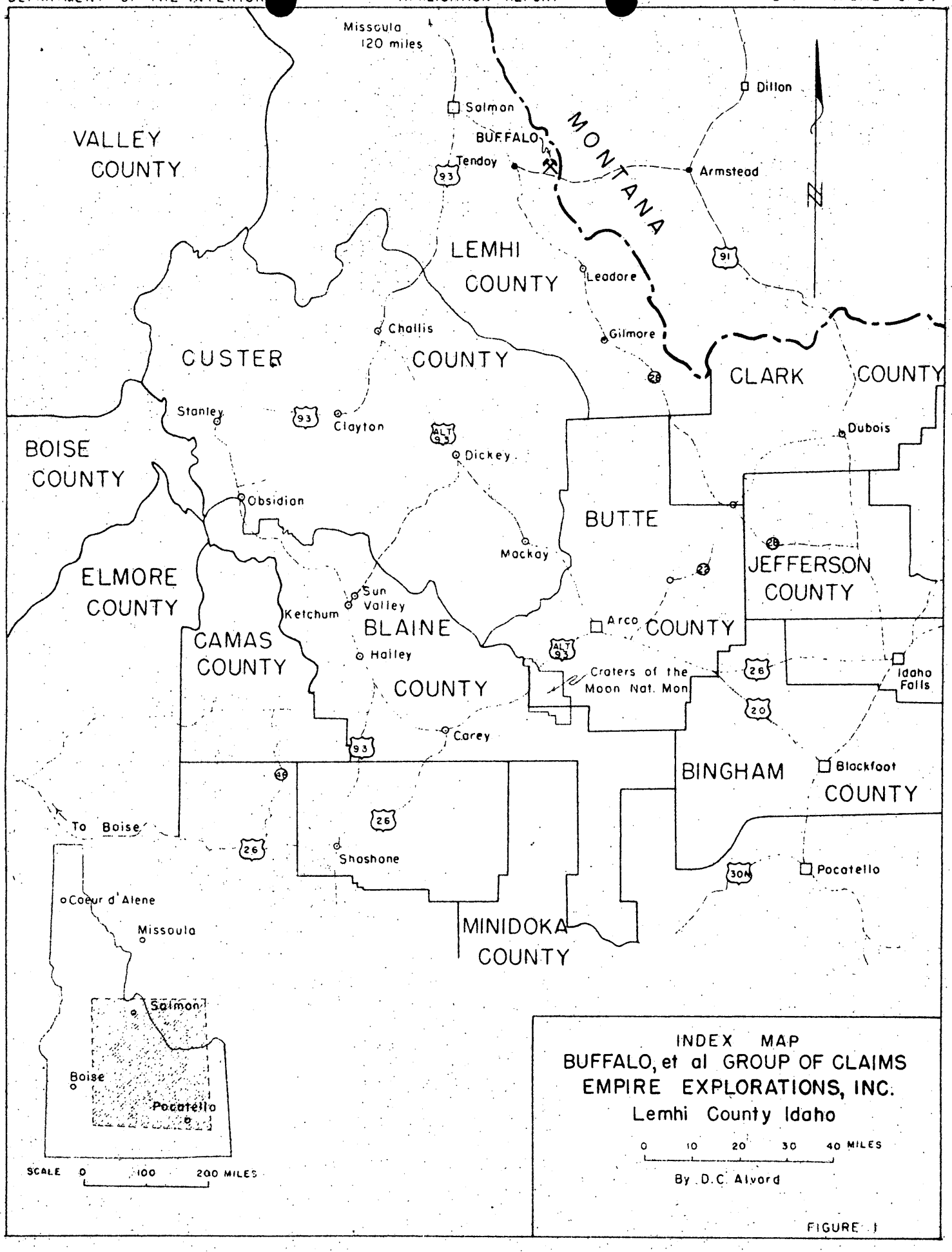

FIGURE 1

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/6/58	Knouse	700
6/9	[illegible]	700
6/9	Selbrede	130
6/	[illegible]	110
	Mittendorf	100
6/10	H. S.	220
		700
6/9	Lamb	130
6/9	Gilsgaard	130

JUN 9 1958

Mr. Joseph A. Volpe, President
Empire Exploration Inc.
87 Lincoln Avenue
Somerville, New Jersey

Re: Docket No. DMEA-5034
(Thorium-uranium-rare earths)
Buffalo, et al., Groups of Claims
Lemhi County, Idaho

Dear Mr. Volpe:

The application for assistance in exploring the subject property under the captioned docket number has been reviewed by the Division of Rare and Miscellaneous Metals.

The DMEA Field Team, Region I, Mr. A. E. Weissenborn, Executive Officer, South 157 Howard Street, Spokane 4, Washington, advises that a field examination of your property was conducted on May 13 and 15, 1958.

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FLKnouse/gla
6-6-58
cc to: Admr.'s Reading File
Mr. Knouse
DMEA Field Team, Region I (2), w/2cc Mr. Volpe's letter received June 4, 1958

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/5/58	[illegible]	700
6/9	[illegible]	700
6/9	Selfridge	130
6/10	[illegible]	110
	[illegible]	100
6/10	H. E.	220
		700

JUN 5 1958

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

Re: Docket No. DMEA-5034
(Thorium-uranium-rare earths)
Empire Explorations Inc.
Buffalo, et al., Groups of Claims
Lemhi County, Idaho

Dear Mr. Weissenborn:

Reference is made to your letter of May 26, 1958, which states that a field examination of the subject property was made on May 13 and 15, and the report is in preparation.

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

Enclosed are copies of memoranda, dated May 29 and June 6, 1958, by N. K. Nelson, USGS, and James Paone, USBM, respectively, and an extra copy of the application, for the use of the Field Team.

If a contract is approved, we will require the usual number of Consent to Lien and Subordination Agreement forms signed by Irvin C. and Carrie B. Porter, Glen W. and Beulah G. Burkman, Thomas Stoelting, and Frank Nussey. Therefore, if the Field Team recommends a project, it should inform the Applicant of this requirement. Also, it should advise the Applicant that early submission of these forms would expedite processing of the application, but their presentation does not imply that a contract will be granted.

FLKnouse/gla
6-6-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
Enclosures Mr. Knouse

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

APPROVED:

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

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

8623

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 6 1958

DATE	Initials	CODE
6/6	C	220
		700

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

Date June 6, 1958

DMEA Docket No. 5034
DMEA Contract No.
Commodity Thorium-Uranium
Name of Applicant Empire Explorations Inc.
Name of Property Buffalo, et al Group of claims
Location of property Lemhi County, Idaho
Estimated cost of project $125,000

Memorandum ✓

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Panne, Bureau of Mines Member
Uranium Commodity Committee

WJC for J.P.

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

1. Date of subject document: 5/26/58 2. Date received by reviewer: 5/28/58

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked 'yes' above:

8. Factors meeting special consideration:

a. Location ☐
b. Ownership ☐
c. Evidence of mineralization ☐
d. Geology ☐
e. Proposed exploration method ☐
f. Alternate exploration method ☐
g. Costs
h. ☐

9. Action advised:

a. Obtain information from applicant ☐
b. Refer to Field Team ☐
c. Denial ☐
d. Agree with Field Team ☒
e. Disagree with Field Team ☐
f. Support alternate plan ☐
g. Request another consideration ☐
h. Approval ☐
i. Consult with Mr. _____ at _____ AEC Office

10. Remarks: (Use back of page if necessary) Since field team examination has been made the field team report determines the merits of the property.

EMPIRE EXPLORATION LIMITED, In
Joseph A. Volpe--Pres.
87 Lincoln Ave. Somerville
New Jersey.

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 4 1958

DATE	INITIALS	CODE
6/5	C	220
"	~~[illegible]~~	700

U.S. Dept. of Interior
Defense Minerals Ex. Adm.
Washington, D. C.

Dear Sir:

Re: DMEA-5034 Rare and Misc. Metals Division.

You will please note the change of my address. Will you please send future correspondence to the above address. We will maintain representation in Salmon by a Mr Lawrence Ferraro, member of the board of directors.

At the present time Empire Explorations Inc. is in the process of drilling. A map is being forwarded to you and legend and assays will follow. We will do as much as we can with what money we have.

Thank you

Joseph A. Volpe

Pres. Empire Explorations Inc.

ORIGINAL FILE COPY
DMEA
RECEIVED JUN 2 1958

DATE	INITIALS	CODE
6/2	C	220
6/3	Ellis	700
	Kalousa	

IN REPLY REFER TO:

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

May 29, 1958
Re: DMEA 5034
Empire Explorations, Inc.
Buffalo, etc. Groups
Lemhi County, Idaho
$125,000 -Thorium - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

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

Subject: Review of application

The applicant requests assistance in exploring thorium and uranium-bearing veins.

An examination has been made and a report is being written. As a matter of record, referral is hereby recommended.

N. E. Nelson

N. E. Nelson

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

May 20, 1958

Empire Explorations, Inc.
Box 531,
Salmon, Idaho

Subject: DMEA-5034

Gentlemen:

Your application for exploration assistance, dated May 11, 1958 submitted to our office at Spokane, Washington has been assigned Docket Number DMEA-5034 and referred to the Rare and Miscellaneous Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region I.

Patented Land
Roadside #14
Roadside #13
Roadside #12
Roadside #5
Roadside #4
SPRING
Road
SEC. 9 SEC. 10
SEC. 16 SEC. 15
Sec Cor. Found
Roadside #3
Roadside #1
G.W.B. Claim
1/4 Cor. found
Roadside #7
Loc.
SEC. 10 SEC. 11
SEC. 15 SEC. 14
EXPLANATION
Strike and dip of radioactive shear zone
Strike and dip of beds
Strike and dip of joint
Strike and dip of fault
ASSAY DATA
Sample No. | Width (feet) | ThO2 % | REO % | U3O8 %
EEL-3 | 3.0' | 0.76 | 0.38 | 0.048
Traces of faults plotted from Schippers Plate 10 (1955)
Proposed bulldozer trench
Roadside Claim
Mon Pole A
Roadside #6
Roadside #8
Roadside #10
Roadside #9
Roadside #2
Caved Shaft (Qtz.-Cu vein)
EEL-5 2.0' 0.05 ThO2 + REO
Mon Pole C
EEL-2 1.8' 0.67 0.27 0.024
EEL-4 2.0' 0.76 0.38 0.048
Buffalo #4
EEL-4 1.5' 0.03 ThO2 + REO
Road To Montana
AGENCY CREEK
storm Claim
Buffalo #2
Buffalo Lode
Buffalo #3
Roadside #11
Sunnyside Claim
EEL-1 6.0' 0.08 ThO2 + REO
Loc.
Road
EEL-9 7.0' 0.03 ThO + REO
EEL-8 3.0' 0.47 0.17 0.017
EEL-7 4.0' 0.07 ThO2 + REO
EEL-10 Grab 0.49 0.29 0.021
EEL-6 8.0' 0.07 ThO + REO
Details and Sample Data
Buffalo Tunnel
20 10 0 20 40 feet
Base map by Hugh Coiner, Civil Engineer 1958
Empire Explorations Limited, Inc
Buffalo, et al Group of Claims
Lemhi County, Idaho
200 100 0 200 400 600 feet
T 19 N., R. 25 E., B.M.
Copied from claim map
furnished by applicant.
Details and sampling of Buffalo Lode
& Buffalo #4 area by D.C. Alvord
May 13 & 15, 1958.
H.M.C.
5.12.58
Plate 1