



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

RECEIVED

MAY 15 2015

TO: DIVISION OF RECLAMATION
MINING AND SAFETY

April 24, 2015

FR: Thomas G. Miller
5260 Garrison St., #12
Arvada, CO 80002

Adequacy Response

RE: Notice of Intent to Conduct Prospecting Application; Silent Hill; File No. P-2015-007;
Notice of Deficiencies

Dear Mr. Miller,

On April 13, 2015, the Division of Reclamation, Mining and Safety (Division) received the Notice of Intent (NOI) to Conduct Prospecting Application for Silent Hill, File No. P-2015-007. The Application was filed for review on April 13, 2015. Our review indicates the NOI application contains deficiencies as defined by Rule 5.1.3 of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations. The Division requires the information described below before we can approve the NOI application.

1. In accordance with Rule 5.1.2(m), please certify that notice of the prospecting operation was sent to the local Board of County Commissioners in the county where the proposed prospecting activities occur.
2. The Applicant has indicated the total area to be disturbed is 0.5 acres. However, the information provided to the U.S. Forest Service (USFS) through the Plan of Operations (POO) indicates that 0.69 acres will be disturbed. Please clarify this discrepancy.
- 6 → 3. The Applicant has stated the pit dimensions will be 60' x 30' (0.04ac). Please specify how the remainder of the affected area will be utilized (stockpiles, equipment storage, etc.).
- POO 6 → 4. The Applicant has indicated the existing access road will not be upgraded to gain access to the prospecting location. Please specify if the USFS will require reclamation of the access road. If so, specify how the road will be reclaimed.
- 7 5. The Applicant has identified the species of grasses to be planted during reclamation of the site. However, the seeding rate was not specified. Please specify the seeding rate as pounds of pure live seed per acre.



6. The Applicant has stated the proposed seed mix is tentative and may change based upon USFS requirements. Please note that any change to the proposed seed mix will require a modification of the NOI.

I. → 7. The Applicant has indicated the prospecting pit will have safety fencing erected around the perimeter. Please commit to keeping the safety fencing in place for the duration of the prospecting operation.

8. Please provide a map that identifies the proposed prospecting site or activity areas involving surface disturbance including but not limited to topsoil stockpiles, overburden stockpiles, access roads and equipment storage.

P.O.O.,
6 → 9. The Applicant has stated there is a dozer cut between the access road and the prospecting location. Please specify the dimensions of the dozer cut and clarify if this area will be reclaimed.

10. Please provide the Division with any photographs of the existing conditions of the site. Upon completion of reclamation and request for bond release, the Division may consider the photos as evidence of adequate reclamation.

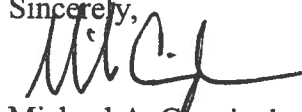
11. The applicant has indicated approximately 6 inches of topsoil will be salvaged and stockpiled. If 6 inches of topsoil is stripped from the trench location, then approximately 33 cubic yards of topsoil will be stockpiled. However, the POO indicates that 100 cubic yards of topsoil will be replaced during final reclamation. Please clarify this discrepancy.

Be advised that if these items have not been addressed within 60 days of the date of this letter (June 23, 2015), the Division may terminate the NOI application in accordance with Rule 5.1.3(c) of the Hard Rock Rules.

Please remember to designate as appropriate those materials in the application that you desire to be made confidential versus those to be made public. Additionally, if you have received any pertinent correspondence from the US Forest Service, please forward copies to the Division.

If you have any questions, you may contact me at (303)866-3567 x8116.

Sincerely,



Michael A. Cunningham
Environmental Protection Specialist

CC: Wally Erickson, DRMS
Amy Titterington, USFS, South Park Ranger District (via email)

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

1313 Sherman St., Room 215

Denver, Colorado 80203

Phone: (303) 866-3567

FAX: (303) 832-8106



FORM 1

All information for DRMS use and confidential filing

NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS FOR HARD ROCK/METAL MINES

CHECK ONE:

☐

There is an NOI Number Already Assigned to this Operation

NOI #

P- (Please reference the file number assigned to this operation)

☐

New NOI

☒

Modification to an Existing NOI

NOI #

P- (Provide for Modifications to an existing NOI)

GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, ALL information described below.

I. GENERAL INFORMATION

1. **DATE NOI RECEIVED BY THE DIVISION:** (office use only)

2. **PROJECT NAME:** Silent Hill

3. **PROSPECTOR:**

Name: Thomas G. Miller

Title: Owner

Company Name: N/A

Street: 5260 Garrison St. #12

P.O. Box: N/A

City: Arvada

State: CO

Zip Code: 80002

Telephone Number: 303-420-3606

Fax Number: 303-420-3606

PERSON MLRB SHOULD CONTACT:

Name: Thomas G. Miller

Title: Owner

Company Name: N/A

Street: 5260 Garrison St. #12

P.O. Box: N/A

City: Arvada

State: CO

Zip Code: 80002

Telephone Number: 303-420-3606

Fax Number: 303-420-3606

4. **APPLICATION FEE:** \$86. (NOIs and modifications require an \$86 fee which must accompany this notice or it cannot be processed by the Division).

5. **LOCATION INFORMATION:**

County: Jefferson

PRINCIPAL MERIDAN (check one) ☒ 6th (Colorado) ☐ 10th (New Mexico) ☐ (Ute)

SECTION (write number): S 32

TOWNSHIP (write number and check direction) T 9 North ☐ South ☒
 RANGE (write number and check direction) R 71 East ☐ West ☒
 QUARTER SECTION (check one): ☐ NE ☒ NW ☐ SE ☐ SW
 QUARTER/QUARTER SECTION (check one): ☐ NE ☐ NW ☒ SE ☐ SW

GENERAL DESCRIPTION: (the number of miles and direction to the nearest town and the approximate elevation):
ca. 8 road miles W Deckers, CO, elevation: 8,600

NOTE: Supply longitude and latitude or UTM coordinates if lands have not been surveyed or as supplemental information to this NOI. GPS measurements will be acceptable for this purpose: N 39.22230 W 105.36069

6. **LAND OWNERSHIP**

Private ☐ Public Domain (BLM) ☐ National Forest (USFS) ☒
 State ☐ State Sovereign Lands ☐ Other (please describe): _____

If prospecting is located on BLM or USFS land the remaining section must be completed, otherwise go to Section II, Maps & Drawings

7. **PROSPECTING ON BUREAU OF LAND MANAGEMENT (BLM) LAND AND U.S. FOREST SERVICE (USFS) LAND**

The Division and the BLM/USFS have entered into cooperative agreements that eliminate the need for a prospector to post a financial warranty with each agency and allow them to coordinate the review of the NOI in order to minimize administrative processing time and effort.

A. **CLAIMANT:**

Name: Thomas G. Miller
 Address: 5260 Garrison St. #12
Arvada, CO 80002
 Telephone: 303-420-3606
 Fax Number: 303-420-3606

B. **SITE/CLAIM INFORMATION:**

List names, serial numbers, and provide legal description to nearest quarter-quarter section of all sites or claims (attach additional page, if necessary).

<u>NAME</u>	<u>SERIAL NUMBER</u>	<u>LEGAL DESCRIPTION</u>
<u>Silent Hill</u>	<u>CMC279645</u>	<u>Beginning at corner #1 1,390 feet S and 2,280 feet W of the SW corner of section 28, township 9 S, range 71 W. Thence S 1,500 feet to corner #1, thence W 600 feet to corner #3, thence N 1,500 to corner #4, thence E 600 feet to corner #1 at the point of beginning. According to the USGS map Cheesman Lake Quad CO.</u>

C. **LOCATION MAP:** Attach a USGS 7.5 minute quad, or similar map of adequate scale, which locates the prospecting site(s).

D. Are prospect sites (e.g., drill holes, trench locations, etc...) staked on the ground? Yes ☒ No ☐

E. Specify the Land Management Agency, Address and Telephone Number:

USFS South Platte Ranger District

19316 Goddard Ranch Ct.

Morrison, CO 80465

Phone: 303-275-5610

F. The prospector is required to document that the NOI has been sent to the BLM or the USFS. Processing of the NOI will not begin until the prospector has submitted evidence acceptable to the Division that the NOI was sent to the BLM or USFS. Check one:

☐

Evidence of notification is attached to this NOI for BLM Land

☒

Evidence of notification is attached to this NOI for USFS Land.

☐

Other proof of notice is attached to this NOI

II. MAPS & DRAWINGS

Accurate topographic base map showing the location of the proposed project must be submitted with this notice. The prospector may submit a U.S.G.S. 7.5 minute quadrangle, or similar map of adequate scale that:

1. Identifies the proposed prospecting site(s) or activity areas involving surface disturbance. Activity areas include all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments and prospecting roads, and
2. Includes sufficient detail to identify and locate known prospecting features and facilities that may be affected and those that are not anticipated to be affected. This includes the location of all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments and prospecting roads. Color photographs, adequately labeled (including date, orientation and location), of the prospecting site may be used to fulfill this requirement if included with the NOI submittal.

III. PROJECT DESCRIPTION

1. Mineral(s) and/or Resource(s) being Investigated: Quartz, feldspar, fluorite

2. Estimated dates of commencement and completion:

Commencement: June 1, 2015,

Completion: Sept 15, 2016,

3. Amount of material to be extracted, moved or proposed to be moved: max. 1,333 cu yd spoil

4. Identify the type or method of prospecting proposed and quantity (place an "X")

<input type="checkbox"/> Cuts	<input checked="" type="checkbox"/> Pits	<input type="checkbox"/> Trenches	<input type="checkbox"/> Declines
<input type="checkbox"/> Shafts	<input type="checkbox"/> Tunnels	<input type="checkbox"/> Adits	
<input type="checkbox"/> Air Drilling	<input type="checkbox"/> Fluid Drilling	<input type="checkbox"/> Drilling & Blasting	

5. Describe proposed surface excavation or other land disturbance, including roads, pits, trenches, waste piles, drill pads and collar areas of underground workings, ponds, etc...

One excavated, temporary, prospect, open pit. One unimproved access road, using existing logging roads, approximately 5,000 feet long by 8 feet wide. One stockpile of top soil uphill of pit. One stockpile of spoil next to pit. Proposed open pit will be fenced for public safety with orange safety fence for the duration of the project.

6. **Proposed Disturbance** (approximate) Describe the proposed drilling to be conducted, including anticipated number of holes, diameter, depth, location, etc... Submit additional pages if necessary:

- A. Drill Pads: Quantity 0 Average Width 0 (ft) Average Length 0 (ft)
 B. Drill Holes: Quantity 0 Depth 0 (ft) Diameter 0 (in)
 C. Mud Pits: Quantity 0 Average Width 0 (ft) Average Length 0 (ft)
 Average Depth 0 (ft)

Describe proposed underground work, including reopening of old workings, advancement of adits or shafts, trenches, pits, cuts, rock dumps, or other types of disturbance, describe type, quantity and general dimensions:

One excavated, temporary, prospect, open pit, max. 60 feet by 30 feet lateral dimensions, max. depth 20 feet. One temporary stockpile of topsoil with silt fences installed to control erosion. 60 by 30 ft. One temporary stockpile of spoil with native rock dams, and silt fences to control erosion. 60 by 30 ft. One area for equipment storage. 60 by 30 ft.

- D. Other Disturbances (please describe):

One unimproved access road using existing logging road, for approx. 5,000 feet to the site. one existing dozer cut to the open pit. Roads will be decommissioned, fallen timber replaced across roads. 2 or 3 new water bars may be needed. Existing roads will be seeded with U.S.F.S. seed mix.

- E. Indicate Chemicals and Fuels used or stored on site. List type, quantity and method to store.

Diesel fuel used by one excavator, stored in fuel tank in excavator, refueled as needed. Equipment will be refueled by pick-up truck mounted fuel tanks, which leaves the site daily.

- F. New Road(s): Length 0 (ft) Width 0 (ft)
 Significantly Upgraded Road(s) Length 0 (ft) Width 0 (ft)

Are culverts or other crossings proposed? If so, please describe: _____

No. All roads or trails currently exist, as shown on aerial photographic map and topographic map in exhibits. No significant road improvements are planned or anticipated. Access rd. will be decommissioned, many water bars are existing.

G. Total project area to be disturbed 0.69acre (acres)

H. Describe the equipment to be used for the prospecting operations:

One John Deere 135 excavator or equivalent. One pick-up truck for refueling.

I. Describe and locate any structures to be constructed (i.e. stockpiles, ponds, impoundments):

No permanent structures. One temporary pile of topsoil. One temporary pile of spoil.
Safety fence and silt fence will remain in place for the duration of the project.

J. Describe anticipated relationship to surface water and groundwater (proximity to streams, penetration of ground water aquifers):

One year-round running stream is present as North Twin creek located 1,100 feet to the south of the proposed open pit. No penetration of ground water. Water table is below proposed open pit depth. Rock contains no sulfides, arsenides, tellurides, etc. in mineralized zone. No water pollution is anticipated.

IV. OPERATION AND RECLAMATION MEASURES:

1. The Board suggests that a photographic record of the pre-prospecting and post-prospecting conditions be kept by the prospector. These photos should be taken from the same location and by the same method to clearly show the pre-prospecting condition of the land and the reclamation efforts. Upon completion of reclamation and request for bond or surety release, the Board may consider the photos as evidence of adequate reclamation, and thus, be able to act more quickly on the request for release.
2. Provide a description of the native vegetation of the area to be disturbed, including tree, shrub, and grass communities of the area. Color photographs, sufficient to adequately represent the ecology of the site and adequately labeled (including date, orientation and location), may be used in lieu of a written description. Based on the quality of the photographs, the Division may require additional detail.

The temporary proposed open pit area is in the Hayman burn area, completely burnt by wildfire. At least 80% of the vegetation in the general area was destroyed. The current vegetation is sparse grass, yucca plants, and some shrubs. There are large areas of bare ground, and granite outcrops. There are no live trees in the proposed disturbed area.

3. Describe the estimated topsoil depth and how topsoil will be salvaged, stockpiled and redistributed for the re-establishment of vegetation. Specify approximate topsoil redistribution depth:

Approx. 6 inches of topsoil which immediately transitions into decomposed granite. All topsoil will be removed and stockpiled uphill from the proposed open pit. Topsoil will be redistributed after the pit is backfilled, to the original depth. Silt fences will be installed to contain and control the stockpile. Approx. 33 cubic yards of topsoil will be stockpiled.

4. Describe how drill holes will be plugged (refer to Rule 5.4 of the Rules for required abandonment procedures):

No drill holes.

5. Describe how portals, adits, shafts, ponds, excavations, or other disturbances will be reclaimed (refer to Rule 3 and Rule 5 for specific reclamation performance standards). You may wish to contact the Division for closure specifications.

The open pit will be backfilled and contoured to the original pre-excavation slope and contoured. Topsoil will be redistributed to match the existing depth. Topsoil will be prepared to accept the USFS approved seed mix.

6. Describe how roads will be reclaimed or returned to their pre-prospecting (or better) condition:

Existing road will be used with little new disturbance. The existing logging road will be reclaimed with water bars at regular intervals to control water run off and erosion. Many water bars are existing. Maybe 2 or 3 new water bars can be added. Logs and fallen timber will be replaced across the road. Road bed will be seeded with U.S.F.S. seed mix. Existing dozer cut is approx. 200 ft. by 7ft. for pit access. Will be decommissioned and seeded with U.S.F.S. seed mix.

7. List the seed mixture to be used in the re-establishment of vegetation. See the attached seed mixture calculation to obtain PLS/acre. For assistance with formulating seed mixtures and rates, contact the local NRCS if on private land, BLM/USFS if on public land or State Land Board if on state land.

A. Provide plant name and seeding rate

Plant Name	Seeding Rate (PLS/acre)
Festuca saximontana	35%(seeds/acre)
Agropyron trachycaulum	35%
Koeleria macrantha	20%
Artemisia frigida	10%
(common name below)	Montane Mix
Rocky mtn. fescue	1-2 lbs. per 1000 sq. ft.
Slender wheatgrass	4-8 oz. per 1000 sq. ft.
Junegrass	4-8 oz. per 1000 sq. ft.
Fringed sage	4-8 oz. per 1000 sq. ft.

B. Describe the method for seed bed preparation, and application method for grass/forb seeding:

Seed mix distribution above tentative based on prior reclamation in that area. Will be applied based on reclamation instruction by USFS. Seeding rate as per westernnativeseed.com

V. TERMS AND CONDITIONS FOR PROSPECTING OPERATIONS:

1. Reclamation measures shall be fulfilled in a timely manner and completed within five (5) years of completion of prospecting activities.
2. The prospecting operations described in this Notice will be conducted in such a manner as to minimize surface disturbances. In addition to the measures required in Rule 5, precautions to be taken include:
 - A. Confinement of operations to areas near existing roads or trails, where practicable. Existing roads which are to remain as permanent roads after prospecting activities are completed shall be left in a condition equal to or better than the pre-prospecting condition;
 - B. Drilling shall be conducted in such a way as to prevent cuttings and fluids from directly entering any dry or flowing stream channel. Drill cuttings must be spread to a depth no greater than one-half (1/2) inch or buried in an approved disposal pit;

VIII. SIGNATURE REQUIREMENT

Please place you initials on the line provided:

TGM

I hereby verify that the foregoing information is true and accurate and commit to the reclamation of the aforementioned prospecting site as required by the Colorado Mined Reclamation Act and the rules as specified in the Hard Rock/Metal Mining Rules and Regulations and this NOI form.

TGM

I have enclosed the required permit fee.

TGM

I authorize the Division to contact and copy the BLM and/or USFS on any correspondence related to the prospecting operation, if the prospecting operation is located on federal public land.

TGM

I have also enclosed the appropriate reclamation surety amount or will post an amount as determined by the office, based on the projected costs of reclamation.

TGM

I understand that I am not authorized to create any surface disturbance until the surety amount is posted and approved in writing from the Division of Reclamation, Mining and Safety.

TGM

I accept and agree to comply with the foregoing terms and conditions and with all of the provisions of Rules 3 and 5, and C.R.S. 34-32-101.

TGM

I hereby certify that concurrent with submittal of this NOI to the Division, I have sent notice to the Boards of County Commissioners in the Counties where the proposed activities will occur. This notice also indicated that non-confidential information regarding the proposed activities will be available for review at the Division's website.

This form has been approved by the Mined Land Reclamation Board pursuant to section 34-32-113, C.R.S., of the Mined Land Reclamation Act. Any alteration or modification of this form shall result in voiding any NOI issued on the altered or modified form and subject the operator to cease and desist orders and civil penalties for operating without a NOI pursuant to section 34-32-123, C.R.S.

I, the undersigned, being the NOI holder or the person authorized to sign on behalf of the NOI holder, declare that the information given in this NOI form is true and correct.

SIGNATURES MUST BE IN BLUE INK

Signed and dated this 11th day of May, 2015

Signature of NOI holder or person authorized to sign:

Thomas G. Miller

Name (typed or print) Thomas G. Miller

Title/Position: owner

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

1313 Sherman St., Room 215

Denver, Colorado 80203

Phone: (303) 866-3567

FAX: (303) 832-8106



FORM 2 (Public File) NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS FOR HARD ROCK/METAL MINES

CHECK ONE:

- ☐ There is an NOI Number Already Assigned to this Operation
N ☐ P- _____ (Please reference the file number assigned to this operation)
New NOI
☒ Modification to an Existing NOI
NOI# P- _____ (Provide for Modifications to an existing NOI)

GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, ALL information described below.

I. GENERAL INFORMATION

1. **DATE NOI RECEIVED BY THE DIVISION:** _____ (office use only)

2. **PROJECT NAME:** Silent Hill

8. **PROSPECTOR:**

Name: Thomas G. Miller
Title: Owner
Company Name: N/A
Street: 5260 Garrison St. #12
P.O. Box: N/A
City: Arvada
State: CO
Zip Code: 80002
Telephone Number: 303-420-3606
Fax Number: 303-420-3606

PERSON MLRB SHOULD CONTACT:

Name: Thomas G. Miller
Title: Owner
Company Name: N/A
Street: 5260 Garrison St. #12
P.O. Box: N/A
City: Arvada
State: CO
Zip Code: 80002
Telephone Number: 303-420-3606
Fax Number: 303-420-3606

9. **APPLICATION FEE:** \$86. (NOIs and modifications require an \$86 fee which must accompany this notice or it cannot be processed by the Division).

10. **LOCATION INFORMATION:**

County: Jefferson

PRINCIPAL MERIDIAN (check one) ☒ 6th (Colorado) ☐ 10th (New Mexico) ☐ (Ute)

SECTION (write number): S 32

TOWNSHIP (write number and check direction) T 9 North ☐ South ☒

RANGE (write number and check direction) R71 East ☐ West ☒
 QUARTER SECTION (check one): ☐ NE ☒ NW ☐ SE ☐ SW
 QUARTER/QUARTER SECTION (check one): ☐ NE ☐ NW ☒ SE ☐ SW

GENERAL DESCRIPTION: (the number of miles and direction to the nearest town and the approximate elevation):
ca. 8 road miles W Deckers, CO, elevation: 8,600

NOTE: Supply longitude and latitude or UTM coordinates if lands have not been surveyed or as supplemental information to this NOI. GPS measurements will be acceptable for this purpose: _____

N 39.22230 W 105.36069

11. **LAND OWNERSHIP**

Private ☐ Public Domain (BLM) ☐ National Forest (USFS) ☒
 State ☐ State Sovereign Lands ☐ Other (please describe): _____

If prospecting is located on BLM or USFS land the remaining section must be completed, otherwise go to section II Maps & Drawings

12. **PROSPECTING ON BUREAU OF LAND MANAGEMENT (BLM) LAND AND U.S. FOREST SERVICE (USFS) LAND**

The Division and the BLM/USFS have entered into cooperative agreements that eliminate the need for a prospector to post a financial warranty with each agency and allow them to coordinate the review of the NOI in order to minimize administrative processing time and effort.

G. **CLAIMANT:**

Name: Thomas G. Miller
 Address: 5260 Garrison St. #12
Arvada, CO 80002
 Telephone: 303-420-3606
 Fax Number: 303-420-3606

H. **SITE/CLAIM INFORMATION:**

List names, serial numbers and provide legal description to nearest quarter-quarter section of all sites or claims (attach additional page, if necessary).

<u>NAME</u>	<u>SERIAL NUMBER</u>	<u>LEGAL DESCRIPTION</u>
<u>Silent Hill</u>	<u>CMC279645</u>	<u>Beginning at corner #1 1,390 feet S and 2,280 feet W of the SW corner of section 28, township 9 S, range 71 W. Thence S 1,500 feet to corner #1, thence W 600 feet to corner #3, thence N 1,500 to corner #4, thence E 600 feet to corner #1 at the point of beginning. According to the USGS map Cheesman Lake Quad CO.</u>

I. **LOCATION MAP:** Attach a USGS 7.5 minute quad, or similar map of adequate scale, which locates the prospecting site(s).

J. Are prospect sites (e.g., drill holes, trench locations, etc...) staked on the ground? Yes ☒ No ☐

K. Specify the Land Management Agency, Address and Telephone Number:

USFS South Platte Ranger District

19316 Goddard Ranch Ct.

Morrison, CO 80465

Phone: 303-275-5610

+

L. The prospector is required to document that the NOI has been sent to the BLM or the USFS. Processing of the NOI will not begin until the prospector has submitted evidence acceptable to the Division that the NOI was sent to the BLM or USFS. Check one:

- ☐ Evidence of notification is attached to this NOI for BLM Land
☒ Evidence of notification is attached to this NOI for USFS Land.
☐ Other proof of notice is attached to this NOI

II. MAPS & DRAWINGS

Accurate topographic base map showing the location of the proposed project must be submitted with this notice. The prospector may submit a U.S.G.S. 7.5 minute quadrangle, or similar map of adequate scale that:

3. identifies the proposed prospecting site(s) or activity areas involving surface disturbance. Activity areas include all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments and prospecting roads, and
4. includes sufficient detail to identify and locate known prospecting features and facilities that may be affected and those that are not anticipated to be affected. This includes the location of all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments and prospecting roads. Color photographs, adequately labeled (including date, orientation and location), of the prospecting site may be used to fulfill this requirement if included with the NOI submittal.

III. PROJECT DESCRIPTION

7. Mineral(s) and/or Resource(s) being Investigated: Quartz, feldspar, fluorite

8. Estimated dates of commencement and completion:

Commencement: June 1, 2015,

Completion: Sept 15, 2016,

9. Amount of material to be extracted, moved or proposed to be moved: max. 1,333 cu yd spoil

10. Identify the type or method of prospecting proposed and quantity (place an "X")

- | | | | |
|---------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------------|
| <input type="checkbox"/> Cuts | <input checked="" type="checkbox"/> Pits | <input type="checkbox"/> Trenches | <input type="checkbox"/> Declines |
| <input type="checkbox"/> Shafts | <input type="checkbox"/> Tunnels | <input type="checkbox"/> Adits | |
| <input type="checkbox"/> Air Drilling | <input type="checkbox"/> Fluid Drilling | <input type="checkbox"/> Drilling & Blasting | |

11. Describe proposed surface excavation or other land disturbance, including roads, pits, trenches, waste piles, drill pads and collar areas of underground workings, ponds, etc...

One excavated, temporary, prospect, open pit. One unimproved access road, using existing logging roads, approximately 5,000 feet long by 8 feet wide. One stockpile of top soil uphill of pit. One stockpile of spoil next to pit. Proposed open pit will be fenced for public safety with orange safety fence for the duration of the project.

12. **Proposed Disturbance** (approximate) Describe the proposed drilling to be conducted, including anticipated number of holes, diameter, depth, location, etc... Submit additional pages if necessary:

- A. Drill Pads: Quantity 0 Average Width 0 (ft) Average Length 0 (ft)
 B. Drill Holes: Quantity 0 Depth 0 (ft) Diameter 0 (in)
 C. Mud Pits: Quantity 0 Average Width 0 (ft) Average Length 0 (ft)
 Average Depth 0 (ft)

Described proposed underground work, including reopening of old workings, advancement of adits or shafts, trenches, pits, cuts, rock dumps, or other types of disturbance, describe type, quantity and general dimensions:

One excavated, temporary, prospect, open pit, max. 60 feet by 30 feet lateral dimensions, max. depth 20 feet. One temporary stockpile of topsoil with silt fences installed to control erosion. 60 by 30 ft. One temporary stockpile of spoil with native rock dams, and silt fences to control erosion. 60 by 30 ft. One area for equipment storage. 60 by 30 ft.

- F. Other Disturbances (please describe):

One unimproved access road using existing logging road, for approx. 5,000 feet to the site. one existing dozer cut to the open pit. Roads will be decommissioned, fallen timber replaced across roads. 2 or 3 new water bars may be needed. Existing roads will be seeded with U.S.F.S. seed mix.

- G. Indicate Chemicals and Fuels used or stored on site. List type, quantity and method to store.

Diesel fuel used by one excavator, stored in fuel tank in excavator, refueled as needed. Equipment will be refueled by pick-up truck mounted fuel tanks, which leaves the site daily.

- F. New Road(s): Length 0 (ft) Width 0 (ft)
 Significantly Upgraded Road(s) Length 0 (ft) Width 0 (ft)

Are culverts or other crossings proposed? If so, please describe: _____

No. All roads or trails currently exist, as shown on aerial photographic map and topographic map in exhibits. No significant road improvements are planned or anticipated. Access rd. will be decommissioned, many water bars are existing.

G. Total project area to be disturbed 0.69acre (acres)

K. Describe the equipment to be used for the prospecting operations:

One John Deere 135 excavator or equivalent. One pick-up truck for refueling.

L. Describe and locate any structures to be constructed (i.e. stockpiles, ponds, impoundments):

No permanent structures. One temporary pile of topsoil. One temporary pile of spoil.
Safety fence and silt fence will remain in place for the duration of the project.

M. Describe anticipated relationship to surface water and groundwater (proximity to streams, penetration of ground water aquifers):

One year-round running stream is present as North Twin creek located 1,100 feet to the south of the proposed open pit. No penetration of ground water. Water table is below proposed open pit depth. Rock contains no sulfides, arsenides, tellurides, etc. in mineralized zone. No water pollution is anticipated.

IV. OPERATION AND RECLAMATION MEASURES:

1. The Board suggests that a photographic record of the pre-prospecting and post-prospecting conditions be kept by the prospector. These photos should be taken from the same location and by the same method to clearly show the pre-prospecting condition of the land and the reclamation efforts. Upon completion of reclamation and request for bond or surety release, the Board may consider the photos as evidence of adequate reclamation, and thus, be able to act more quickly on the request for release.
2. Provide a description of the native vegetation of the area to be disturbed, including tree, shrub, and grass communities of the area. Color photographs, sufficient to adequately represent the ecology of the site and adequately labeled (including date, orientation and location), may be used in lieu of a written description. Based on the quality of the photographs, the Division may require additional detail.

The temporary proposed open pit area is in the Hayman burn area, completely burnt by wildfire. At least 80% of the vegetation in the general area was destroyed. The current vegetation is sparse grass, yucca plants, and some shrubs. There are large areas of bare ground, and granite outcrops. There are no live trees in the proposed disturbed area.

8. Describe the estimated topsoil depth and how topsoil will be salvaged, stockpiled and redistributed for the re-establishment of vegetation. Specify approximate topsoil redistribution depth:

Approx. 6 inches of topsoil which immediately transitions into decomposed granite. All topsoil will be removed and stockpiled uphill from the proposed open pit. Topsoil will be redistributed after the pit is backfilled, to the original depth. Silt fences will be installed to contain and control the stockpile. Approx. 33 cubic yards of topsoil will be stockpiled.

9. Describe how drill holes will be plugged (refer to Rule 5.4 of the Rules for required abandonment procedures):

No drill holes.

10. Describe how portals, adits, shafts, ponds, excavations, or other disturbances will be reclaimed (refer to Rule 3 and Rule 5 for specific reclamation performance standards). You may wish to contact the Division for closure specifications.

The open pit will be backfilled and contoured to the original pre-excavation slope and contoured. Topsoil will be redistributed to match the existing depth. Topsoil will be prepared to accept the USFS approved seed mix.

11. Describe how roads will be reclaimed or returned to their pre-prospecting (or better) condition:

Existing road will be used with little new disturbance. The existing logging road will be reclaimed with water bars at regular intervals to control water run off and erosion. Many water bars are existing. Maybe 2 or 3 new water bars can be added. Logs and fallen timber will be replaced across the road. Road bed will be seeded with U.S.F.S. seed mix. Existing dozer cut is approx. 200 ft. by 7ft. for pit access. Will be decommissioned and seeded with U.S.F.S. seed mix.

12. List the seed mixture to be used in the re-establishment of vegetation. See the attached seed mixture calculation to obtain PLS/acre. For assistance with formulating seed mixtures and rates, contact the local NRCS if on private land, BLM/USFS if on public land or State Land Board if on state land.

A. Provide plant name and seeding rate

Plant Name	Seeding Rate (PLS/acre)
Festuca saximontana	35%(seeds/acre)
Agropyron trachycaulum	35%
Koeleria macrantha	20%
Artemisia frigida	10%
(common name below)	Montane Mix
Rocky mtn. fescue	1-2 lbs. per 1000 sq. ft.
Slender wheatgrass	4-8 oz. per 1000 sq. ft.
Junegrass	4-8 oz. per 1000 sq. ft.
Fringed sage	4-8 oz. per 1000 sq. ft.

B. Describe the method for seed bed preparation, and application method for grass/forb seeding:

Seed mix distribution above tentative based on prior reclamation in that area. Will be applied based on reclamation instruction by USFS. Seeding rate as per westernnativeseed.com

V. TERMS AND CONDITIONS FOR PROSPECTING OPERATIONS:

3. Reclamation measures shall be fulfilled in a timely manner and completed within five (5) years of completion of prospecting activities.
4. The prospecting operations described in this Notice will be conducted in such a manner as to minimize surface disturbances. In addition to the measures required in Rule 5, precautions to be taken include:
 - A. Confinement of operations to areas near existing roads or trails, where practicable. Existing roads which are to remain as permanent roads after prospecting activities are completed shall be left in a condition equal to or better than the pre-prospecting condition;
 - B. Drilling shall be conducted in such a way as to prevent cuttings and fluids from directly entering any dry or flowing stream channel. Drill cuttings must be spread to a depth no greater than one-half (1/2) inch or buried in an approved disposal pit;

VIII. SIGNATURE REQUIREMENT

Please place you initials on the line provided:

TGM

I hereby verify that the foregoing information is true and accurate and commit to the reclamation of the aforementioned prospecting site as required by the Colorado Mined Reclamation Act and the rules as specified in the Hard Rock/Metal Mining Rules and Regulations and this NOI form.

TGM

I have enclosed the required permit fee.

TGM

I authorize the Division to contact and copy the BLM and/or USFS on any correspondence related to the prospecting operation, if the prospecting operation is located on federal public land.

TGM

I have also enclosed the appropriate reclamation surety amount or will post an amount as determined by the office, based on the projected costs of reclamation.

TGM

I understand that I am not authorized to create any surface disturbance until the surety amount is posted and approved in writing from the Division of Reclamation, Mining and Safety.

TGM

I accept and agree to comply with the foregoing terms and conditions and with all of the provisions of Rules 3 and 5, and C.R.S. 34-32-101.

TGM

I hereby certify that concurrent with submittal of this NOI to the Division, I have sent notice to the Boards of County Commissioners in the Counties where the proposed activities will occur. This notice also indicated that non-confidential information regarding the proposed activities will be available for review at the Division's website.

This form has been approved by the Mined Land Reclamation Board pursuant to section 34-32-113, C.R.S., of the Mined Land Reclamation Act. Any alteration or modification of this form shall result in voiding any NOI issued on the altered or modified form and subject the operator to cease and desist orders and civil penalties for operating without a NOI pursuant to section 34-32-123, C.R.S.

I, the undersigned, being the NOI holder or the person authorized to sign on behalf of the NOI holder, declare that the information given in this NOI form is true and correct.

SIGNATURES MUST BE IN BLUE INK

Signed and dated this 11th day of May, 2015

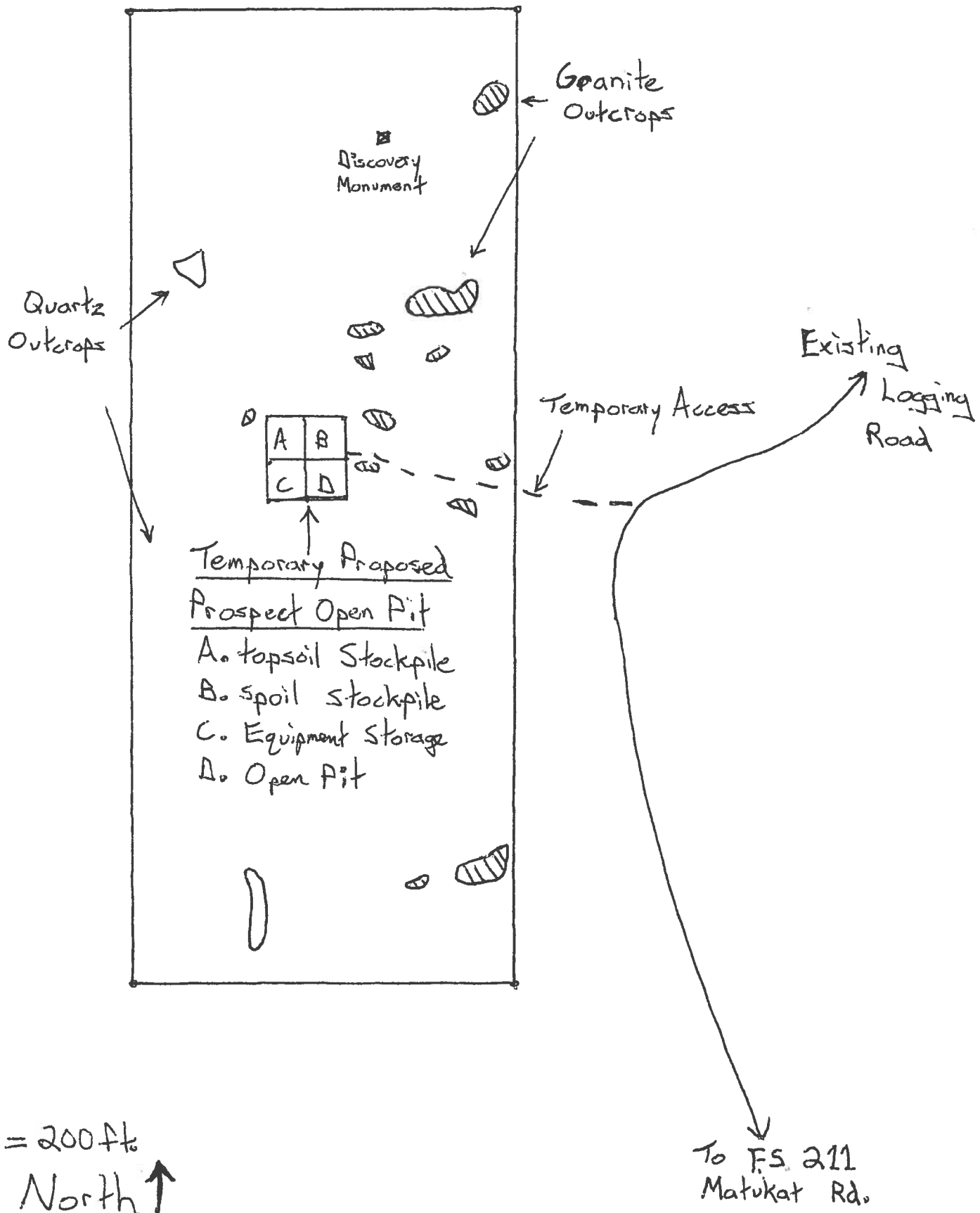
Signature of NOI holder or person authorized to sign:

Thomas G. Miller

Name (typed or print) Thomas G. Miller

Title/Position: owner

Silent Hill Lode Claim Plan Map



Thompson Open Pit Site Exhibit D View West



**Notice of Filing Prospecting Application
For Colorado Mined Land Reclamation
Notice To The Board of County Commissioners
Jefferson County**

Thomas G. Miller has submitted a Notice of Intent to the Colorado Mined Land Reclamation Board to conduct prospecting operations in Jefferson County on one Lode claim located in the Pike National Forest. Pursuant to Section 34-32-113(2)(b) Rule 5.1.2(m) C.R.S. prospectors are required to notify the local Board of County Commissioners. This is being provided to notify you of the location and nature of the Proposed operation. The entire application is on file with the Division of Reclamation, Mining, and Safety (the "Division") and will be posted on their website. This operator is proposing a temporary prospect open pit, total disturbance of less than one acre. Existing roads will be used for access. All reclamation will be carried out in accordance with the Division requirements. If you would like to discuss any aspects of this Notice of Intent please contact Tom Miller, 5260 Garrison St. #12, Arvada CO. 80002 303-420-3606 or the Division of Reclamation, Mining, and Safety at 1313 Sherman St. Rm. 215, Denver CO. 80203, 303-866-3567.