



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

RECEIVED

AUG 28 2017

DIVISION OF RECLAMATION
MINING AND SAFETY

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 (Please
reference the file number assigned to this
operation)

NOI # P-

 - ☒

New NOI

☐

Modification to an Existing NOI (Provide
for Modifications to an existing NOI)

NOI# P-

DMC, GRM

P-2017-012

Martin Mesa Drilling

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:

Martin Mesa Drilling

3. PROSPECTOR:

David Andrews

Name

Managing Member

Title

Andrews Mining, LLC

Company Name

PERSON MLRB SHOULD CONTACT:

Prospector

Name

Title

Company Name



Street
P.O. Box 275
P.O. Box
Redvale, CO 81431
City, State, Zip
(970) 327-4504
Telephone
()

Street
P.O. Box
City, State, Zip
()
Telephone
()

Fax

Fax

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

5.

LOCATION INFORMATION:

County: Montrose

Principal Meridian (check one):

☐ 6th (Colorado) ☒ 10th (New Mexico) ☐ Ute
Section (write number) TOWNSHIP N ☒ S ☐
RANGE E ☐ W ☒

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):

Remote area about 3 miles east of the Delores River. Elevation 6200 feet. Uravan is about 12 miles.

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:

Lat: _____ X: _____

Long: _____ Y: _____

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 _____ Andrews Mining, LLC
Address _____ P.O. Box 275
City, State, Zip _____ Redvale, CO 81431
Telephone _____ (970) 327-4504
Fax _____ () _____

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).

NAME	SERIAL NUMBER	LEGAL DESCRIPTION
Wildcat 2	CMC 280914	T 48 N, R 18W, Section 28
Wildcat 3	CMC 280915	T 48 N, R 18W, Section 28
Wildcat 4	CMC 280916	T 48 N, R 18W, Section 28

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:

Agency Bureau of Land Management, Uncompahgre Field Office

Address 2465 South Townsend Avenue

City, State, Zip Montrose, CO 81401

Telephone (970) 240-5324

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

An 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:

Uranium and other minerals

2. Estimated dates of commencement and completion:

Commencement:	09 / 15 / 2017
Completion	09 / 14 / 2019
3. Amount of material (specify units) to be extracted, moved or proposed to be moved:

2.1	Units	Tons
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Identify the type or method of prospecting proposed and quantity (place an "X")

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

Explorer intends to drill three exploration holes where shown on Figure 1. The holes are to be about 120 feet deep and will be cored (HQ) full depth. A truck mounted drill rig will be used to perform the core drilling. Mud pits will not be necessary. The drilling is to be performed on a ridge top so surface water will not be an issue. The core holes are not expected to encounter any water. Access to the holes will be on county roads, most of which are on BLM managed lands. DH-3 is located about 220 feet north of the county road on an existing, useable exploration road.

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	<u>3</u>	Average Width (ft)	<u>25</u>	Average Length (ft)	<u>25</u>
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B. Drill Holes:

Quantity	<u>3</u>	Depth (ft)	<u>120</u>	Diameter (in)	<u>3.75</u>
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C. Mud Pits

Quantity	<u>0</u>	Average Width (ft)	<u></u>	Average Length (ft)	<u></u>	Average Depth (ft)	<u></u>
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- D. 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:

No plans to perform underground work.

E. Other Disturbances (please describe)

About 220 feet of usable exploration road will be re-disturbed for DH-3.

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

None.

G. New Roads:

Length (ft): None Width (ft):

Significantly

Upgraded Roads

Length (ft): None Width (ft):

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

No

H. Total project area to be disturbed (acres) 0.10 Acres

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

Truck mounted drill rig.

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

No Structures.

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

Drilling is not expected to encounter groundwater. The drilling is to be performed on a ridge top so surface water will not be an issue.

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.

Photographs Attached

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:

Topsoil will not be salvaged.

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

The core holes will be filled with cuttings to 7 feet below ground surface if they are dry. A cement plug will be installed from 3 to 7 feet below ground surface with additional cuttings placed from 0 to 3 feet below ground surface.

~~If the drill holes encounter an aquifer they will be sealed, utilizing a high-quality sodium bentonite-type gel, specifically developed for use as an abandonment fluid.~~

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.

Not applicable.

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

The road to DH-3 will not be changed from its pre-prospecting condition. The road will be seeded using a BLM approved 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. Plant name and seeding rate:

Plant Name	Seeding Rate (PLS/Acre)
Western Wheatgrass (<i>Pascopyrum smithii</i>) Variety Arriba	3.5
Bottebrush squirreltail (<i>Elymus elemoides</i>)	1.6
Indian Ricegrass (<i>Acnatherum hymenoides</i>) Variety Paloma	0.8
Galleta Grass (<i>Hilaria</i> or <i>Pleuraphis jamesii</i>)	0.4
Sand Dropseed (<i>Sporobolus cryptandrus</i>)	0.05
Needle and Thread (<i>Stipa</i> or <i>Heterostipa comata</i>)	0.5
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>)	0.06
Annual Sunflower (<i>Helianthus annuus</i>)	0.3
Rocky Mountain Penstemon (<i>Penstemon strictus</i>)	0.04
Northern Sweet Vetch (<i>Hedysarum boreale</i>)	0.3
Winterfat (<i>Eurotia</i> or <i>Krascheninnikovia lanata</i>)	0.05
Four-Wing Saltbush (<i>Atriplex canescens</i>) from western Colorado, E Utah	0.3
Wyoming Big Sagebrush (<i>Artemisia tridentata wyomingensis</i>)	0.05

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

The seed will be broadcast. No seed bed preparation is considered necessary. The seed bed will be roughen if required.

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;
 - C. Proper and timely abandonment of drill holes upon completion of drilling;
 - D. Reclamation of affected lands upon completion of operations or phases of an operation,;
 - E. Backfilling and revegetating any pits to blend in with the surrounding land surface;

- F. Safeguarding mine entries, trenches and excavations from unauthorized entry at all times;
 - G. Disposal of any trash, scrap metal, wood, machinery, and buildings;
 - H. Control of noxious weeds within the area affected by the prospector
3. The prospecting operations shall be conducted in such a manner as to comply with all applicable local, state and federal laws and regulations including applicable state and federal air and water quality laws and regulations.
 4. The prospecting operations shall be conducted so as to minimize adverse effects upon wildlife to include covering of open drill holes until properly plugged.
 5. During the prospecting operations, the operator will perform the necessary stabilization and reclamation work to ensure those areas affected by prospecting activities are erosionally and geotechnically stable.
 6. All prospecting operations shall be in compliance with the Colorado Mined Land Reclamation Act, as amended (34-32-101 et seq. C.R.S.), and all rules and regulations currently in effect or promulgated pursuant thereto. See 2 CCR 407-1, Mined Land Reclamation Board Hardrock /Metal Mining Rules.

VI. ADDITIONAL TERMS AND CONDITIONS FOR PROSPECTING ON BLM/USFS LANDS

1. The prospector will supply a copy of this NOI to the appropriate BLM and/or USFS office.
2. The prospector authorizes the MLRB to discuss the information in this Notice of Intent with the BLM and/or USFS.
3. If on BLM land, the prospector will complete reclamation to the standards described in 43 CFR 3809.1-3 (d) and implement reasonable measures to prevent unnecessary or undue degradation of lands during operations.

VII. FINANCIAL WARRANTY

A financial warranty must be provided for the cost of reclamation of the disturbance described in this Notice. The prospector can either file a "One Site Prospecting Financial Warranty" or a "Statewide Financial Warranty." **The financial warranty must be submitted and approved by the Division prior to entry upon lands for the purpose of prospecting.**

A One-Site Prospecting Financial Warranty is usually filed by individuals or companies where prospecting activities are limited to a single area. It must be filed in the amount of \$2,000 per acre for land to be disturbed, or such other amount as determined by the Division, based on the projected costs of reclamation. A Statewide Financial Warranty is usually filed by companies with multiple prospecting sites. It must be filed in an amount equal to the estimated cost of reclamation per acre of affected land for all anticipated sites statewide. (You may increase the statewide bond at any time in order to cover additional or expanded prospecting activities.)

VIII. SIGNATURE REQUIREMENT

Please place your initials on the line provided:

DLA
DLA

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.

DLA

I have enclosed the required permit fee.

DLA

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.

DLA

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.

DLA

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.

DLA

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.

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.

BLM NOI

Three Core Holes

Rotary Rig

Hole				Hole Depth
DH-1				120
DH-2				120
DH-3				120
Total Lineal Feet				360

Possible Disturbed Ares

	Ft	Ft	Each	SF Dist
Disturbance/Hole	25	25	3	1875
Road	12	220		2640
Total Disturbance				4515
Acres				0.10

Reclamation Estimate

Item				Quantity	Unit	Unit Price	Total
Borehole Marker				1	Each	\$3.56	\$3.56
Drill Rig Time - Replace Cuttings				3	Hour	\$250.00	\$750.00
Hand Labor (0.8 cubic feet/hole)				6	Hour	\$25.00	\$150.00
Reclaim 0.1 Acres (Seed)				1	LS	\$750.00	\$750.00
Subtotal							\$1,653.56
Burden				15%			\$248.03
Total Reclamation Estimate							\$1,902



Lower Left – Road to DH-3 where it leaves County T12 Road

Upper Left – Continuation of road to DH-3

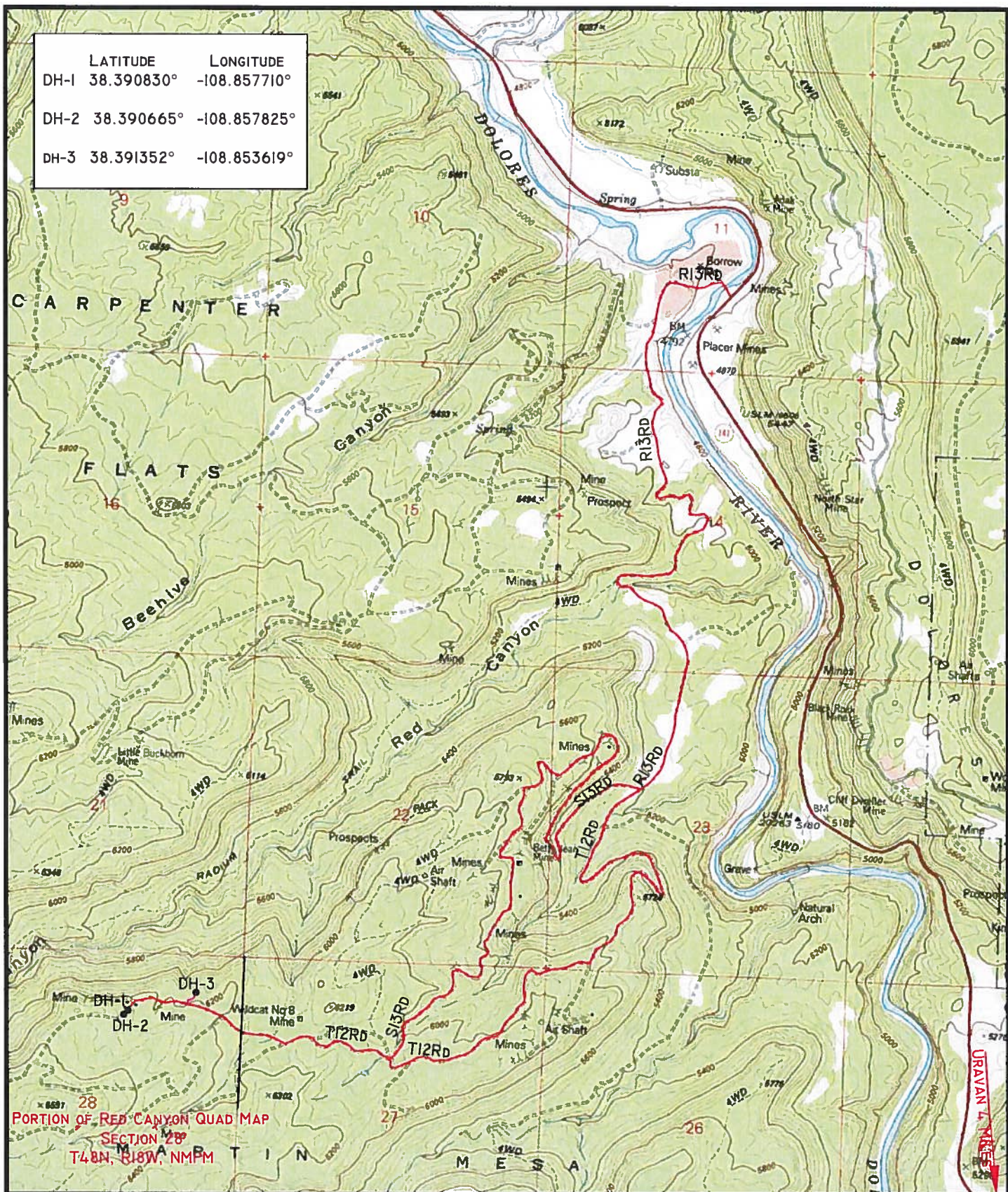
Upper Right - Continuation of road to DH-3, see drill hole staked in distance

Lower Right – Drill holes staked. Red is 2008 hole. Blue is proposed hole.



Lower Left - Drill hole #1 Red is 2008 hole. Blue is proposed hole.
 Upper Left - View of both drill holes, DH-1 and DH-2 +/- 50 feet apart.
 Upper Right - Drill hole #2 Red is 2008 hole. Blue is proposed hole.

	LATITUDE	LONGITUDE
DH-1	38.390830°	-108.857710°
DH-2	38.390665°	-108.857825°
DH-3	38.391352°	-108.853619°



Legend:

- County Roads
- Road to DH-3
- Drill Hole

PREPARED FOR:

ANDREWS MINING LLC
P.O. BOX 275
REDALE, CO 81431



ANDREWS MINING LLC

CORE DRILLING PROJECT
GENERAL LOCATION

PREPARED BY: J. E. STUYER & ASSOCIATES
1000 North 7th St. Suite 3
Grand Junction, CO 81501

DESIGNED BY:
DRAWN BY:
CHECKED BY:

J.E.S. 07/17

SCALE: 1" = 2000'

FIGURE I

J. E. STOVER & ASSOCIATES, INC.

2352 NORTH 7TH STREET, UNIT B
GRAND JUNCTION, COLORADO 81501
PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING
MINE RECLAMATION

CIVIL ENGINEERING
CONST. MANAGEMENT

RECEIVED

AUG 22 2017

**DIVISION OF RECLAMATION
MINING AND SAFETY**

August 22, 2017

Division of Reclamation, Mining and Safety
101 South 3rd, Ste. 301
Grand Junction, CO 81501

Re: Andrews Mining, LLC
Notice of Intent to Conduct Prospecting Operations

Dear Sirs:

On behalf of Andrews Mining, LLC, attached is its notice of intent to conduct prospecting operations on land managed by the Bureau of Land Management.

Sincerely,

J. E. Stover

J. E. Stover P.E.
Consulting Engineer

Jim Stover

From: Kathy Kacso [kkacso@montrosecounty.net]
Sent: Tuesday, August 22, 2017 2:17 PM
To: Jim Stover
Subject: RE: Notice of intent

Your notification was sent to the Commissioners and County Manager

Thank you,

Kathy Kacso

Administrative Support Manager
Office of County Management
317 S 2nd St
Montrose, CO 81401
(970) 252-4504
kkacso@montrosecounty.net



This email message and any attachments, from Montrose County, are confidential and intended solely for the use of the individual or entity to which it is addressed. The information contained herein may include protected or otherwise privileged information. Unauthorized review, forwarding, printing, copying, distributing, or using such information is strictly prohibited and may be unlawful. If you have received this message in error, please notify the sender by reply to this message and delete the email without disclosure. Thank you

From: Jim Stover [mailto:jestover@bresnan.net]
Sent: Tuesday, August 22, 2017 1:57 PM
To: kkacso@montrosecounty.net
Subject: Notice of intent

Board of County Commissioners:

Please be advised that Andrews Mining, LLC, P.O. Box 275, Redvale, CO 81423, is planning on performing prospecting work. The prospecting work is located in Section 28, T48N, R18W, NMPM. The company plans to drill three core holes. This notification is provided in accordance with the DMRS rules for conducting prospecting operations.

Jim Stover, P.E.
J. E. Stover & Associates, Inc.
2352 N 7th Street, Unit B
Grand Junction, CO 81501
O: 970-245-4101 M: 970-260-0802

Division of Reclamation, Mining, and Safety

Fee Receipt for P2017012

David Andrews
David Andrews
PO Box 275

Redvale

CO 814310000

Receipt #: 24102

Date: 08/29/2017

Permit: P2017012

Payment Method	Revenue Code	Fee Description/Notes	Amount
Check #1005	4300-MAPP	Minerals Application Fees User: sdt Payer: Andrews Resources LLC	\$86.00
Receipt Total:			\$86.00

DRMS
101 S, 3rd Street, Rm. 301
Grand Junction, CO
81501

RECEIVED

AUG 28 2017

**DIVISION OF RECLAMATION
MINING AND SAFETY**

Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203
ATTN: *SCOTTIE TATE*

GRAND JUNCTION CO 815
WED AUG 23 2017 PM

