



COLORADO

Division of Reclamation, Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

MINERAL PROSPECTING DRILL HOLE
PERMANENT ABANDONMENT FINAL REPORT

Pursuant to the terms of 34-32-113(5.5)(d) and (e) of the Act and Rule 5.7 of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations, abandonment reports shall be submitted to the Division within 60 days of abandonment for any drill hole with artesian flow, or within 12 months of abandonment for any other drill hole.

[Empty box]
(PROSPECT SITE NAME)

P [Empty box]
(PROSPECT NOI No.)

I. DRILL HOLE: Drill Hole I.D. No.

For this Section I, please attach completed drill hole logs OR complete the following information:

[Empty box]
(Total Depth)

[Empty box]
(Depth of Unconsolidated Material)

[Empty box]
(Depth of Penetration into Bedrock)

Was water encountered: No [] Yes [] if so, at what depth(s): [Empty box]

Was water encountered in either Volcanic or Sedimentary Rock: No [] Yes []

Date Drilled: [Empty box] Date Permanently Abandoned: [Empty box]

II. OPERATOR (PROSPECTOR) :

DRILLER:

[Empty box]
(Name)

[Empty box]
(Name)

[Empty box]
(Address)

[Empty box]
(Address)

[Empty box] (City) [Empty box] (State)

[Empty box] (City) [Empty box] (State)

[Empty box] (Zip) [Empty box] (Telephone No.)

[Empty box] (Zip) [Empty box] (Telephone No.)



III. LOCATION:

The following information is required for ALL prospecting drill holes:

1/4 of the 1/4 of Section Township Range

Prime Meridian County

If the area has not been surveyed, supply the Longitude West and Latitude North, or attach a location map, preferably a USGS Quad.

The following additional information is required for artesian flowing holes:

Feet North South from the South North section line
 feet east West from the west East section line

NOTE: In the case of closely spaced drill holes having similar geologic and hydrologic characteristics, the Operator may, with the approval of the Division, submit a single consolidated final report including the location of all drill holes and a description of abandonment technique. In such case, complete one abandonment final report form and attach a list of drill hole locations. If more space is needed to provide any of the information for this form, please attach separate sheets.

IV. Complete Either Subsection A or B:

PERMANENT ABANDONMENT (Check either box 1 or subsection 2 boxes as appropriate and provide the requested information)

1. Plugged dry hole, method of plugging:

Depth at which concrete plug set: feet below ground surface.

2. Sealed Hole (when groundwater is encountered):

2a. Neat Cement Grout, top to bottom: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

2b. Neat Cement Grout, interval grouting: grout mixture used:

Intervals grouted (feet beneath ground surface, method and materials):

2c. Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name:

Marsh Funnel viscosity of abandonment fluid: sec.

Type of surface plugging used:

Depth at which plug set: feet below ground surface,

Method:

2d. Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

B. CONVERSION TO A WATER WELL

State Engineer's Permit No.: (attach copy of permit)

County Where Well is Located:

Water Well Use:

V. METHOD OF RECLAIMING DRILL SITE SURFACE DISTURBANCE:

The Operator who conducted the prospecting drill operation states that the information set forth hereupon is true to the best of their knowledge.

(Name of Operator's Representative)

(Title)

(Signature of Operator's Representative)

(Date)



WSP USA
2000 S. Colorado Blvd., Ste. 2-1000
Denver, CO 80222
T: 303-935-6505
www.wsp.com

October 27, 2022

Mr. Robert Burger
Sierta Redcone, LLC
1885 Red Coach Road
Allison Park, Pennsylvania 15101

Subject: WP-8 Borehole Abandonment Report
Redcone Exploration Project
Webster Pass
Summit County, Colorado
Project Number 3270NR0010

Dear Mr. Burger:

WSP USA Environment & Infrastructure Inc. (WSP), formerly Wood Environment & Infrastructure Solutions, is pleased to present this borehole abandonment report to Sierta Redcone, LLC (Sierta). This report summarizes the WP-8 borehole abandonment activities conducted on August 1st, 2022, on Webster Pass, Summit County, Colorado (Site). This report was prepared in accordance with the Redcone 2019 Revised Plan of Operations for Mining Activities on National Forest System Lands signed on July 9, 2019. Wells have been abandoned per USFS requirements including Colorado Mined Land Reclamation Act 34-32-113(5.5) and ASTM International (ASTM) Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environment Activities (ASTM D5299-18).

Background

The Redcone Exploration Project is located in Summit County, Colorado within the boundaries of the United States Forest Service (USFS) Pike and San Isabel National Forest. The project area is approximately five miles south of the town of Montezuma, Colorado along Handcart Gulch Road on Webster Pass. The location of Borehole WP-8 is shown on Figure 1. The proposed 2022 exploration program consists of coring four boreholes using NQ directional wireline coring techniques for mineral exploration purposes. Authorization to conduct drilling operations were provided in the approved Notice of Intent to Conduct Prospecting Operations for Hard Rock/Metal Mines – Permit Number P2014003 (a copy is included in the attachments).

The following are the borehole specifications:

- Coring of Borehole WP-8 began on July 29, 2022, and completed on July 31, 2022
- Coordinates of Borehole WP-8 was 39°31'01.84"N, 105°49'29.88"W
- Direction of Borehole WP-8 was North 300°
- Inclination of Borehole WP-8 was 50°
- PQ coring (4.83" diameter rods) from 0-10 feet below ground surface (bgs)

- NQ coring (3.03" diameter rods) from 0-601 feet bgs
- Total depth of borehole: 601 feet bgs
- Drilling Contractor: San Juan Drilling, Inc. from Montrose, Colorado
- Drill Rig – BLY LF 90D
- No material was left in place after drilling was completed

Rock cores were collected and sent offsite for analysis of mineral content.

Summary of Abandonment Activities

The following abandonment design criteria was requested by the USFS prior to any abandonment activities:

- Drill holes shall be plugged with cement or bentonite grout placed from the bottom of the drill hole to a depth of two feet below ground surface. Plugging of all drill holes shall be consistent with Section 5.4 of the Mineral Rules and Regulation (Colorado Mined Land Reclamation Board 2019). This method will ensure compliance with Colorado Mined Land Reclamation Act 34-32-113(5.5), and the Federal regulation at 36 CFR 228.8(b), (g), and 9H), and the ASTM International Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environment Activities (ASTM D5299-99). A stamped plate indicating the hole number correlation to the Plan of Operations must be included on the abandoned well.

On August 1st, 2022, personnel from WSP were onsite to observe San Juan Drilling personnel during abandonment of Borehole WP-8. Robert Burger of Sierta provided the borehole specifications prior to any abandonment activities.

The following steps were performed to abandon Borehole WP-8:

- Borehole volume was calculated at approximately 222 gallons
- NQ rods were removed from the borehole, and the HQ rods were used as tremie pipe to inject cement into borehole
- Plugging material was made in 300-gallon batches of Portland cement
- Each batch of cement was injected through the HQ rods
- After each batch of cement was injected down the borehole, approximately 400 feet of the HQ rods was removed
- Two batches (600 gallons) of cement were injected through the HQ rods and used to top off borehole to approximately ground surface after all the HQ pipe was removed
- A metal tag with "WP-8" was placed on top of the grout seal.
- Rig was moved to a different drilling location after abandonment

Grading of the site was not performed at this time because the work was not completed and the drill rig was still onsite. Sierta anticipates that grading will be performed in the fall of 2022.

A photographic log showing before and after abandonment, and material and equipment used to abandon the borehole is included in the attachments.

Please call Richard Weber at 303-630-0762 if you have any questions.

Sincerely,

WSP USA

A handwritten signature in blue ink, appearing to read "Richard Weber".

Richard Weber, CEM

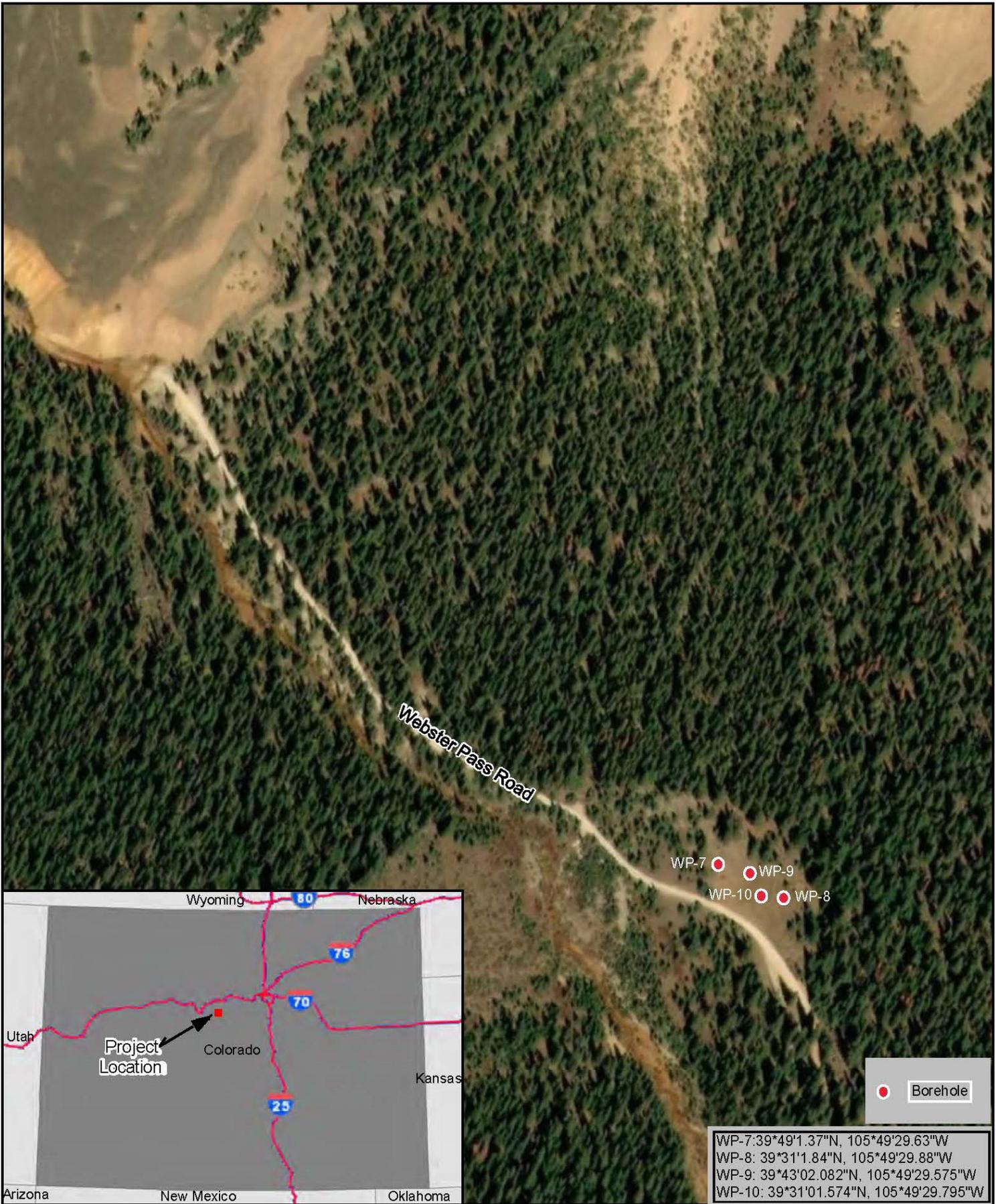
Natural Resources Group Manager

Enclosures:

Figures

Attachment A

Attachment B



0 100 200 Feet	
Job No.: 3270NR0010	<small>The map shown here has been created with all due and reasonable care and is strictly for use with WSP Project Number 3270NR0010. This map has not been certified by a licensed land surveyor, and any third party use of this map comes without warranty of any kind. WSP USA assumes no liability, direct or indirect, whatsoever for any such third party or unintended use.</small>
PM: RW	
Date: 10/25/22	
Scale: 1:2,000	



Redcone Project
Sierta Redcone, LLC

Borehole Locations



*Attachment A: Notice of Intent to Conduct Prospecting Operations for Hard
Rock/Metal Miles – Permit Number P2014003*

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

NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS
FOR HARD ROCK/METAL MINES**Form 1**

All confidential and public information
For **DRMS** use, and confidential filing

Form 2

Public information only
For public filing

GENERAL:

To conduct prospecting activities in the State of Colorado, a person or organization must file a Notice of Intent to conduct Prospecting Operations (NOI or Prospecting Notice) and provide a financial warranty for the prospecting operations to the Mined Land Reclamation Board (MLRB or Board). All prospecting operations must comply with the Colorado Mined Land Reclamation Act, as amended (34-32-101 et seq. C.R.S.), and the Colorado Mined Land Reclamation Board Hard Rock/Metal Mines Rules and Regulations 2 CCR 407-1 and amendments to those rules ("Rules"). This NOI form is for all minerals except coal and construction materials. The Division shall determine (where there is a question) if an operation is prospecting or mining.

The New Law:

Senate Bill (SB) 228 became law on June 2, 2008. SB 228 revised portions of C.R.S. 34-32-113 pertaining to confidentiality and filing requirements and requiring that certain aspects of Prospecting Notices will no longer be confidential.

As revised, C.R.S. 34-32-113 (3) now requires, in part, that "All information provided to the Board in a notice of intent to conduct prospecting or a modification of such a notice is a matter of public record subject to the Open Records Act, Part 2 of Article 72 of Title 24, C.R.S., including, in the case of a modification, the original notice of intent; except that information relating to the mineral deposit location, size, or nature and, as determined by the Board, other information designated by the operator as proprietary or trade secrets or that would cause substantial harm to the competitive position of the operator shall be protected as confidential information by the Board and shall not be a matter of public record in the absence of a written release from the operator or until a finding by the Board that reclamation is satisfactory. Such information designated as exempt shall remain confidential until a final determination by the Board". If the Board determines that information is not confidential, the Division shall treat it as public information thirty (30) days from the Board's written order.

C.R.S. 34-32-113 (9) now requires that the applicant provide the NOI in an electronic version in addition to the paper form and that DRMS post on the Division's website the NOI upon submittal. Specifically, this subsection states: "Upon the submittal of a notice of intent to conduct prospecting or a modification of such a notice, the person submitting such notice or modification shall give an electronic version of the notice or modification, except for that information exempted from public disclosure under subsection (3) of this section and that information designated by the person as exempt from disclosure under subsection (3) of this section, to the Board in a format determined by the Board. The Division shall post such version of the notice or modification on its web site". The new requirements of the Act apply to NOIs or modifications thereto submitted or approved on or after June 2, 2008.

The Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal and Designated Mining Operations were also revised as a result of the changes to the Act and became effective September 30, 2010.

A summary of new requirements of the rules are as follows and apply to NOI's or modifications thereto submitted or approved on or after September 30, 2010.

Rule 1.3 addresses the designation of confidential materials submitted to the Division in an NOI and the public review and appeal processes associated with the confidential designation process.

Rule 3.1.6(4) authorizes the Division to require the submission of baseline site characterization data for surface and ground water on a case by case basis.

Rule 3.1.6(5) authorizes the Division to implement environmental protection measures associated with drill pits on a case-by-case basis.

Rule 5.1.2 identifies application requirements for NOI's including new requirements to submit two (2) forms (one confidential and one non-confidential) and an electronic version of any application.

In addition, Rule 5.1.2 (m) (i) & (ii) identifies a new requirement for prospectors to notify the Local Boards of County Commissioners at the time of application submittal for an NOI and to provide certification that such notice was submitted.

Rule 5.1.3 identifies office review procedures for processing NOI's including confidential dispute timelines.

Rule 5.2 describes confidentially as it pertains to NOI filings pre and post June 2, 2008.

DEFINITION:

"Prospecting" is defined in Rule 1.1(43) of the Hard Rock/Metal Mining Rules and Regulations as the act of searching for or investigating a mineral deposit. "'Prospecting' includes, but is not limited to, sinking shafts, tunneling, drilling core and bore holes and digging pits or cuts and other works for the purpose of extracting samples prior to the commencement of development or extraction operations, and the building of roads, access ways, and other facilities related to such work. The term does not include those activities which cause very little or no disturbance, such as airborne surveys and photographs, use of instruments or devices which

are hand-carried or otherwise transported over the surface to make magnetic, radioactive, or other tests and measurements, boundary or claim surveying, location work, or other work which causes no greater land disturbance than is caused by the ordinary, lawful use of the land by persons not prospecting. The term does not include any single activity which results in the disturbance of a single block of land totaling 1600 square feet or less of the land surface, not to exceed two such disturbances per acre; except that the cumulative total of such disturbances will not exceed five acres statewide in any prospecting operation extending over 24 consecutive months” (Rule 1.1.43).

APPLICATION FEE: \$86

NOIs and modifications require an **\$86** fee, which must accompany this notice or it cannot be processed by the Division (C.R.S. 34-32-127(2) (a) (I) (K)).

RECOMMENDATIONS PRIOR TO FILING:

The Hard Rock/Metal Mining Rules and Regulations, the Colorado Mined Land Reclamation Act 34-32-101 and the Colorado Mined Land Reclamation Board regulate the filing, operational and reclamation requirements for prospecting operations in Colorado. It is your obligation to comply with the Act and Regulations. You are encouraged to obtain and review a copy of the Rules, available from the Division or accessed on line at www.mining.state.co.us. In order to file your NOI properly, it is recommended that you review the Act and

Rule 1.1	Definitions
Rule 1.3	Public Inspection of Documents (Confidentially and dispute resolution)
Rule 3.1	Reclamation Performance Standards
Rule 3.1.6	Water-General Requirements ((4) & (5))
Rule 3.3.1	Operating without an NOI - Penalty
Rule 4	Financial Warranties
Rule 5	Prospecting Requirements

FILING REQUIREMENTS:

If you plan to conduct prospecting on any lands in Colorado, you must provide all information described in this form. To file an NOI, submit the following:

- One (1) signed and completed NOI packet including Form 1 (confidential) and Form 2 (non-confidential) with maps and attachments (original signatures must be done in blue ink) along with electronic copy;
- One (1) unbound copy of the original NOI packet, including Forms 1 & 2 with maps and attachments;
- OR One (1) signed and completed NOI Non-Confidential Form (Form 2) plus 1 (one) copy and electronic copy, if entire NOI submittal is Non-Confidential;
- Application fee (\$86); and
- Financial Warranty and applicable warranty form.
- Notice of Filing with the Board(s) of County Commissioners where prospecting will occur. (See section VIII-Signature Requirements)

New and Additional NOI Filing Requirements for Confidentiality Designations:

1. Applicants of NOIs must specifically designate each portion of the submittal that the applicant believes should be confidential. This designation must comply with the provisions of SB08-228 as discussed above and should include not only information relating to the mineral deposit location, size, or nature but also other information the applicant believes is proprietary or trade secrets or that would cause substantial harm to the competitive position of the applicant. The applicant should distinguish in the submittal between those portions of the NOI that are confidential because they relate to the mineral deposit and those portions that the applicant believes are proprietary, trade secret or harmful to its competitive position. Those portions of the submittal that are not designated as confidential will be available as public record.
2. The applicant must submit two separate forms. One form will contain all information, including both public and confidential information (with the confidential information designated as such). This complete form will be used by the DRMS for review and will be held as confidential.

The second form will contain only the information the applicant believes is public with the applicant redacting all information to be held as confidential.

3. The submittals must be provided in both paper and electronic format.
4. All public portions of the submittal will be made available on the Division website and in the Division's public files.
5. All portions of the submittal that are confidential by law, or as designated by the prospector, will remain secured from public access, *i.e.*, not on the website and not in the Division's public files. If the Board rules that some portion of the file should be public, then that portion will be made available and no longer held from public view.

Processing Requirements:

The Division will review the NOI and associated Financial Warranty information within twenty (20) working days of receipt by the Division. If the prospector has not been notified of any deficiencies of the NOI Form within twenty (20) working days of receipt, prospecting operations may commence upon approval of the financial warranty. The Prospector has 60 days from the date of filing to correct any deficiencies. For activities on BLM or USFS Lands, the twenty (20) working-day period begins on the day when the appropriate Federal Land Management agency has been notified by the Prospector (see below). Incomplete NOI forms will be terminated and returned to the person or organization, if deficiencies are not corrected within 60 days of filing (*Rule 5.1.3*).

The New Review Process Regarding Confidentiality Designations

Hard Rock Rule 5.1.3 (Office Review), Rule 5.2 (Confidentially) and Rule 1.3 (Public Inspection of Documents) will apply. These rules will guide office review of determinations regarding confidentiality designations. The Division will review the submittal for technical adequacy as stated above, including the

review of the submittal in regard to information the applicant has designated as confidential. If the Division identifies any deficiencies in the submittal including any disagreement regarding the designation of confidential materials, then the prospector will be notified by the Division in accordance with the timeframes identified within these rules, but no later than 20 working days of NOI receipt.

Any disputes concerning whether information in an NOI is confidential or public shall be resolved by following the procedures and timelines outlined in Rule 1.3.

Disputes relating to designation of confidentiality may be resolved by the Prospector removing the confidentiality designation by the Prospector or by Board determination. The DRMS will not issue an approval decision and the applicant is not authorized to commence prospecting operations until all deficiencies, including confidentiality issues, are resolved.

PROSPECTING ON FEDERAL LAND:

The Division has entered into cooperative agreements with the U.S. Bureau of Land Management (BLM) or the U.S. Forest Service (USFS) to coordinate the review of NOIs and the posting of financial warranties. The primary goal is to ensure that the agencies minimize duplication of functions and thereby minimize regulatory duplication imposed upon prospecting operations. The Division assumes the primary responsibility for the administration, review, and permitting of NOIs. The prospector is required to document that the NOI has been sent to the BLM or the USFS. Upon receipt of the NOI, the Division will notify the appropriate BLM or USFS office and forward a copy of the NOI. 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.

FINANCIAL WARRANTY:

A financial warranty must be provided and approved prior to the entry upon lands for the purpose of prospecting. The prospector can either file a “One Site Prospecting Financial Warranty” or a “Statewide Prospecting Financial Warranty.” The One Site Prospecting Financial Warranty is usually filed by individuals or small companies where prospecting activities are limited to a single area. It must be filed in the amount of \$2,000 per acre for the land to be disturbed, or such other amount as determined by the Division, based on the projected costs of reclamation, taking into account the nature, extent, and duration of the prospecting operation and the magnitude, type and estimated cost of the planned reclamation. A Statewide Financial Warranty is usually filed by larger 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.) **The financial warranty must be submitted and approved by the Division prior to entry upon lands for the purpose of prospecting.** The financial warranty will be retained by the Board until the prospector has completed reclamation of the prospecting site and has been released, in writing, of reclamation responsibility. Financial warranty forms can be downloaded from the Division’s Internet web page located at <http://mining.state.co.us>.

PLAN MODIFICATIONS:

Modifications to an existing NOI must be submitted in writing and approved in advance of such activity. Modifications shall be reviewed by the Board or Office in the same manner as new NOIs, use the same NOI forms, include confidentiality designations, and a fee for \$86. Prospectors must fill out sections of the NOI

form that will change and indicate the sections that will not change. Prospectors must designate each portion of the modified NOI they believe are to remain confidential. Please note that under SB08-228, all information provided to the Board in an NOI or a modification of an NOI is a matter of public record including, in the case of a modification, the original notice of intent, unless that information relates to the mineral deposit location, size, or nature or is designated by the Prospector as proprietary or trade secrets, or that would cause substantial harm to the competitive position of the Prospector. Accordingly, the Prospector should also designate the information in the original NOI that it believes is confidential if it has not already done so.

The Board shall determine (where there is a question) if an NOI can be modified or requires the filing of a new NOI in accordance with Rule 1.4.11. If the Division determines that the proposed modification (or new NOI) requires the posting of an additional reclamation bond amount to cover increased costs of reclamation caused by the modification (or new NOI), the NOI holder must submit, and the Division must approve, the supplemental or additional bond to cover such increased reclamation costs before the NOI holder may undertake any additional or different activities described in the modification (or new NOI). A separate prospecting notice shall be filed with the Office for each non-contiguous land survey quarter section in which a proposed prospecting activity is to occur. The requirement for separate notices may be waived by the Office for good cause (*Rule 5.1.1*).

ANNUAL REPORTS:

Effective as of December 31, 2006, Annual Reports are required for all active prospecting operations. **By the anniversary date of each year that the NOI is in effect, the prospector must file an annual reclamation report detailing the exploration and reclamation activities that occurred during that year and whether prospecting has been completed (Rule 5.6).** Annual Reports filed on or after June 2, 2008 shall be a matter of public record unless designated by the prospector as confidential pursuant to the provision of Rule 1.3. Failure to submit an Annual Report for two (2) consecutive years shall constitute evidence of abandonment of the prospecting activities. **The report must be accompanied by an annual fee in the amount of \$86.**

RECLAMATION:

Reclamation shall be completed in a timely manner and within five (5) years of completion of prospecting activities (Rule 5.1.2(g)). The time period to complete site reclamation commences on the date that prospecting has been completed, as stated in the Annual Report. New or significantly upgraded roads, structures, or other features on private lands that are planned to be retained following prospecting may be identified in the NOI submittal and may be excluded from the financial warranty amount at the discretion of the office. The prospector must submit a notarized letter from the landowner requesting that the roads, structures or other features remain on site and demonstrate that it meets the applicable County zoning and code requirements.

RELEASE OF FINANCIAL WARRANTY AND TERMINATION OF THE NOI:

Upon completion of any phase of reclamation, you should consult Rule 3.1 for reclamation standards and Rule 4.16 for details on how to request a reclamation responsibility release from the MLRB. Following the completion of reclamation, the prospector may request a release of the reclamation responsibility sent by certified mail. The Division will conduct an inspection within 30 days of receiving the request (or as soon

thereafter as weather conditions permit). If the operation is located on Public Land or State Land, the Division will coordinate the inspection with the appropriate land management agency.

COMPLIANCE WITH OTHER LAWS:

Compliance with the Act and Rules and Regulations of the Mined Land Reclamation Board does not relieve you of responsibility to comply with all other applicable local, state and federal laws. We recommend that you contact the following agencies and any others to determine whether you need to comply with their legal requirements:

The Colorado State Historical Preservation Office regarding properties of potential historical significance;

Colorado Division of Water Resources regarding water rights;

Colorado Department of Public Health and the Environment, Water Quality Control Division, regarding the potential to discharge pollutants into the State waters;

Colorado Department of Public Health and the Environment, Air Pollution Control Division, with regard to the potential need for a fugitive dust permit;

U.S. Bureau of Land Management or the U.S. Forest Service if the proposed operation is on federal lands;

U.S. Army Corps of Engineers regarding a dredge and fill (404) permit; and

The County Planning Department for the county or counties in which the proposed operation is located.

AUTHORIZED SIGNATURE:

You, or a person authorized by you, must sign the NOI. By doing so you are stating that the information provided in the NOI is true and correct as of the date specified. For individuals, the NOI must be signed by the NOI holder or the person authorized to sign on the NOI holder's behalf. For companies or partnerships, the NOI must be signed by a person acting under the company's/partnership's express or implied authority, or by an authorized agent.

SUBMIT COMPLETED NOIs TO ONE OF THE OFFICES BELOW:

Denver Office (main):
Division of Reclamation, Mining and Safety
1313 Sherman St., Rm. 215

Denver, CO 80203
Telephone: 303.866.3567
FAX: 303.832.8106

Grand Junction Field Office:
Division of Reclamation, Mining and Safety
101 South 3rd St., Ste. 301

Grand Junction, CO 81501
Telephone: 303-866-3567
FAX: 970.241.1516

Durango Field Office:
Division of Reclamation, Mining and Safety
691 CR 233, Ste A-2
Durango, CO 81301
Telephone: 303-866-3567
FAX: 970.247.5104

Office hours are Monday to Friday, 8:00 a.m. to 5:00 p.m., excluding State Holidays.

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 I

All information for DRAIS 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-2014-003 (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: Redcone _____

3. PROSPECTOR:

Name: Robert M. Burger _____

PERSON MLRB SHOULD CONTACT:

Name: Same as Prospector _____

Title: President _____

Title: _____

Company Name: Sierta, LLC _____

Company Name: _____

Street: 1885 Redcoach Rd. _____

Street: _____

P.O. Box: _____

P.O. Box: _____

City: Allison Park _____

City: _____

State: PA _____

State: _____

Zip Code: 15101 _____

Zip Code: _____

Telephone Number: (412) 818-5659 _____

Telephone Number: _____

Fax Number: _____

Fax Number: _____

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: Park _____

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

SECTION (write number): S _____

TOWNSHIP (write number and check direction) T 6 North

RANGE (write number and check direction) 75 E South

QUARTER SECTION (check one): NE NW East West

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):
Montezuma is approximately 5 miles NW of proposed work site, and the elevation is ~11,050 feet

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: _____
See attached Pike National Forest proposed work for map and location.

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: Robert M. Burger

Address: 1885 Redcoach Rd
Allison Park, PA 15101
r.burger@verizon.net

Telephone: 412-818-5659

Fax Number: _____

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>Red Cone Mill Site</u>	<u>284550</u>	<u>Red Cone Mill Site Sec. 1 T6S R76W</u>
<u>Red Cone (1-11, 13-19, 21,27)</u>	<u>284530-284549</u>	<u>Red Cone Sec. 12 & 13 T6S R76W</u>
		<u>Red Cone Sec. 7 & 18 T6S R75W</u>
<u>RC (22 - 26, 28 - 32)</u>	<u>290658-290667</u>	<u>Sec 18 & 19 T6S R75W</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:

South Park Ranger District
P.O. Box 219, 320 Hwy 285
Fairplay, CO 80440
Phone (719) 836-2031

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:** Source(s) of metal contamination of water in Handcart Gulch

2. **Estimated dates of commencement and completion:**

Commencement: 07/15/2019,

Completion: 10/30/2019,

about 12.75 cubic yards

3. **Amount of material to be extracted, moved or proposed to be moved:** _____

4. **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"/> Declines |
| <input type="checkbox"/> shafts | <input type="checkbox"/> Tunnels | <input type="checkbox"/> Adits | |
| <input type="checkbox"/> Air Drilling | <input checked="" 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...

Two level drilling pads estimated to be 25 by 35 ft each will be constructed. Short access roads estimated to be 25 ft long by 10 wide will be constructed to each pad. Back to back sumps measuring 10 x 10 x 8 ft will be excavated on each drill pad.

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 2.00 Average Width 25.00 (ft) Average Length 35.00 (ft)
- B. Drill Holes: Quantity 2.00 Depth 3,000.00 (ft) Diameter 3.00 (in)
- C. Mud Pits: Quantity 2.00 Average Width 10.00 (ft) Average Length 10.00 (ft)

Average Depth 8.00 (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:

Back to back sumps will be excavated at each drill pad. Dimensions approximately 10 ft x 10 ft x 8 ft deep.

D. Other Disturbances (please describe):

Do not anticipate any other. Our plan is to work from the drill pads adjacent to FSR 121 (Webster Pass Road).

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

Not anticipating storage of fuels onsite, beyond the OEM equipment & vehicles diesel fuel tanks

F. New Road(s): Length 50.00 (ft) Width 10.00 (ft)

Significantly Upgraded Road(s) Length _____ (ft) Width _____ (ft)

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

At each drill site, a hose will be placed in a 10' drill pipe which will be placed in a shallow trench across FSR121 and buried. The pipe will be removed upon completion at each drill location and the trench will be refilled to grade.

G. Total project area to be disturbed 0.50 (acres)

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

Track-mounted wireline core drill. Drill pipe possibly on separate trailer. Backhoe for pad construction and reclamation. Drilling to be served by 4-wheel drive crew type pickup trucks, and crews will be housed and fed off Forest Service lands.

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

Topsoil, if present, will be stockpiled adjacent to the drill pads for replacement upon site restoration. Drill core will be transported and stored permanently off site.

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

Handcart Gulch is located approximately 75 ft west of the northern drill pad (pad 5) and approximately 200 ft west of the southern drill pad (pad 6). Groundwater (perched aquifer) expected to be encountered at base of overburden between 25 and 50 ft below ground surface (bgs). Rock below is crystalline. Some fracture permeability is possible.

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.

Pad 5 is on colluvial material adjacent to a "rock glacier".
Pad 6 is also on colluvial material on a grassy area adjacent to FSR 121 devoid of trees.
We plan to follow the forest service recommendations.

- 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, if present, is very thin and poorly developed in the area (0 - 6"). If present, it will be moved aside and stockpiled adjacent to the pad. Upon reclamation, it will be redistributed as recommended by the Forest Service.

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

On the way out of boring, drill rods will be displaced with 20% high-solids bentonite grout to 20 ft below ground surface (bgs). A cement cap will be emplaced from 20 ft to 1 ft bgs. Natural fill will be placed from 1 ft bgs to the ground surface.

- 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.

Drill sites: Sites will be re-graded to their original contours and re-vegetated as recommended by the Forest Service.

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

The roads will be re-graded to their natural contours and revegetated as recommended by the Forest Service.

- 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.**

An 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 you initials on the line provided:

- RMB 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.
- RMB I have enclosed the required permit fee.
- RMB 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.
- RMB 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.
- RMB 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.
- RMB 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. 34-32-10 I.
- RMB I herby 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 31 day of March, 2011

Signature of NOI holder or person authorized to sign:



Name (typed or print) Robert M. Burger

Title/Position: President, Sjerta Redcone, L LC

Robert M. Burger

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**
 New NOI P- {Please reference the file number assigned to this operation}
 Modification to an Existing NOI
P-2014-003 {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:** Redcone
8. **PROSPECTOR:** Robert M. Burger **PERSON MLRB SHOULD CONTACT:**
Name: _____ Name: Same as Prospector
Title: President Title: _____
Company Name: Sierta, LLC Company Name: _____
Street: 1885 Redcoach Rd. Street: _____
P.O. Box: _____ P.O. Box: _____
City: Allison Park City: _____
State: PA State: _____
Zip Code: 15101 Zip Code: _____
Telephone Number: (412) 818-5659 Telephone Number: _____
Fax Number: _____ Fax Number: _____
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: Park
PRINCIPAL MERIDIAN {check one} 6th (Colorado) 10th (New Mexico) (Ute)
SECTION (write number): S 18
TOWNSHIP (write number and check direction) T____ North South

RANGE (write number and check direction) R75 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):
Montezuma is approximately 5 miles NW of proposed work site, and the elevation is ~11,050 feet

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: _____

See attached Pike National Forest proposed work for map and location.

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: Robert M. Burger

Address: 1885 Redcoach Rd
Allison Park, PA 15101
r.burger@verizon.net

Telephone: 412-818-5659

Fax Number: _____

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>Red Cone Mill Site</u>	<u>284550</u>	<u>Red Cone Mill Site Sec. 1 T6S R76W</u>
<u>Red Cone (1-11, 13-19, 21,27)</u>	<u>284530-284549</u>	<u>Red Cone Sec. 12 & 13 T6S R76W</u>
		<u>Red Cone Sec. 7 & 18 T6S R75W</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:

South Park Ranger District
P.O. Box 219, 320 Hwy 285
Fairplay, CO 80440
Phone (719) 836-2031

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:** Source(s) of metal contamination of water in Handcart Gulch

8. **Estimated dates of commencement and completion:**

Commencement: 07/15/2019,

Completion: 10/30/2019,

about 12.75 cubic yards

9. **Amount of material to be extracted, moved or proposed to be moved:** _____

10. **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"/> Declines |
| <input type="checkbox"/> Shafts | <input type="checkbox"/> Tunnels | <input type="checkbox"/> Adits | |
| <input type="checkbox"/> Air Drilling | <input checked="" 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...

Two level drilling pads estimated to be 25 by 35 ft each will be constructed. Short access roads estimated to be 25 ft long by 10 wide will be constructed to each pad. Back to back sumps measuring 10 x 10 x 8 ft will be excavated on each drill pad.

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 2.00 Average Width 25.00 (ft) Average Length 35.00 (ft)

B. Drill Holes: Quantity 2.00 Depth 3,000.00 (ft) Diameter 3.00 (in)

C. Mud Pits: Quantity 2.00 Average Width 10.00 (ft) Average Length 10.00 (ft)

Average Depth 8.00 (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:

Back to back sumps will be excavated at each drill pad. Dimensions approximately 10 ft x 10 ft x 8 ft deep.

F. Other Disturbances (please describe):

Do not anticipate any other. Our plan is to work from the drill pads adjacent to FSR 121 (Webster Pass Road).

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

Not anticipating storage of fuels onsite, beyond the OEM equipment & vehicles diesel fuel tanks

F. New Road(s): Length 50.00 (ft) Width 10.00 (ft)

Significantly Upgraded Road(s) Length _____ (ft) Width _____ (ft)

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

At each drill site, a hose will be placed in a 10' drill pipe which will be placed in a shallow trench across FSR121 and buried. The pipe will be removed upon completion at each drill location and the trench will be refilled to grade.

G. Total project area to be disturbed 0.50 (acres)

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

Track-mounted wireline core drill. Drill pipe possibly on separate trailer. Backhoe for pad construction and reclamation. Drilling to be served by 4-wheel drive crew type pickup trucks, and crews will be housed and fed off Forest Service lands.

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

Topsoil, if present, will be stockpiled adjacent to the drill pads for replacement upon site restoration. Drill core will be transported and stored permanently off site.

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

Handcart Gulch is located approximately 75 ft west of the northern drill pad (pad 5) and approximately 200 ft west of the southern drill pad (pad 6). Groundwater (perched aquifer) expected to be encountered at base of overburden between 25 and 50 ft below ground surface (bgs). Rock below is crystalline. Some fracture permeability is possible.

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.
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Pad 5 is on colluvial material adjacent to a "rock glacier".
Pad 6 is also on colluvial material on a grassy area adjacent to FSR 121 devoid of trees.
We plan to follow the forest service recommendations.

- 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:

Topsoil, if present, is very thin and poorly developed in the area (0 - 6"). If present, it will be moved aside and stockpiled adjacent to the pad. Upon reclamation, it will be redistributed as recommended by the Forest Service.

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

On the way out of boring, drill rods will be displaced with 20% high-solids bentonite grout to 20 ft below ground surface (bgs). A cement cap will be emplaced from 20 ft to 1 ft bgs. Natural fill will be placed from 1 ft bgs to the ground surface.

- 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.

Drill sites: Sites will be re-graded to their original contours and re-vegetated as recommended by the Forest Service.

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

The roads will be re-graded to their natural contours and revegetated as recommended by the Forest Service.

- 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

4. The prospector will supply a copy of this NOI to the appropriate BLM and/or USFS office.
5. The prospector authorizes the MLRB to discuss the information in this Notice of Intent with the BLM and/or USFS.
6. 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.**

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VIII. SIGNATURE REQUIREMENT

Please place you initials on the line provided:

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.

RMB

I have enclosed the required permit fee.

RMB

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.

RMB

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.

RMB

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.

RMB

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.

RMB

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.

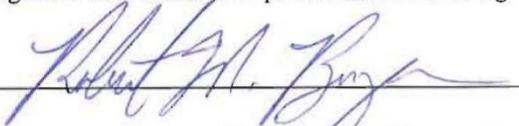
This form has been approved by the Mined Land Reclamation Board pursuant to section 34-32-113, C.R.S., of the Mined Land Reclamation Act. Any alteration or modification of this form shall result in voiding any NOI issued on the altered or modified form and subject the operator to cease and desist orders 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 20th day of May, 2019

Signature of NOI holder or person authorized to sign:



Robert M. Burger

Name (typed or print) _____

Title/Position: President Sierta Redcone, LLC

Robert M. Burger

Attachment B: Photographic Log



1. Drill Site for borehole WP-8



2. Drill Rig used to abandon borehole WP-8



3. Cement plugging material used to abandon WP-8 Borehole



4. Cement mixing tank



5. Cement injection head mounted on top of NQ rod



WSP USA
2000 S. Colorado Blvd., Ste. 2-1000
Denver, CO 80222
T: 303-935-6505
www.wsp.com

October 27, 2022

Mr. Robert Burger
Sierta Redcone, LLC
1885 Red Coach Road
Allison Park, Pennsylvania 15101

Subject: WP-9 Borehole Abandonment Report
Redcone Exploration Project
Webster Pass
Summit County, Colorado
Project Number 3270NR0010

Dear Mr. Burger:

WSP USA Environment & Infrastructure Inc. (WSP), formerly Wood Environment & Infrastructure Solutions, is pleased to present this borehole abandonment report to Sierta Redcone, LLC (Sierta). This report summarizes the WP-9 borehole abandonment activities conducted on August 10th, 2022, on Webster Pass, Summit County, Colorado (Site). This report was prepared in accordance with the Redcone 2019 Revised Plan of Operations for Mining Activities on National Forest System Lands signed on July 9, 2019. Wells have been abandoned per USFS requirements including Colorado Mined Land Reclamation Act 34-32-113(5.5) and ASTM International (ASTM) Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environment Activities (ASTM D5299-18).

Background

The Redcone Exploration Project is located in Summit County, Colorado within the boundaries of the United States Forest Service (USFS) Pike and San Isabel National Forest. The project area is approximately five miles south of the town of Montezuma, Colorado along Handcart Gulch Road on Webster Pass. The location of Borehole WP-9 is shown on Figure 1. The proposed 2022 exploration program consists of coring boreholes using NQ directional wireline coring techniques for mineral exploration purposes. Authorization to conduct drilling operations were provided in the approved Notice of Intent to Conduct Prospecting Operations for Hard Rock/Metal Mines – Permit Number P2014003 (a copy is included in the attachments).

The following are the borehole specifications:

- Coring of Borehole WP-9 began on August 1, 2022, and completed on August 9, 2022
- Coordinates of Borehole WP-9 was 39°43'02.082"N, 105°49'29.575"W
- Direction of Borehole WP-9 was North 0°
- Inclination of Borehole WP-9 was 90°
- PQ coring (4.83" diameter rods) from 0-10 feet below ground surface (bgs)

- NQ coring (3.03" diameter rods) from 0-725 feet bgs
- Total depth of borehole: 725 feet bgs
- Drilling Contractor: San Juan Drilling, Inc. from Montrose, Colorado
- Drill Rig – BLY LF 90D
- No material was left in place after drilling was completed

Rock cores were collected and sent offsite for analysis of mineral content.

Summary of Abandonment Activities

The following abandonment design criteria was requested by the USFS prior to any abandonment activities:

- Drill holes shall be plugged with cement or bentonite grout placed from the bottom of the drill hole to a depth of two feet below ground surface. Plugging of all drill holes shall be consistent with Section 5.4 of the Mineral Rules and Regulation (Colorado Mined Land Reclamation Board 2019). This method will ensure compliance with Colorado Mined Land Reclamation Act 34-32-113(5.5), and the Federal regulation at 36 CFR 228.8(b), (g), and 9H), and the ASTM International Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environment Activities (ASTM D5299-99). A stamped plate indicating the hole number correlation to the Plan of Operations must be included on the abandoned well.

On August 10th, 2022, personnel from WSP was onsite to observe San Juan Drilling personnel during abandonment of Borehole WP-9. Robert Burger of Sierta provided the borehole specifications prior to any abandonment activities.

The following steps were performed to abandon Borehole WP-9:

- Borehole volume was calculated at approximately 268 gallons
- NQ rods were removed from the borehole, and the HQ rods were used as tremie pipe to inject cement into borehole
- Plugging material was made in 300-gallon batches of Portland cement
- Each batch of cement was injected through the HQ rods
- After each batch of cement was injected down the borehole, approximately 400 feet of the HQ rods was removed
- Two and one-half batches (700 gallons) of cement were injected through the HQ rods and used to top off borehole to approximately ground surface after all the HQ pipe was removed
- A metal tag with "WP-9" was place on top of the grout seal.
- Rig was moved to a different drilling location after abandonment

Grading of the site was not performed at this time because the work was not completed and the drill rig was still onsite. Sierta anticipates that grading will be performed in the fall of 2022.

A photographic log showing before and after abandonment, and material and equipment used to abandon the borehole is included in the attachments.

Please call Richard Weber at 303-630-0762 if you have any questions.

Sincerely,

WSP USA

A handwritten signature in blue ink, appearing to read 'Richard Weber', is centered on a light pink rectangular background.

Richard Weber, CEM

Natural Resources Group Manager

Enclosures:

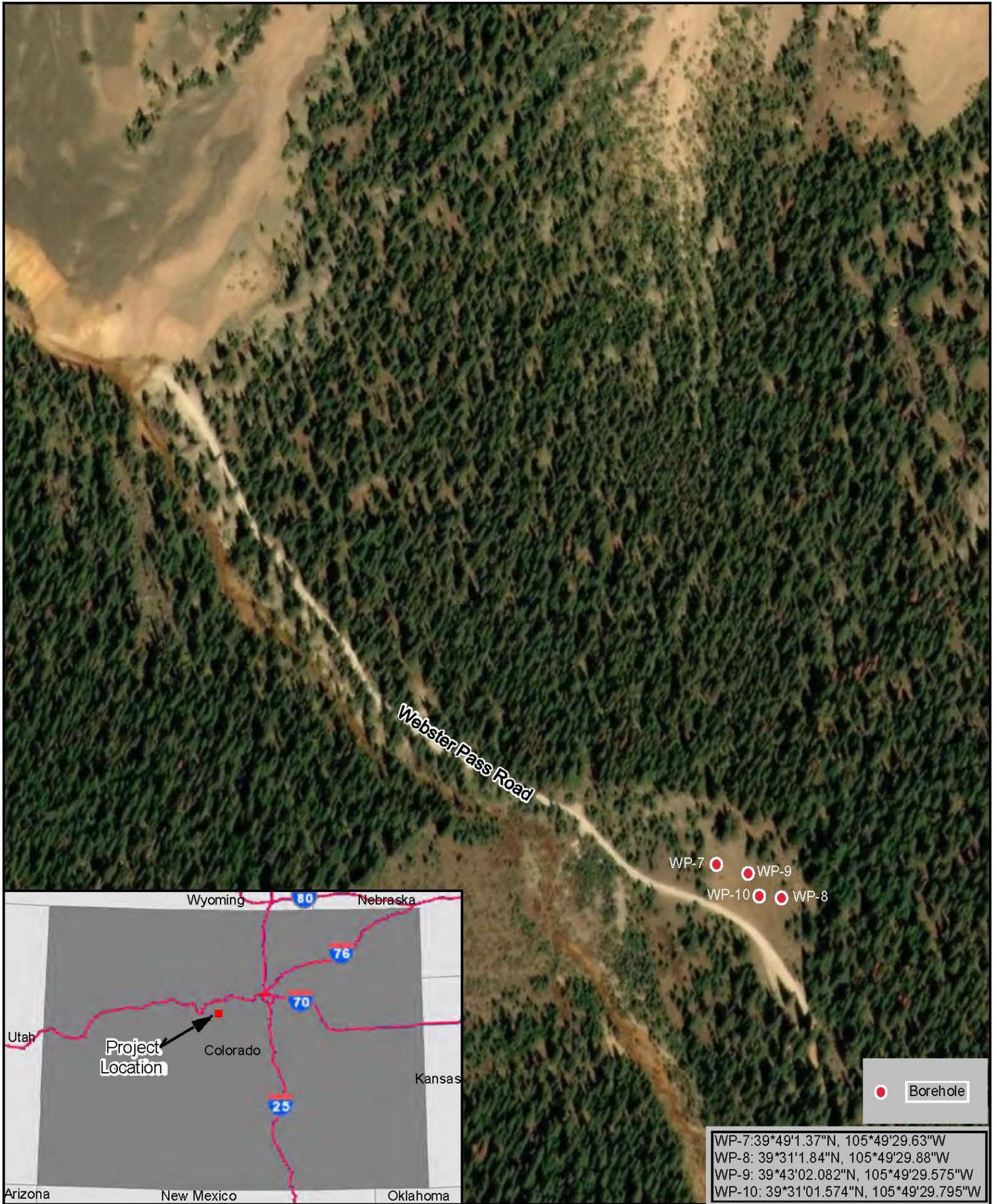
Figures

Attachment A

Attachment B

The page features two large, overlapping grey arcs. One arc is in the top-left corner, and the other is a larger arc that spans across the bottom and right side of the page.

Figures



0 100 200 Feet	
Job No.: 3270NR0010	<small>The map shown here has been created with all due and reasonable care and is strictly for use with WSP Project Number 3270NR0010. This map has not been certified by a licensed land surveyor, and any third party use of this map comes without warranty of any kind. WSP USA assumes no liability, direct or indirect, whatsoever for any such third party or unintended use.</small>
PM: RW	
Date: 10/25/22	
Scale: 1:2,000	



Redcone Project
Sierta Redcone, LLC

Borehole Locations

FIGURE
1



*Attachment A: Notice of Intent to Conduct Prospecting Operations for Hard
Rock/Metal Miles – Permit Number P2014003*

From: [Robert Burger](#)
To: ["Sharp, Maxwell"](#)
Cc: ["Weber, Richard"](#)
Subject: RE: WP-9 and WP-10 Permits
Date: Friday, October 7, 2022 8:17:26 AM
Attachments: [image001.png](#)

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Max,

They fall under the same permits as WP-07 and 08.

MD02-P2014-003 from the CO DRMS.

The following is from an email from the DRMS sent 8/19/22 in which the changes were approved without an additional modification to the permit:

Robert,

Thank you for the revised project update. It looks like you are requesting that one of the additional two boreholes, as discussed and approved in the July 31st Project Update, increase from a nominal depth of 600 feet to 1,200 feet. The Division sees no issue with this request as it still falls within the scope and bonding of MD2. No further permitting is required for this change at this time.

As a reminder, please provide the Division with Drill Hole Abandonment Reports (https://drive.google.com/file/d/14f__RjXiPlumLHecNOyj5vTgmskO7evi/view) no later than 60 days after abandonment for drill holes that has artesian flow at the surface or no later than 12 months after abandonment of any other drill holes.

Please let me know if you have any questions.

Elliott Russell
Environmental Protection Specialist
Minerals Regulatory Program



I am working remotely and can be reached at 303.903.4456

*****Please note the Division's mailing address has changed*****

P 303.866.3567 x8132 | F 303.832.8106 | C 303.903.4456
Physical: 1313 Sherman Street, Room 215, Denver, CO 80203
Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216
Elliott.Russell@state.co.us | <https://drms.colorado.gov>

On Thu, Aug 18, 2022 at 9:17 AM Robert Burger <r.burger@verizon.net> wrote:
Elliott,

Please see attached letter and maps of our revised plans for drilling at the Redcone Prospect.

Thanks and all the best,
Robert

Robert M. Burger, P.G.
412-818-5659
r.burger@verizon.net

Robert M. Burger, P.G.
Sierta Redcone, LLC
r.burger@verizon.net
412-818-5659

From: Sharp, Maxwell <maxwell.sharp@wsp.com>
Sent: Thursday, October 6, 2022 12:15 PM
To: ROBERT BURGER <r.burger@verizon.net>
Cc: Weber, Richard <richard.weber@wsp.com>
Subject: WP-9 and WP-10 Permits

Robert,

We are in the process of preparing well abandonment reports for the most recent drilling operations. Could you please provide the permits you received for wells WP-9 and WP-10? They are likely to be called the "Notice of Intent to Conduct Prospecting Operations for Hard Rock/ Metal Mines" or contain a title similar to that.

Thank you



Maxwell Sharp
Environmental Engineer I

T+ 1 303-742-5323
M+ 1 518-755-6895

WSP USA
2000 S. Colorado Blvd., Ste. 2-1000
Denver, CO 80222

wsp.com

NOTICE: This communication and any attachments ("this message") may contain information which is privileged, confidential, proprietary or otherwise subject to restricted disclosure under applicable law. This message is for the sole use of the intended recipient(s). Any unauthorized use, disclosure, viewing, copying, alteration, dissemination or distribution of, or reliance on, this message is strictly

prohibited. If you have received this message in error, or you are not an authorized or intended recipient, please notify the sender immediately by replying to this message, delete this message and all copies from your e-mail system and destroy any printed copies.

-LAEmHhHzdJzBITWfa4Hgs7pbKl

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

NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS
FOR HARD ROCK/METAL MINES**Form 1**

All confidential and public information
For **DRMS** use, and confidential filing

Form 2

Public information only
For public filing

GENERAL:

To conduct prospecting activities in the State of Colorado, a person or organization must file a Notice of Intent to conduct Prospecting Operations (NOI or Prospecting Notice) and provide a financial warranty for the prospecting operations to the Mined Land Reclamation Board (MLRB or Board). All prospecting operations must comply with the Colorado Mined Land Reclamation Act, as amended (34-32-101 et seq. C.R.S.), and the Colorado Mined Land Reclamation Board Hard Rock/Metal Mines Rules and Regulations 2 CCR 407-1 and amendments to those rules ("Rules"). This NOI form is for all minerals except coal and construction materials. The Division shall determine (where there is a question) if an operation is prospecting or mining.

The New Law:

Senate Bill (SB) 228 became law on June 2, 2008. SB 228 revised portions of C.R.S. 34-32-113 pertaining to confidentiality and filing requirements and requiring that certain aspects of Prospecting Notices will no longer be confidential.

As revised, C.R.S. 34-32-113 (3) now requires, in part, that "All information provided to the Board in a notice of intent to conduct prospecting or a modification of such a notice is a matter of public record subject to the Open Records Act, Part 2 of Article 72 of Title 24, C.R.S., including, in the case of a modification, the original notice of intent; except that information relating to the mineral deposit location, size, or nature and, as determined by the Board, other information designated by the operator as proprietary or trade secrets or that would cause substantial harm to the competitive position of the operator shall be protected as confidential information by the Board and shall not be a matter of public record in the absence of a written release from the operator or until a finding by the Board that reclamation is satisfactory. Such information designated as exempt shall remain confidential until a final determination by the Board". If the Board determines that information is not confidential, the Division shall treat it as public information thirty (30) days from the Board's written order.

C.R.S. 34-32-113 (9) now requires that the applicant provide the NOI in an electronic version in addition to the paper form and that DRMS post on the Division's website the NOI upon submittal. Specifically, this subsection states: "Upon the submittal of a notice of intent to conduct prospecting or a modification of such a notice, the person submitting such notice or modification shall give an electronic version of the notice or modification, except for that information exempted from public disclosure under subsection (3) of this section and that information designated by the person as exempt from disclosure under subsection (3) of this section, to the Board in a format determined by the Board. The Division shall post such version of the notice or modification on its web site". The new requirements of the Act apply to NOIs or modifications thereto submitted or approved on or after June 2, 2008.

The Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal and Designated Mining Operations were also revised as a result of the changes to the Act and became effective September 30, 2010.

A summary of new requirements of the rules are as follows and apply to NOI's or modifications thereto submitted or approved on or after September 30, 2010.

Rule 1.3 addresses the designation of confidential materials submitted to the Division in an NOI and the public review and appeal processes associated with the confidential designation process.

Rule 3.1.6(4) authorizes the Division to require the submission of baseline site characterization data for surface and ground water on a case by case basis.

Rule 3.1.6(5) authorizes the Division to implement environmental protection measures associated with drill pits on a case-by-case basis.

Rule 5.1.2 identifies application requirements for NOI's including new requirements to submit two (2) forms (one confidential and one non-confidential) and an electronic version of any application.

In addition, Rule 5.1.2 (m) (i) & (ii) identifies a new requirement for prospectors to notify the Local Boards of County Commissioners at the time of application submittal for an NOI and to provide certification that such notice was submitted.

Rule 5.1.3 identifies office review procedures for processing NOI's including confidential dispute timelines.

Rule 5.2 describes confidentiality as it pertains to NOI filings pre and post June 2, 2008.

DEFINITION:

"Prospecting" is defined in Rule 1.1(43) of the Hard Rock/Metal Mining Rules and Regulations as the act of searching for or investigating a mineral deposit. "'Prospecting' includes, but is not limited to, sinking shafts, tunneling, drilling core and bore holes and digging pits or cuts and other works for the purpose of extracting samples prior to the commencement of development or extraction operations, and the building of roads, access ways, and other facilities related to such work. The term does not include those activities which cause very little or no disturbance, such as airborne surveys and photographs, use of instruments or devices which

are hand-carried or otherwise transported over the surface to make magnetic, radioactive, or other tests and measurements, boundary or claim surveying, location work, or other work which causes no greater land disturbance than is caused by the ordinary, lawful use of the land by persons not prospecting. The term does not include any single activity which results in the disturbance of a single block of land totaling 1600 square feet or less of the land surface, not to exceed two such disturbances per acre; except that the cumulative total of such disturbances will not exceed five acres statewide in any prospecting operation extending over 24 consecutive months” (Rule 1.1.43).

APPLICATION FEE: \$86

NOIs and modifications require an **\$86** fee, which must accompany this notice or it cannot be processed by the Division (C.R.S. 34-32-127(2) (a) (I) (K)).

RECOMMENDATIONS PRIOR TO FILING:

The Hard Rock/Metal Mining Rules and Regulations, the Colorado Mined Land Reclamation Act 34-32-101 and the Colorado Mined Land Reclamation Board regulate the filing, operational and reclamation requirements for prospecting operations in Colorado. It is your obligation to comply with the Act and Regulations. You are encouraged to obtain and review a copy of the Rules, available from the Division or accessed on line at www.mining.state.co.us. In order to file your NOI properly, it is recommended that you review the Act and

Rule 1.1	Definitions
Rule 1.3	Public Inspection of Documents (Confidentially and dispute resolution)
Rule 3.1	Reclamation Performance Standards
Rule 3.1.6	Water-General Requirements ((4) & (5))
Rule 3.3.1	Operating without an NOI - Penalty
Rule 4	Financial Warranties
Rule 5	Prospecting Requirements

FILING REQUIREMENTS:

If you plan to conduct prospecting on any lands in Colorado, you must provide all information described in this form. To file an NOI, submit the following:

- One (1) signed and completed NOI packet including Form 1 (confidential) and Form 2 (non-confidential) with maps and attachments (original signatures must be done in blue ink) along with electronic copy;
- One (1) unbound copy of the original NOI packet, including Forms 1 & 2 with maps and attachments;
- OR One (1) signed and completed NOI Non-Confidential Form (Form 2) plus 1 (one) copy and electronic copy, if entire NOI submittal is Non-Confidential;
- Application fee (\$86); and
- Financial Warranty and applicable warranty form.
- Notice of Filing with the Board(s) of County Commissioners where prospecting will occur. (See section VIII-Signature Requirements)

New and Additional NOI Filing Requirements for Confidentiality Designations:

1. Applicants of NOIs must specifically designate each portion of the submittal that the applicant believes should be confidential. This designation must comply with the provisions of SB08-228 as discussed above and should include not only information relating to the mineral deposit location, size, or nature but also other information the applicant believes is proprietary or trade secrets or that would cause substantial harm to the competitive position of the applicant. The applicant should distinguish in the submittal between those portions of the NOI that are confidential because they relate to the mineral deposit and those portions that the applicant believes are proprietary, trade secret or harmful to its competitive position. Those portions of the submittal that are not designated as confidential will be available as public record.
2. The applicant must submit two separate forms. One form will contain all information, including both public and confidential information (with the confidential information designated as such). This complete form will be used by the DRMS for review and will be held as confidential.

The second form will contain only the information the applicant believes is public with the applicant redacting all information to be held as confidential.

3. The submittals must be provided in both paper and electronic format.
4. All public portions of the submittal will be made available on the Division website and in the Division's public files.
5. All portions of the submittal that are confidential by law, or as designated by the prospector, will remain secured from public access, *i.e.*, not on the website and not in the Division's public files. If the Board rules that some portion of the file should be public, then that portion will be made available and no longer held from public view.

Processing Requirements:

The Division will review the NOI and associated Financial Warranty information within twenty (20) working days of receipt by the Division. If the prospector has not been notified of any deficiencies of the NOI Form within twenty (20) working days of receipt, prospecting operations may commence upon approval of the financial warranty. The Prospector has 60 days from the date of filing to correct any deficiencies. For activities on BLM or USFS Lands, the twenty (20) working-day period begins on the day when the appropriate Federal Land Management agency has been notified by the Prospector (see below). Incomplete NOI forms will be terminated and returned to the person or organization, if deficiencies are not corrected within 60 days of filing (*Rule 5.1.3*).

The New Review Process Regarding Confidentiality Designations

Hard Rock Rule 5.1.3 (Office Review), Rule 5.2 (Confidentially) and Rule 1.3 (Public Inspection of Documents) will apply. These rules will guide office review of determinations regarding confidentiality designations. The Division will review the submittal for technical adequacy as stated above, including the

review of the submittal in regard to information the applicant has designated as confidential. If the Division identifies any deficiencies in the submittal including any disagreement regarding the designation of confidential materials, then the prospector will be notified by the Division in accordance with the timeframes identified within these rules, but no later than 20 working days of NOI receipt.

Any disputes concerning whether information in an NOI is confidential or public shall be resolved by following the procedures and timelines outlined in Rule 1.3.

Disputes relating to designation of confidentiality may be resolved by the Prospector removing the confidentiality designation by the Prospector or by Board determination. The DRMS will not issue an approval decision and the applicant is not authorized to commence prospecting operations until all deficiencies, including confidentiality issues, are resolved.

PROSPECTING ON FEDERAL LAND:

The Division has entered into cooperative agreements with the U.S. Bureau of Land Management (BLM) or the U.S. Forest Service (USFS) to coordinate the review of NOIs and the posting of financial warranties. The primary goal is to ensure that the agencies minimize duplication of functions and thereby minimize regulatory duplication imposed upon prospecting operations. The Division assumes the primary responsibility for the administration, review, and permitting of NOIs. The prospector is required to document that the NOI has been sent to the BLM or the USFS. Upon receipt of the NOI, the Division will notify the appropriate BLM or USFS office and forward a copy of the NOI. 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.

FINANCIAL WARRANTY:

A financial warranty must be provided and approved prior to the entry upon lands for the purpose of prospecting. The prospector can either file a “One Site Prospecting Financial Warranty” or a “Statewide Prospecting Financial Warranty.” The One Site Prospecting Financial Warranty is usually filed by individuals or small companies where prospecting activities are limited to a single area. It must be filed in the amount of \$2,000 per acre for the land to be disturbed, or such other amount as determined by the Division, based on the projected costs of reclamation, taking into account the nature, extent, and duration of the prospecting operation and the magnitude, type and estimated cost of the planned reclamation. A Statewide Financial Warranty is usually filed by larger 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.) **The financial warranty must be submitted and approved by the Division prior to entry upon lands for the purpose of prospecting.** The financial warranty will be retained by the Board until the prospector has completed reclamation of the prospecting site and has been released, in writing, of reclamation responsibility. Financial warranty forms can be downloaded from the Division’s Internet web page located at <http://mining.state.co.us>.

PLAN MODIFICATIONS:

Modifications to an existing NOI must be submitted in writing and approved in advance of such activity. Modifications shall be reviewed by the Board or Office in the same manner as new NOIs, use the same NOI forms, include confidentiality designations, and a fee for \$86. Prospectors must fill out sections of the NOI

form that will change and indicate the sections that will not change. Prospectors must designate each portion of the modified NOI they believe are to remain confidential. Please note that under SB08-228, all information provided to the Board in an NOI or a modification of an NOI is a matter of public record including, in the case of a modification, the original notice of intent, unless that information relates to the mineral deposit location, size, or nature or is designated by the Prospector as proprietary or trade secrets, or that would cause substantial harm to the competitive position of the Prospector. Accordingly, the Prospector should also designate the information in the original NOI that it believes is confidential if it has not already done so.

The Board shall determine (where there is a question) if an NOI can be modified or requires the filing of a new NOI in accordance with Rule 1.4.11. If the Division determines that the proposed modification (or new NOI) requires the posting of an additional reclamation bond amount to cover increased costs of reclamation caused by the modification (or new NOI), the NOI holder must submit, and the Division must approve, the supplemental or additional bond to cover such increased reclamation costs before the NOI holder may undertake any additional or different activities described in the modification (or new NOI). A separate prospecting notice shall be filed with the Office for each non-contiguous land survey quarter section in which a proposed prospecting activity is to occur. The requirement for separate notices may be waived by the Office for good cause (*Rule 5.1.1*).

ANNUAL REPORTS:

Effective as of December 31, 2006, Annual Reports are required for all active prospecting operations. **By the anniversary date of each year that the NOI is in effect, the prospector must file an annual reclamation report detailing the exploration and reclamation activities that occurred during that year and whether prospecting has been completed (Rule 5.6).** Annual Reports filed on or after June 2, 2008 shall be a matter of public record unless designated by the prospector as confidential pursuant to the provision of Rule 1.3. Failure to submit an Annual Report for two (2) consecutive years shall constitute evidence of abandonment of the prospecting activities. **The report must be accompanied by an annual fee in the amount of \$86.**

RECLAMATION:

Reclamation shall be completed in a timely manner and within five (5) years of completion of prospecting activities (Rule 5.1.2(g)). The time period to complete site reclamation commences on the date that prospecting has been completed, as stated in the Annual Report. New or significantly upgraded roads, structures, or other features on private lands that are planned to be retained following prospecting may be identified in the NOI submittal and may be excluded from the financial warranty amount at the discretion of the office. The prospector must submit a notarized letter from the landowner requesting that the roads, structures or other features remain on site and demonstrate that it meets the applicable County zoning and code requirements.

RELEASE OF FINANCIAL WARRANTY AND TERMINATION OF THE NOI:

Upon completion of any phase of reclamation, you should consult Rule 3.1 for reclamation standards and Rule 4.16 for details on how to request a reclamation responsibility release from the MLRB. Following the completion of reclamation, the prospector may request a release of the reclamation responsibility sent by certified mail. The Division will conduct an inspection within 30 days of receiving the request (or as soon

thereafter as weather conditions permit). If the operation is located on Public Land or State Land, the Division will coordinate the inspection with the appropriate land management agency.

COMPLIANCE WITH OTHER LAWS:

Compliance with the Act and Rules and Regulations of the Mined Land Reclamation Board does not relieve you of responsibility to comply with all other applicable local, state and federal laws. We recommend that you contact the following agencies and any others to determine whether you need to comply with their legal requirements:

The Colorado State Historical Preservation Office regarding properties of potential historical significance;

Colorado Division of Water Resources regarding water rights;

Colorado Department of Public Health and the Environment, Water Quality Control Division, regarding the potential to discharge pollutants into the State waters;

Colorado Department of Public Health and the Environment, Air Pollution Control Division, with regard to the potential need for a fugitive dust permit;

U.S. Bureau of Land Management or the U.S. Forest Service if the proposed operation is on federal lands;

U.S. Army Corps of Engineers regarding a dredge and fill (404) permit; and

The County Planning Department for the county or counties in which the proposed operation is located.

AUTHORIZED SIGNATURE:

You, or a person authorized by you, must sign the NOI. By doing so you are stating that the information provided in the NOI is true and correct as of the date specified. For individuals, the NOI must be signed by the NOI holder or the person authorized to sign on the NOI holder's behalf. For companies or partnerships, the NOI must be signed by a person acting under the company's/partnership's express or implied authority, or by an authorized agent.

SUBMIT COMPLETED NOIs TO ONE OF THE OFFICES BELOW:

Denver Office (main):
Division of Reclamation, Mining and Safety
1313 Sherman St., Rm. 215
Denver, CO 80203
Telephone: 303.866.3567
FAX: 303.832.8106

Grand Junction Field Office:
Division of Reclamation, Mining and Safety
101 South 3rd St., Ste. 301
Grand Junction, CO 81501
Telephone: 303-866-3567
FAX: 970.241.1516

Durango Field Office:
Division of Reclamation, Mining and Safety
691 CR 233, Ste A-2
Durango, CO 81301
Telephone: 303-866-3567
FAX: 970.247.5104

Office hours are Monday to Friday, 8:00 a.m. to 5:00 p.m., excluding State Holidays.

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 I

All information for DRAIS 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)

NewNOI

Modification to an Existing NOI

NOI#

P 2014-003 (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

- DATE NOI RECEIVED BY THE DIVISION:** _____ {office use only}
- PROJECT NAME:** Redcone
- | | |
|---|------------------------------------|
| PROSPECTOR: | PERSON MLRB SHOULD CONTACT: |
| Name: <u>Robert M. Burger</u> | Name: <u>Same as Prospector</u> |
| Title: <u>President</u> | Title: _____ |
| Company Name: <u>Sierta, LLC</u> | Company Name: _____ |
| Street: <u>1885 Redcoach Rd.</u> | Street: _____ |
| P.O. Box: _____ | P.O. Box: _____ |
| City: <u>Allison Park</u> | City: _____ |
| State: <u>PA</u> | State: _____ |
| Zip Code: <u>15101</u> | Zip Code: _____ |
| Telephone Number: <u>(412) 818-5659</u> | Telephone Number: _____ |
| Fax Number: _____ | Fax Number: _____ |
- APPLICATION FEE: \$86.** (NOIs and modifications require an \$86 fee which must accompany this notice or it cannot be processed by the Division).
- LOCATION INFORMATION:**
County: Park
PRINCIPAL MERIDIAN (check one) 6th (Colorado) 10th (New Mexico) (Ute)
SECTION (write number): S _____

TOWNSHIP (write number and check direction) T 6 North South
 RANGE (write number and check direction) R 75 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):
Montezuma is approximately 5 miles NW of proposed work site, and the elevation is ~11,050 feet

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: _____
See attached Pike National Forest proposed work for map and location.

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: Robert M. Burger
 Address: 1885 Redcoach Rd
Allison Park, PA 15101
r.burger@verizon.net
 Telephone: 412-818-5659
 Fax Number: _____

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>Red Cone Mill Site</u>	<u>284550</u>	<u>Red Cone Mill Site Sec. 1 T6S R76W</u>
<u>Red Cone (1-11, 13-19, 21,27)</u>	<u>284530-284549</u>	<u>Red Cone Sec. 12 & 13 T6S R76W</u>
		<u>Red Cone Sec. 7 & 18 T6S R75W</u>
<u>RC (22 - 26, 28 - 32)</u>	<u>290658-290667</u>	<u>Sec 18 & 19 T6S R75W</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:

South Park Ranger District

P.O. Box 219, 320 Hwy 285

Fairplay, CO 80440

Phone (719) 836-2031

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:** Source(s) of metal contamination of water in Handcart Gulch

2. **Estimated dates of commencement and completion:**

Commencement: 07/15/2019,

Completion: 10/30/2019,

about 12.75 cubic yards

3. **Amount of material to be extracted, moved or proposed to be moved:** _____

4. **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"/> Declines
<input type="checkbox"/> shafts	<input type="checkbox"/> Tunnels	<input type="checkbox"/> Adits	
<input type="checkbox"/> Air Drilling	<input checked="" 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...

Two level drilling pads estimated to be 25 by 35 ft each will be constructed. Short access roads estimated to be 25 ft long by 10 wide will be constructed to each pad. Back to back sumps measuring 10 x 10 x 8 ft will be excavated on each drill pad.

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 2.00 Average Width 25.00 (ft) Average Length 35.00 (ft)
- B. Drill Holes: Quantity 2.00 Depth 3,000.00 (ft) Diameter 3.00 (in)
- C. Mud Pits: Quantity 2.00 Average Width 10.00 (ft) Average Length 10.00 (ft)
Average Depth 8.00 (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:

Back to back sumps will be excavated at each drill pad. Dimensions approximately 10 ft x 10 ft x 8 ft deep.

D. Other Disturbances (please describe):

Do not anticipate any other. Our plan is to work from the drill pads adjacent to FSR 121 (Webster Pass Road).

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

Not anticipating storage of fuels onsite, beyond the OEM equipment & vehicles diesel fuel tanks

F. New Road(s): Length 50.00 (ft) Width 10.00 (ft)
Significantly Upgraded Road(s) Length _____ (ft) Width _____ (ft)

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

At each drill site, a hose will be placed in a 10' drill pipe which will be placed in a shallow trench across FSR121 and buried. The pipe will be removed upon completion at each drill location and the trench will be refilled to grade.

G. Total project area to be disturbed 0.50 (acres)

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

Track-mounted wireline core drill. Drill pipe possibly on separate trailer. Backhoe for pad construction and reclamation. Drilling to be served by 4-wheel drive crew type pickup trucks, and crews will be housed and fed off Forest Service lands.

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

Topsoil, if present, will be stockpiled adjacent to the drill pads for replacement upon site restoration. Drill core will be transported and stored permanently off site.

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

Handcart Gulch is located approximately 75 ft west of the northern drill pad (pad 5) and approximately 200 ft west of the southern drill pad (pad 6). Groundwater (perched aquifer) expected to be encountered at base of overburden between 25 and 50 ft below ground surface (bgs). Rock below is crystalline. Some fracture permeability is possible.

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.

Pad 5 is on colluvial material adjacent to a "rock glacier".

Pad 6 is also on colluvial material on a grassy area adjacent to FSR 121 devoid of trees.

We plan to follow the forest service recommendations.

- 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, if present, is very thin and poorly developed in the area (0 - 6"). If present, it will be moved aside and stockpiled adjacent to the pad. Upon reclamation, it will be redistributed as recommended by the Forest Service.

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

On the way out of boring, drill rods will be displaced with 20% high-solids bentonite grout to 20 ft below ground surface (bgs). A cement cap will be emplaced from 20 ft to 1 ft bgs. Natural fill will be placed from 1 ft bgs to the ground surface.

- 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.

Drill sites: Sites will be re-graded to their original contours and re-vegetated as recommended by the Forest Service.

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

The roads will be re-graded to their natural contours and revegetated as recommended by the Forest Service.

- 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.**

An 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 you initials on the line provided:

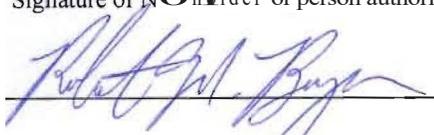
- RMB I hereby verify that the foregoing information is true and accurate and commit to the reclamation of the aforementioned prospecting site as required by the Colorado Mined Reclamation Act and the rules as specified in the Hard Rock/Metal Mining Rules and Regulations and this NOI form.
- RMB I have enclosed the required permit fee.
- RMB 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.
- RMB 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.
- RMB 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.
- RMB 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. 34-32-10 I.
- RMB 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 30 day of April, 2011

Signature of NOI holder or person authorized to sign:


Name (typed or print) Robert M. Burger

Title/Position: President, Sierta Redcone, LLC

Robert M. Burger

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)
NewNOI
 Modification to an Existing NOI
NOI# P-2014-003 {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:** Redcone

8. **PROSPECTOR:**

Name: Robert M. Burger
Title: President
Company Name: Sierta, LLC
Street: 1885 Redcoach Rd.
P.O. Box: _____
City: Allison Park
State: PA
Zip Code: 15101
Telephone Number: (412) 818-5659
Fax Number: _____

PERSON MLRB SHOULD CONTACT:

Name: Same as Prospector
Title: _____
Company Name: _____
Street: _____
P.O. Box: _____
City: _____
State: _____
Zip Code: _____
Telephone Number: _____
Fax Number: _____

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: Park

PRINCIPAL MERIDIAN {check one} 6th (Colorado) 10th (New Mexico) (Ute)

SECTION (write number): S 18

TOWNSHIP (write number and check direction) T _____ North South

RANGE (write number and check direction) R 75 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):
Montezuma is approximately 5 miles NW of proposed work site, and the elevation is ~11,050 feet

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: _____
See attached Pike National Forest proposed work for map and location.

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: Robert M. Burger

Address: 1885 Redcoach Rd
Allison Park, PA 15101
r.burger@verizon.net

Telephone: 412-818-5659

Fax Number: _____

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>Red Cone Mill Site</u>	<u>284550</u>	<u>Red Cone Mill Site Sec. 1 T6S R76W</u>
<u>Red Cone (1-11, 13-19, 21,27)</u>	<u>284530-284549</u>	<u>Red Cone Sec. 12 & 13 T6S R76W</u>
		<u>Red Cone Sec. 7 & 18 T6S R75W</u>
<u>RC (22 - 26, 28 - 32)</u>	<u>290658-290667</u>	<u>Sec 18 & 19 T6S R75W</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:

South Park Ranger District
P.O. Box 219, 320 Hwy 285
Fairplay, CO 80440
Phone (719) 836-2031

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:** Source(s) of metal contamination of water in Handcart Gulch

8. **Estimated dates of commencement and completion:**

Commencement: 07/15/2019,

Completion: 10/30/2019,

about 12.75 cubic yards

9. **Amount of material to be extracted, moved or proposed to be moved:** _____

10. **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"/> Declines |
| <input type="checkbox"/> Shafts | <input type="checkbox"/> Tunnels | <input type="checkbox"/> Adits | |
| <input type="checkbox"/> Air Drilling | <input checked="" 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...

Two level drilling pads estimated to be 25 by 35 ft each will be constructed. Short access roads estimated to be 25 ft long by 10 wide will be constructed to each pad. Back to back sumps measuring 10 x 10 x 8 ft will be excavated on each drill pad.

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 2.00 Average Width 25.00 (ft) Average Length 35.00 (ft)
- B. Drill Holes: Quantity 2.00 Depth 3,000.00 (ft) Diameter 3.00 (in)
- C. Mud Pits: Quantity 2.00 Average Width 10.00 (ft) Average Length 10.00 (ft)
Average Depth 8.00 (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:

Back to back sumps will be excavated at each drill pad. Dimensions approximately 10 ft x 10 ft x 8 ft deep.

F. Other Disturbances (please describe):

Do not anticipate any other. Our plan is to work from the drill pads adjacent to FSR 121 (Webster Pass Road).

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

Not anticipating storage of fuels onsite, beyond the OEM equipment & vehicles diesel fuel tanks

F. New Road(s): Length 50.00 (ft) Width 10.00 (ft)
Significantly Upgraded Road(s) Length _____ (ft) Width _____ (ft)

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

At each drill site, a hose will be placed in a 10' drill pipe which will be placed in a shallow trench across FSR121 and buried. The pipe will be removed upon completion at each drill location and the trench will be refilled to grade.

G. Total project area to be disturbed 0.50 (acres)

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

Track-mounted wireline core drill. Drill pipe possibly on separate trailer. Backhoe for pad
contruction and reclamation. Drilling to be served by 4-wheel drive crew type pickup
trucks, and crews will be housed and fed off Forest Service lands.

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

Topsoil, if present, will be stockpiled adjacent to the drill pads for replacement upon site
restoration. Drill core will be transported and stored permanently off site.

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

Handcart Gulch is located approximately 75 ft west of the northern drill pad (pad 5) and
approximately 200 ft west of the southern drill pad (pad 6). Groundwater (perched aquifer)
expected to be encountered at base of overburden between 25 and 50 ft below ground
surface (bgs). Rock below is crystalline. Some fracture permeability is possible.

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.

Pad 5 is on colluvial material adjacent to a "rock glacier".

Pad 6 is also on colluvial material on a grassy area adjacent to FSR 121 devoid of trees.

We plan to follow the forest service recommendations.

- 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:

Topsoil, if present, is very thin and poorly developed in the area (0 - 6"). If present, it will be moved aside and stockpiled adjacent to the pad. Upon reclamation, it will be redistributed as recommended by the Forest Service.

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

On the way out of boring, drill rods will be displaced with 20% high-solids bentonite grout to 20 ft below ground surface (bgs). A cement cap will be emplaced from 20 ft to 1 ft bgs. Natural fill will be placed from 1 ft bgs to the ground surface.

- 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.

Drill sites: Sites will be re-graded to their original contours and re-vegetated as recommended by the Forest Service.

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

The roads will be re-graded to their natural contours and revegetated as recommended by the Forest Service.

- 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

4. The prospector will supply a copy of this NOI to the appropriate BLM and/or USFS office.
5. The prospector authorizes the MLRB to discuss the information in this Notice of Intent with the BLM and/or USFS.
6. 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.**

An 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 you initials on the line provided:

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.

RMB

I have enclosed the required permit fee.

RMB

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.

RMB

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.

RMB

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.

RMB

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.

RMB

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 20th day of May, 2019

Signature of NOi holder or person authorized to sign:



Robert M. Burger

Name (typed or print) -----

Title/Position: President Sierta Redcone, LLC

Robert M. Burger



Attachment B: Photographic Log

PHOTOGRAPH LOG

Redcone WP-9 Borehole Abandonment



Project: 3270NR0010

Date of activities: August 1 through 10, 2022



1. Drill Site for borehole WP-9



2. WP-9 borehole location with drill rig

PHOTOGRAPH LOG



Redcone WP-9 Borehole Abandonment

Project: 3270NR0010

Date of activities: August 1 through 10, 2022



3. Cement plugging material used to abandon WP-9 Borehole



4. Cement mixing tank



WSP USA
2000 S. Colorado Blvd., Ste. 2-1000
Denver, CO 80222
T: 303-935-6505
www.wsp.com

October 27, 2022

Mr. Robert Burger
Sierta Redcone, LLC
1885 Red Coach Road
Allison Park, Pennsylvania 15101

Subject: WP-10 Borehole Abandonment Report
Redcone Exploration Project
Webster Pass
Summit County, Colorado
Project Number 3270NR0010

Dear Mr. Burger:

WSP USA Environment & Infrastructure Inc. (WSP), formerly Wood Environment & Infrastructure Solutions, is pleased to present this borehole abandonment report to Sierta Redcone, LLC (Sierta). This report summarizes the WP-10 borehole abandonment activities conducted on August 30th, 2022, on Webster Pass, Summit County, Colorado (Site). This report was prepared in accordance with the Redcone 2019 Revised Plan of Operations for Mining Activities on National Forest System Lands signed on July 9, 2019. Wells have been abandoned per USFS requirements including Colorado Mined Land Reclamation Act 34-32-113(5.5) and ASTM International (ASTM) Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environment Activities (ASTM D5299-18).

Background

The Redcone Exploration Project is located in Summit County, Colorado within the boundaries of the United States Forest Service (USFS) Pike and San Isabel National Forest. The project area is approximately five miles south of the town of Montezuma, Colorado along Handcart Gulch Road on Webster Pass. The location of Borehole WP-10 is shown on Figure 1. The proposed 2022 exploration program consists of coring four boreholes using NQ directional wireline coring techniques for mineral exploration purposes. Authorization to conduct drilling operations were provided in the approved Notice of Intent to Conduct Prospecting Operations for Hard Rock/Metal Mines – Permit Number P2014003 (a copy is included in the attachments).

The following are the borehole specifications:

- Coring of Borehole WP-10 began on August 10, 2022, and completed on August 28, 2022
- Coordinates of Borehole WP-10 was 39°31'01.574"N, 105°49'29.795"W
- Direction of Borehole WP-10 was North 30°
- Inclination of Borehole WP-10 was 50°
- PQ coring (4.83" diameter rods) from 0-10 feet below ground surface (bgs)

- NQ coring (3.03" diameter rods) from 0-1,115 bgs
- Total depth of borehole: 1,115 feet bgs
- Drilling Contractor: San Juan Drilling, Inc. from Montrose, Colorado
- Drill Rig – BLY LF 90D
- No material was left in place after drilling was completed

Rock cores were collected and sent offsite for analysis of mineral content.

Summary of Abandonment Activities

The following abandonment design criteria was requested by the USFS prior to any abandonment activities:

- Drill holes shall be plugged with cement or bentonite grout placed from the bottom of the drill hole to a depth of two feet below ground surface. Plugging of all drill holes shall be consistent with Section 5.4 of the Mineral Rules and Regulation (Colorado Mined Land Reclamation Board 2019). This method will ensure compliance with Colorado Mined Land Reclamation Act 34-32-113(5.5), and the Federal regulation at 36 CFR 228.8(b), (g), and 9H), and the ASTM International Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environment Activities (ASTM D5299-99). A stamped plate indicating the hole number correlation to the Plan of Operations must be included on the abandoned well.

On August 30th, 2022, personnel from WSP was onsite to observe San Juan Drilling personnel during abandonment of Borehole WP-10. Robert Burger of Sierta provided the borehole specifications prior to any abandonment activities.

The following steps were performed to abandon Borehole WP-10:

- Borehole volume was calculated at approximately 412 gallons
- NQ rods were removed from the borehole, and the HQ rods were used as tremie pipe to inject cement into borehole
- Plugging material was made in 300-gallon batches of Portland cement
- Each batch of cement was injected through the NQ rods
- After each batch of cement was injected down the borehole, approximately 400 feet of the HQ rods was removed
- Two and two-third batches (800 gallons) of cement was injected through the HQ rods and used to top off borehole to approximately ground surface after all the HQ pipe was removed
- A metal tag with "WP-10" was place on top of the grout seal.
- Rig was moved offsite after abandonment

Sierta anticipates that grading will be performed in the fall of 2022.

A photographic log showing before and after abandonment, and material and equipment used to abandon the borehole is included in the attachments.

Please call Richard Weber at 303-630-0762 if you have any questions.

Sincerely,

WSP USA

A handwritten signature in blue ink, appearing to read 'Richard Weber', is centered on a light pink rectangular background.

Richard Weber, CEM

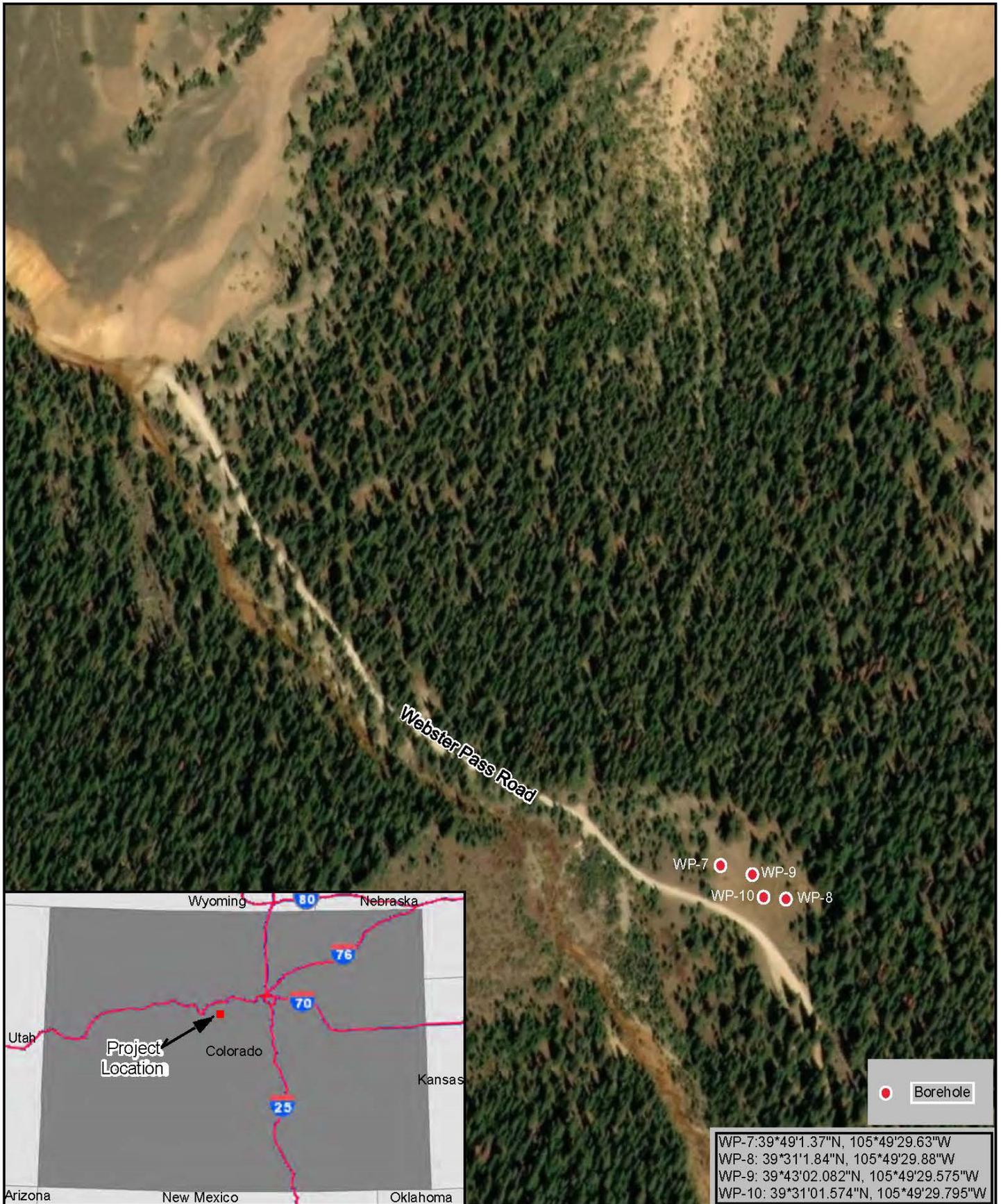
Natural Resources Group Manager

Enclosures:

Figures

Attachment A

Attachment B



			Redcone Project Sierta Redcone, LLC	FIGURE 1
Job No.: 3270NR0010 PM: RW Date: 10/25/22 Scale: 1:2,000	<small>The map shown here has been created with all due and reasonable care and is strictly for use with WSP Project Number 3270NR0010. This map has not been certified by a licensed land surveyor, and any third party use of this map comes without warranties of any kind. WSP USA assumes no liability, direct or indirect, whatsoever for any such third party or unintended use.</small>		Borehole Locations	



*Attachment A: Notice of Intent to Conduct Prospecting Operations for Hard
Rock/Metal Miles – Permit Number P2014003*

From: [Robert Burger](#)
To: ["Sharp, Maxwell"](#)
Cc: ["Weber, Richard"](#)
Subject: RE: WP-9 and WP-10 Permits
Date: Friday, October 7, 2022 8:17:26 AM
Attachments: [image001.png](#)

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Max,

They fall under the same permits as WP-07 and 08.

MD02-P2014-003 from the CO DRMS.

The following is from an email from the DRMS sent 8/19/22 in which the changes were approved without an additional modification to the permit:

Robert,

Thank you for the revised project update. It looks like you are requesting that one of the additional two boreholes, as discussed and approved in the July 31st Project Update, increase from a nominal depth of 600 feet to 1,200 feet. The Division sees no issue with this request as it still falls within the scope and bonding of MD2. No further permitting is required for this change at this time.

As a reminder, please provide the Division with Drill Hole Abandonment Reports (https://drive.google.com/file/d/14f__RjXiPlumLHecNOyj5vTgmskO7evi/view) no later than 60 days after abandonment for drill holes that has artesian flow at the surface or no later than 12 months after abandonment of any other drill holes.

Please let me know if you have any questions.

Elliott Russell
Environmental Protection Specialist
Minerals Regulatory Program



I am working remotely and can be reached at 303.903.4456

*****Please note the Division's mailing address has changed*****

P 303.866.3567 x8132 | F 303.832.8106 | C 303.903.4456
Physical: 1313 Sherman Street, Room 215, Denver, CO 80203
Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216
Elliott.Russell@state.co.us | <https://drms.colorado.gov>

On Thu, Aug 18, 2022 at 9:17 AM Robert Burger <r.burger@verizon.net> wrote:
Elliott,

Please see attached letter and maps of our revised plans for drilling at the Redcone Prospect.

Thanks and all the best,
Robert

Robert M. Burger, P.G.
412-818-5659
r.burger@verizon.net

Robert M. Burger, P.G.
Sierta Redcone, LLC
r.burger@verizon.net
412-818-5659

From: Sharp, Maxwell <maxwell.sharp@wsp.com>
Sent: Thursday, October 6, 2022 12:15 PM
To: ROBERT BURGER <r.burger@verizon.net>
Cc: Weber, Richard <richard.weber@wsp.com>
Subject: WP-9 and WP-10 Permits

Robert,

We are in the process of preparing well abandonment reports for the most recent drilling operations. Could you please provide the permits you received for wells WP-9 and WP-10? They are likely to be called the "Notice of Intent to Conduct Prospecting Operations for Hard Rock/ Metal Mines" or contain a title similar to that.

Thank you



Maxwell Sharp
Environmental Engineer I

T+ 1 303-742-5323
M+ 1 518-755-6895

WSP USA
2000 S. Colorado Blvd., Ste. 2-1000
Denver, CO 80222

wsp.com

prohibited. If you have received this message in error, or you are not an authorized or intended recipient, please notify the sender immediately by replying to this message, delete this message and all copies from your e-mail system and destroy any printed copies.

-LAEmHhHzdJzBITWfa4Hgs7pbKI

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

**NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS**
FOR HARD ROCK/METAL MINES**Form 1**

All confidential and public information
For **DRMS** use, and confidential filing

Form 2

Public information only
For public filing

GENERAL:

To conduct prospecting activities in the State of Colorado, a person or organization must file a Notice of Intent to conduct Prospecting Operations (NOI or Prospecting Notice) and provide a financial warranty for the prospecting operations to the Mined Land Reclamation Board (MLRB or Board). All prospecting operations must comply with the Colorado Mined Land Reclamation Act, as amended (34-32-101 et seq. C.R.S.), and the Colorado Mined Land Reclamation Board Hard Rock/Metal Mines Rules and Regulations 2 CCR 407-1 and amendments to those rules ("Rules"). This NOI form is for all minerals except coal and construction materials. The Division shall determine (where there is a question) if an operation is prospecting or mining.

The New Law:

Senate Bill (SB) 228 became law on June 2, 2008. SB 228 revised portions of C.R.S. 34-32-113 pertaining to confidentiality and filing requirements and requiring that certain aspects of Prospecting Notices will no longer be confidential.

As revised, C.R.S. 34-32-113 (3) now requires, in part, that "All information provided to the Board in a notice of intent to conduct prospecting or a modification of such a notice is a matter of public record subject to the Open Records Act, Part 2 of Article 72 of Title 24, C.R.S., including, in the case of a modification, the original notice of intent; except that information relating to the mineral deposit location, size, or nature and, as determined by the Board, other information designated by the operator as proprietary or trade secrets or that would cause substantial harm to the competitive position of the operator shall be protected as confidential information by the Board and shall not be a matter of public record in the absence of a written release from the operator or until a finding by the Board that reclamation is satisfactory. Such information designated as exempt shall remain confidential until a final determination by the Board". If the Board determines that information is not confidential, the Division shall treat it as public information thirty (30) days from the Board's written order.

C.R.S. 34-32-113 (9) now requires that the applicant provide the NOI in an electronic version in addition to the paper form and that DRMS post on the Division's website the NOI upon submittal. Specifically, this subsection states: "Upon the submittal of a notice of intent to conduct prospecting or a modification of such a notice, the person submitting such notice or modification shall give an electronic version of the notice or modification, except for that information exempted from public disclosure under subsection (3) of this section and that information designated by the person as exempt from disclosure under subsection (3) of this section, to the Board in a format determined by the Board. The Division shall post such version of the notice or modification on its web site". The new requirements of the Act apply to NOIs or modifications thereto submitted or approved on or after June 2, 2008.

The Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal and Designated Mining Operations were also revised as a result of the changes to the Act and became effective September 30, 2010.

A summary of new requirements of the rules are as follows and apply to NOI's or modifications thereto submitted or approved on or after September 30, 2010.

Rule 1.3 addresses the designation of confidential materials submitted to the Division in an NOI and the public review and appeal processes associated with the confidential designation process.

Rule 3.1.6(4) authorizes the Division to require the submission of baseline site characterization data for surface and ground water on a case by case basis.

Rule 3.1.6(5) authorizes the Division to implement environmental protection measures associated with drill pits on a case-by-case basis.

Rule 5.1.2 identifies application requirements for NOI's including new requirements to submit two (2) forms (one confidential and one non-confidential) and an electronic version of any application.

In addition, Rule 5.1.2 (m) (i) & (ii) identifies a new requirement for prospectors to notify the Local Boards of County Commissioners at the time of application submittal for an NOI and to provide certification that such notice was submitted.

Rule 5.1.3 identifies office review procedures for processing NOI's including confidential dispute timelines.

Rule 5.2 describes confidentially as it pertains to NOI filings pre and post June 2, 2008.

DEFINITION:

"Prospecting" is defined in Rule 1.1(43) of the Hard Rock/Metal Mining Rules and Regulations as the act of searching for or investigating a mineral deposit. "'Prospecting' includes, but is not limited to, sinking shafts, tunneling, drilling core and bore holes and digging pits or cuts and other works for the purpose of extracting samples prior to the commencement of development or extraction operations, and the building of roads, access ways, and other facilities related to such work. The term does not include those activities which cause very little or no disturbance, such as airborne surveys and photographs, use of instruments or devices which

are hand-carried or otherwise transported over the surface to make magnetic, radioactive, or other tests and measurements, boundary or claim surveying, location work, or other work which causes no greater land disturbance than is caused by the ordinary, lawful use of the land by persons not prospecting. The term does not include any single activity which results in the disturbance of a single block of land totaling 1600 square feet or less of the land surface, not to exceed two such disturbances per acre; except that the cumulative total of such disturbances will not exceed five acres statewide in any prospecting operation extending over 24 consecutive months” (Rule 1.1.43).

APPLICATION FEE: \$86

NOIs and modifications require an **\$86** fee, which must accompany this notice or it cannot be processed by the Division (C.R.S. 34-32-127(2) (a) (I) (K)).

RECOMMENDATIONS PRIOR TO FILING:

The Hard Rock/Metal Mining Rules and Regulations, the Colorado Mined Land Reclamation Act 34-32-101 and the Colorado Mined Land Reclamation Board regulate the filing, operational and reclamation requirements for prospecting operations in Colorado. It is your obligation to comply with the Act and Regulations. You are encouraged to obtain and review a copy of the Rules, available from the Division or accessed on line at www.mining.state.co.us. In order to file your NOI properly, it is recommended that you review the Act and

Rule 1.1	Definitions
Rule 1.3	Public Inspection of Documents (Confidentially and dispute resolution)
Rule 3.1	Reclamation Performance Standards
Rule 3.1.6	Water-General Requirements ((4) & (5))
Rule 3.3.1	Operating without an NOI - Penalty
Rule 4	Financial Warranties
Rule 5	Prospecting Requirements

FILING REQUIREMENTS:

If you plan to conduct prospecting on any lands in Colorado, you must provide all information described in this form. To file an NOI, submit the following:

- One (1) signed and completed NOI packet including Form 1 (confidential) and Form 2 (non-confidential) with maps and attachments (original signatures must be done in blue ink) along with electronic copy;
- One (1) unbound copy of the original NOI packet, including Forms 1 & 2 with maps and attachments;
- OR One (1) signed and completed NOI Non-Confidential Form (Form 2) plus 1 (one) copy and electronic copy, if entire NOI submittal is Non-Confidential;
- Application fee (\$86); and
- Financial Warranty and applicable warranty form.
- Notice of Filing with the Board(s) of County Commissioners where prospecting will occur. (See section VIII-Signature Requirements)

New and Additional NOI Filing Requirements for Confidentiality Designations:

1. Applicants of NOIs must specifically designate each portion of the submittal that the applicant believes should be confidential. This designation must comply with the provisions of SB08-228 as discussed above and should include not only information relating to the mineral deposit location, size, or nature but also other information the applicant believes is proprietary or trade secrets or that would cause substantial harm to the competitive position of the applicant. The applicant should distinguish in the submittal between those portions of the NOI that are confidential because they relate to the mineral deposit and those portions that the applicant believes are proprietary, trade secret or harmful to its competitive position. Those portions of the submittal that are not designated as confidential will be available as public record.
2. The applicant must submit two separate forms. One form will contain all information, including both public and confidential information (with the confidential information designated as such). This complete form will be used by the DRMS for review and will be held as confidential.

The second form will contain only the information the applicant believes is public with the applicant redacting all information to be held as confidential.

3. The submittals must be provided in both paper and electronic format.
4. All public portions of the submittal will be made available on the Division website and in the Division's public files.
5. All portions of the submittal that are confidential by law, or as designated by the prospector, will remain secured from public access, *i.e.*, not on the website and not in the Division's public files. If the Board rules that some portion of the file should be public, then that portion will be made available and no longer held from public view.

Processing Requirements:

The Division will review the NOI and associated Financial Warranty information within twenty (20) working days of receipt by the Division. If the prospector has not been notified of any deficiencies of the NOI Form within twenty (20) working days of receipt, prospecting operations may commence upon approval of the financial warranty. The Prospector has 60 days from the date of filing to correct any deficiencies. For activities on BLM or USFS Lands, the twenty (20) working-day period begins on the day when the appropriate Federal Land Management agency has been notified by the Prospector (see below). Incomplete NOI forms will be terminated and returned to the person or organization, if deficiencies are not corrected within 60 days of filing (*Rule 5.1.3*).

The New Review Process Regarding Confidentiality Designations

Hard Rock Rule 5.1.3 (Office Review), Rule 5.2 (Confidentially) and Rule 1.3 (Public Inspection of Documents) will apply. These rules will guide office review of determinations regarding confidentiality designations. The Division will review the submittal for technical adequacy as stated above, including the

review of the submittal in regard to information the applicant has designated as confidential. If the Division identifies any deficiencies in the submittal including any disagreement regarding the designation of confidential materials, then the prospector will be notified by the Division in accordance with the timeframes identified within these rules, but no later than 20 working days of NOI receipt.

Any disputes concerning whether information in an NOI is confidential or public shall be resolved by following the procedures and timelines outlined in Rule 1.3.

Disputes relating to designation of confidentiality may be resolved by the Prospector removing the confidentiality designation by the Prospector or by Board determination. The DRMS will not issue an approval decision and the applicant is not authorized to commence prospecting operations until all deficiencies, including confidentiality issues, are resolved.

PROSPECTING ON FEDERAL LAND:

The Division has entered into cooperative agreements with the U.S. Bureau of Land Management (BLM) or the U.S. Forest Service (USFS) to coordinate the review of NOIs and the posting of financial warranties. The primary goal is to ensure that the agencies minimize duplication of functions and thereby minimize regulatory duplication imposed upon prospecting operations. The Division assumes the primary responsibility for the administration, review, and permitting of NOIs. The prospector is required to document that the NOI has been sent to the BLM or the USFS. Upon receipt of the NOI, the Division will notify the appropriate BLM or USFS office and forward a copy of the NOI. 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.

FINANCIAL WARRANTY:

A financial warranty must be provided and approved prior to the entry upon lands for the purpose of prospecting. The prospector can either file a “One Site Prospecting Financial Warranty” or a “Statewide Prospecting Financial Warranty.” The One Site Prospecting Financial Warranty is usually filed by individuals or small companies where prospecting activities are limited to a single area. It must be filed in the amount of \$2,000 per acre for the land to be disturbed, or such other amount as determined by the Division, based on the projected costs of reclamation, taking into account the nature, extent, and duration of the prospecting operation and the magnitude, type and estimated cost of the planned reclamation. A Statewide Financial Warranty is usually filed by larger 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.) **The financial warranty must be submitted and approved by the Division prior to entry upon lands for the purpose of prospecting.** The financial warranty will be retained by the Board until the prospector has completed reclamation of the prospecting site and has been released, in writing, of reclamation responsibility. Financial warranty forms can be downloaded from the Division’s Internet web page located at <http://mining.state.co.us>.

PLAN MODIFICATIONS:

Modifications to an existing NOI must be submitted in writing and approved in advance of such activity. Modifications shall be reviewed by the Board or Office in the same manner as new NOIs, use the same NOI forms, include confidentiality designations, and a fee for \$86. Prospectors must fill out sections of the NOI

form that will change and indicate the sections that will not change. Prospectors must designate each portion of the modified NOI they believe are to remain confidential. Please note that under SB08-228, all information provided to the Board in an NOI or a modification of an NOI is a matter of public record including, in the case of a modification, the original notice of intent, unless that information relates to the mineral deposit location, size, or nature or is designated by the Prospector as proprietary or trade secrets, or that would cause substantial harm to the competitive position of the Prospector. Accordingly, the Prospector should also designate the information in the original NOI that it believes is confidential if it has not already done so.

The Board shall determine (where there is a question) if an NOI can be modified or requires the filing of a new NOI in accordance with Rule 1.4.11. If the Division determines that the proposed modification (or new NOI) requires the posting of an additional reclamation bond amount to cover increased costs of reclamation caused by the modification (or new NOI), the NOI holder must submit, and the Division must approve, the supplemental or additional bond to cover such increased reclamation costs before the NOI holder may undertake any additional or different activities described in the modification (or new NOI). A separate prospecting notice shall be filed with the Office for each non-contiguous land survey quarter section in which a proposed prospecting activity is to occur. The requirement for separate notices may be waived by the Office for good cause (*Rule 5.1.1*).

ANNUAL REPORTS:

Effective as of December 31, 2006, Annual Reports are required for all active prospecting operations. **By the anniversary date of each year that the NOI is in effect, the prospector must file an annual reclamation report detailing the exploration and reclamation activities that occurred during that year and whether prospecting has been completed (Rule 5.6).** Annual Reports filed on or after June 2, 2008 shall be a matter of public record unless designated by the prospector as confidential pursuant to the provision of Rule 1.3. Failure to submit an Annual Report for two (2) consecutive years shall constitute evidence of abandonment of the prospecting activities. **The report must be accompanied by an annual fee in the amount of \$86.**

RECLAMATION:

Reclamation shall be completed in a timely manner and within five (5) years of completion of prospecting activities (Rule 5.1.2(g)). The time period to complete site reclamation commences on the date that prospecting has been completed, as stated in the Annual Report. New or significantly upgraded roads, structures, or other features on private lands that are planned to be retained following prospecting may be identified in the NOI submittal and may be excluded from the financial warranty amount at the discretion of the office. The prospector must submit a notarized letter from the landowner requesting that the roads, structures or other features remain on site and demonstrate that it meets the applicable County zoning and code requirements.

RELEASE OF FINANCIAL WARRANTY AND TERMINATION OF THE NOI:

Upon completion of any phase of reclamation, you should consult Rule 3.1 for reclamation standards and Rule 4.16 for details on how to request a reclamation responsibility release from the MLRB. Following the completion of reclamation, the prospector may request a release of the reclamation responsibility sent by certified mail. The Division will conduct an inspection within 30 days of receiving the request (or as soon

thereafter as weather conditions permit). If the operation is located on Public Land or State Land, the Division will coordinate the inspection with the appropriate land management agency.

COMPLIANCE WITH OTHER LAWS:

Compliance with the Act and Rules and Regulations of the Mined Land Reclamation Board does not relieve you of responsibility to comply with all other applicable local, state and federal laws. We recommend that you contact the following agencies and any others to determine whether you need to comply with their legal requirements:

The Colorado State Historical Preservation Office regarding properties of potential historical significance;

Colorado Division of Water Resources regarding water rights;

Colorado Department of Public Health and the Environment, Water Quality Control Division, regarding the potential to discharge pollutants into the State waters;

Colorado Department of Public Health and the Environment, Air Pollution Control Division, with regard to the potential need for a fugitive dust permit;

U.S. Bureau of Land Management or the U.S. Forest Service if the proposed operation is on federal lands;

U.S. Army Corps of Engineers regarding a dredge and fill (404) permit; and

The County Planning Department for the county or counties in which the proposed operation is located.

AUTHORIZED SIGNATURE:

You, or a person authorized by you, must sign the NOI. By doing so you are stating that the information provided in the NOI is true and correct as of the date specified. For individuals, the NOI must be signed by the NOI holder or the person authorized to sign on the NOI holder's behalf. For companies or partnerships, the NOI must be signed by a person acting under the company's/partnership's express or implied authority, or by an authorized agent.

SUBMIT COMPLETED NOIs TO ONE OF THE OFFICES BELOW:

Denver Office (main):
Division of Reclamation, Mining and Safety
1313 Sherman St., Rm. 215

Denver, CO 80203
Telephone: 303.866.3567
FAX: 303.832.8106

Grand Junction Field Office:
Division of Reclamation, Mining and Safety
101 South 3rd St., Ste. 301

Grand Junction, CO 81501
Telephone: 303-866-3567
FAX: 970.241.1516

Durango Field Office:
Division of Reclamation, Mining and Safety
691 CR 233, Ste A-2
Durango, CO 81301
Telephone: 303-866-3567
FAX: 970.247.5104

Office hours are Monday to Friday, 8:00 a.m. to 5:00 p.m., excluding State Holidays.

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 I

All information for DRAIS use and confidential filing NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS FOR HARD ROCK/METAL MINES

CHECK ONE:

NOI#

New

There is an NOI Number Already Assigned to this Operation

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

NewNOI

Modification to an Existing NOI

E-2014-003 (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:** Redcone _____

3. **PROSPECTOR:**

Name: Robert M. Burger _____

Title: President _____

Company Name: Sierta, LLC _____

Street: 1885 Redcoach Rd. _____

P.O. Box: _____

City: Allison Park _____

State: PA _____

Zip Code: 15101 _____

Telephone Number: (412) 818-5659 _____

Fax Number: _____

PERSONS MLRB SHOULD CONTACT:

Name: Same as Prospector _____

Title: _____

Company Name: _____

Street: _____

P.O. Box: _____

City: _____

State: _____

Zip Code: _____

Telephone Number: _____

Fax Number: _____

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

2. **LOCATION INFORMATION:**

County: Park _____

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

SECTION (write number): S _____

TOWNSHIP (write number and check direction) T 6 North

RANGE (write number and check direction) R 75 E South

QUARTER SECTION (check one): NE NW East West

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):
Montezuma is approximately 5 miles NW of proposed work site, and the elevation is ~11,050 feet

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: _____
See attached Pike National Forest proposed work for map and location.

Private Public Domain (BLM) National Forest (USFS)

State State Sovereign Lands Other (please describe): _____

3. LAND OWNERSHIP

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

4. 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: Robert M. Burger

Address: 1885 Redcoach Rd
Allison Park, PA 15101
r.burger@verizon.net

Telephone: 412-818-5659

Fax Number: _____

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>Red Cone Mill Site</u>	<u>284550</u>	<u>Red Cone Mill Site Sec. 1 T6S R76W</u>
<u>Red Cone (1-11, 13-19, 21,27)</u>	<u>284530-284549</u>	<u>Red Cone Sec. 12 & 13 T6S R76W</u>
		<u>Red Cone Sec. 7 & 18 T6S R75W</u>
<u>RC (22 - 26, 28 - 32)</u>	<u>290658-290667</u>	<u>Sec 18 & 19 T6S R75W</u>

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

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

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

South Park Ranger District
P.O. Box 219, 320 Hwy 285
Fairplay, CO 80440
Phone (719) 836-2031

E. 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:

- 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
- 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

- Mineral(s) and/or Resource(s) being Investigated:** Source(s) of metal contamination of water in Handcart Gulch
- Estimated dates of commencement and completion:**
 Commencement: 07/15/2019,
 Completion: 10/30/2019, about 12.75 cubic yards
- Amount of material to be extracted, moved or proposed to be moved:** _____

4. **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"/> Declines
<input type="checkbox"/> shafts	<input type="checkbox"/> Tunnels	<input type="checkbox"/> Adits	
<input type="checkbox"/> Air Drilling	<input checked="" 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...

Two level drilling pads estimated to be 25 by 35 ft each will be constructed. Short access roads estimated to be 25 ft long by 10 wide will be constructed to each pad. Back to back sumps measuring 10 x 10 x 8 ft will be excavated on each drill pad.

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 2.00 Average Width 25.00 (ft) Average Length 35.00 (ft)
- B. Drill Holes: Quantity 2.00 Depth 3,000.00 (ft) Diameter 3.00 (in)
- C. Mud Pits: Quantity 2.00 Average Width 10.00 (ft) Average Length 10.00 (ft)

Average Depth 8.00 (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:

Back to back sumps will be excavated at each drill pad. Dimensions approximately 10 ft x 10 ft x 8 ft deep.

D. Other Disturbances (please describe):

Do not anticipate any other. Our plan is to work from the drill pads adjacent to FSR 121 (Webster Pass Road).

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

Not anticipating storage of fuels onsite, beyond the OEM equipment & vehicles diesel fuel tanks

F. New Road(s): Length 50.00 (ft) Width 10.00 (ft)

Significantly Upgraded Road(s) Length _____ (ft) Width _____ (ft)

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

At each drill site, a hose will be placed in a 10' drill pipe which will be placed in a shallow trench across FSR121 and buried. The pipe will be removed upon completion at each drill location and the trench will be refilled to grade.

G. Total project area to be disturbed 0.50 (acres)

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

Track-mounted wireline core drill. Drill pipe possibly on separate trailer. Backhoe for pad construction and reclamation. Drilling to be served by 4-wheel drive crew type pickup trucks, and crews will be housed and fed off Forest Service lands.

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

Topsoil, if present, will be stockpiled adjacent to the drill pads for replacement upon site restoration. Drill core will be transported and stored permanently off site.

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

Handcart Gulch is located approximately 75 ft west of the northern drill pad (pad 5) and approximately 200 ft west of the southern drill pad (pad 6). Groundwater (perched aquifer) expected to be encountered at base of overburden between 25 and 50 ft below ground surface (bgs). Rock below is crystalline. Some fracture permeability is possible.

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.

Pad 5 is on colluvial material adjacent to a "rock glacier".
Pad 6 is also on colluvial material on a grassy area adjacent to FSR 121 devoid of trees.
We plan to follow the forest service recommendations.

- 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, if present, is very thin and poorly developed in the area (0 - 6"). If present, it will be moved aside and stockpiled adjacent to the pad. Upon reclamation, it will be redistributed as recommended by the Forest Service.

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

On the way out of boring, drill rods will be displaced with 20% high-solids bentonite grout to 20 ft below ground surface (bgs). A cement cap will be emplaced from 20 ft to 1 ft bgs. Natural fill will be placed from 1 ft bgs to the ground surface.

- 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.

Drill sites: Sites will be re-graded to their original contours and re-vegetated as recommended by the Forest Service.

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

The roads will be re-graded to their natural contours and revegetated as recommended by the Forest Service.

- 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.**

An 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 you initials on the line provided:

- RMB 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.
- RMB I have enclosed the required permit fee.
- RMB 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.
- RMB 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.
- RMB 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.
- RMB 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. 34-32-10 I.
- RMB I herby 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 31 day of March, 2011

Signature of NOI holder or person authorized to sign:



Name (typed or print) Robert M. Burger

Title/Position: President, Sjerta Redcone, L LC

Robert M. Burger

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:

N #

NOI#

There is an NOI Number Already Assigned to this Operation
P- _____ {Please reference the file number assigned to this operation}
NewNOI
Modification to an Existing NOI
P- 2014-003 {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:** Redcone

5. **PROSPECTOR:**

PERSON MLRB SHOULD CONTACT:

Name: Robert M. Burger

Name: Same as Prospector

Title: President

Title: _____

Company Name: Sierta, LLC

Company Name: _____

Street: 1885 Redcoach Rd.

Street: _____

P.O. Box: _____

P.O. Box: _____

City: Allison Park

City: _____

State: PA

State: _____

Zip Code: 15101

Zip Code: _____

Telephone Number: (412) 818-5659

Telephone Number: _____

Fax Number: _____

Fax Number: _____

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

7. **LOCATION INFORMATION:**

County: Park

PRINCIPAL MERIDIAN {check one} 6th (Colorado) 10th (New Mexico) (Ute)

SECTION (write number): S 18

TOWNSHIP (write number and check direction) T _____ North South

RANGE (write number and check direction) R⁷⁵ 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):
Montezuma is approximately 5 miles NW of proposed work site, and the elevation is ~11,050 feet

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: _____

See attached Pike National Forest proposed work for map and location.

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

8. LAND OWNERSHIP

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

9. 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: Robert M. Burger

Address: 1885 Redcoach Rd
Allison Park, PA 15101
r.burger@verizon.net

Telephone: 412-818-5659

Fax Number: _____

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>Red Cone Mill Site</u>	<u>284550</u>	<u>Red Cone Mill Site Sec. 1 T6S R76W</u>
<u>Red Cone (1-11, 13-19, 21,27)</u>	<u>284530-284549</u>	<u>Red Cone Sec. 12 & 13 T6S R76W</u>
		<u>Red Cone Sec. 7 & 18 T6S R75W</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:

South Park Ranger District
P.O. Box 219, 320 Hwy 285
Fairplay, CO 80440
Phone (719) 836-2031

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:** Source(s) of metal contamination of water in Handcart Gulch

8. **Estimated dates of commencement and completion:**

Commencement: 07/15/2019,

Completion: 10/30/2019,

about 12.75 cubic yards

9. **Amount of material to be extracted, moved or proposed to be moved:** _____

10. **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"/> Declines |
| <input type="checkbox"/> Shafts | <input type="checkbox"/> Tunnels | <input type="checkbox"/> Adits | |
| <input type="checkbox"/> Air Drilling | <input checked="" 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...

Two level drilling pads estimated to be 25 by 35 ft each will be constructed. Short access roads estimated to be 25 ft long by 10 wide will be constructed to each pad. Back to back sumps measuring 10 x 10 x 8 ft will be excavated on each drill pad.

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 2.00 Average Width 25.00 (ft) Average Length 35.00 (ft)

B. Drill Holes: Quantity 2.00 Depth 3,000.00 (ft) Diameter 3.00 (in)

C. Mud Pits: Quantity 2.00 Average Width 10.00 (ft) Average Length 10.00 (ft)

Average Depth 8.00 (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:

Back to back sumps will be excavated at each drill pad. Dimensions approximately 10 ft x 10 ft x 8 ft deep.

F. Other Disturbances (please describe):

Do not anticipate any other. Our plan is to work from the drill pads adjacent to FSR 121 (Webster Pass Road).

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

Not anticipating storage of fuels onsite, beyond the OEM equipment & vehicles diesel fuel tanks

F. New Road(s): Length 50.00 (ft) Width 10.00 (ft)

Significantly Upgraded Road(s) Length _____ (ft) Width _____ (ft)

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

At each drill site, a hose will be placed in a 10' drill pipe which will be placed in a shallow trench across FSR121 and buried. The pipe will be removed upon completion at each drill location and the trench will be refilled to grade.

G. Total project area to be disturbed 0.50 (acres)

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

Track-mounted wireline core drill. Drill pipe possibly on separate trailer. Backhoe for pad construction and reclamation. Drilling to be served by 4-wheel drive crew type pickup trucks, and crews will be housed and fed off Forest Service lands.

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

Topsoil, if present, will be stockpiled adjacent to the drill pads for replacement upon site restoration. Drill core will be transported and stored permanently off site.

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

Handcart Gulch is located approximately 75 ft west of the northern drill pad (pad 5) and approximately 200 ft west of the southern drill pad (pad 6). Groundwater (perched aquifer) expected to be encountered at base of overburden between 25 and 50 ft below ground surface (bgs). Rock below is crystalline. Some fracture permeability is possible.

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.

Pad 5 is on colluvial material adjacent to a "rock glacier".
Pad 6 is also on colluvial material on a grassy area adjacent to FSR 121 devoid of trees.
We plan to follow the forest service recommendations.

- 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:

Topsoil, if present, is very thin and poorly developed in the area (0 - 6"). If present, it will be moved aside and stockpiled adjacent to the pad. Upon reclamation, it will be redistributed as recommended by the Forest Service.

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

On the way out of boring, drill rods will be displaced with 20% high-solids bentonite grout to 20 ft below ground surface (bgs). A cement cap will be emplaced from 20 ft to 1 ft bgs. Natural fill will be placed from 1 ft bgs to the ground surface.

- 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.

Drill sites: Sites will be re-graded to their original contours and re-vegetated as recommended by the Forest Service.

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

The roads will be re-graded to their natural contours and revegetated as recommended by the Forest Service.

- 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

4. The prospector will supply a copy of this NOI to the appropriate BLM and/or USFS office.
5. The prospector authorizes the MLRB to discuss the information in this Notice of Intent with the BLM and/or USFS.
6. 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.**

An 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 you initials on the line provided:

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.

RMB

I have enclosed the required permit fee.

RMB

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.

RMB

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.

RMB

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.

RMB

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.

RMB

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.

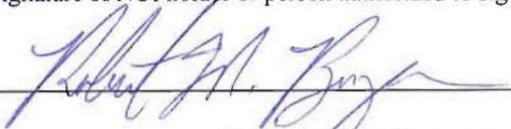
This form has been approved by the Mined Land Reclamation Board pursuant to section 34-32-113, C.R.S., of the Mined Land Reclamation Act. Any alteration or modification of this form shall result in voiding any NOI issued on the altered or modified form and subject the operator to cease and desist orders 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 20th day of May, 2019

Signature of NOI holder or person authorized to sign:



Robert M. Burger

Name (typed or print) _____

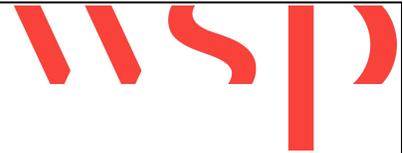
Title/Position: President Sierta Redcone, LLC

Robert M. Burger



Attachment B: Photographic Log

PHOTOGRAPH LOG



Redcone WP-10 Borehole Abandonment

Project: 3270NR0010

Date of activities: August 10 through 30, 2022



1. Drill Site for borehole WP-10



2. WP-10 borehole location with drill rig and HQ rod prior to abandonment

PHOTOGRAPH LOG



Redcone WP-10 Borehole Abandonment

Project: 3270NR0010

Date of activities: August 10 through 30, 2022



3. WP-10 borehole location after abandonment



4. Cement plugging material used to abandon WP-10 Borehole



5. Cement mixing tank



6. Drill Rig used to abandon borehole WP-10