

February 4th, 2022

Tim Cazier, Environmental Protection Specialist
CO Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

RE: Tallahassee Project, Notice of Intent to Prospect ID No. P-2021-019
Response to Notice of Deficiencies

Dear Mr. Cazier,

Please accept this correspondence on behalf of Usuran Resources Inc in response to the Division's review of the exploration notice.

Application

1. Item I.3 Company Name: The status of Usuran Resources Inc. is in compliance with CO Secretary of State.
2. Item I.5 Location Information: The distance to the nearest town and elevation is provided in Section 5.
3. Item II Maps & Drawings: see attached map and also previously emailed. The drill area is contained within the pink boundary indicated on the map and is exclusively on private surface and private mineral lands; there is no anticipated drilling to be undertaken on private or public surface, or public mineral lands.
4. Item III.3 Amount of Material: The information is provided. The total of 620 cubic yards is based upon the following assumption: that a 5.2 cubic yard mud pit is excavated at each drill site and that Reverse Circulation drilling of 5-inch holes generates approximately 6 tons of rock chips per drill hole – the total material removed = 60 holes x rock samples estimated at ~5 cubic yards per hole (gravel density 1.68/m³) = 360 tons. This figure is an estimate based upon all drilling be reverse circulation. If core drilling is undertaken the total figure would be lower as the drill diameter would be only 3- to 4-inches.
5. Item III 5. Containment of Drilling Fluids:
 - a. Drill operations will likely only be during daylight hours for Reverse Circulation (RC) drilling and 24hr for Diamond core drilling.
 - b. The mud pits within the application are for excess fluid generated during the drilling process. RC drilling using air only generates water when groundwater is encountered. The pits are to capture the water and allow it to infiltrate into the near surface. If core drilling is undertaken there will be no mud pit – a solids recovery (SRU) and mud-recirculation system will be employed.
 - c. In the case of RC, drilling impacted drilling fluids will not be used and fluids produced will only constitute ground water which will be allowed to infiltrate in the near surface to return to groundwater. In the case of core drilling there will be no net-surface discharge as all fluids are recirculated.

6. Item IV 2. Vegetation Description: The vegetation description is revised and it is not anticipated that trees will need to be removed.
7. Item IV 3. Topsoil Salvage: Usuran commits to salvaging topsoil at all drill pads where any grading or excavation is initiated.
8. Item IV 3. Reclamation Responsibility: Usuran notes the Division's position that the Prospector is responsible for ensuring reclamation is completed within five years of completion of prospecting activities.
9. Item IV 4. Hole Abandonment:
 - a. All drill holes will be abandoned immediately upon completion.
 - b. Usuran commits to submitting the final abandonment reports to the Division within 12 months (or 60 days if artesian flows are encountered) of completing abandonment.
10. Item IV.5. Reclamation of Other Disturbances: For the anticipated RC drilling rock samples produced by the drilling process, all will be collected in bags, removed and stored off site. In the case of diamond core drilling, core samples will be boxed and removed from the site. Drill cuttings will be collected by the SRU and placed into cubic yard super sacks and disposed of appropriately according to state health and safety regulations.
11. Item IV.G. Mud Pit Reclamation: Usuran commits to ensuring that the contents and cover of the backfilled mud pits does not exceed the Division's limits for radium 226 or radium 228, and natural uranium decay products. Background levels will be determined by sampling each mud pit location prior to disturbance. Testing of the rock materials produced by drilling will occur as drilling proceeds giving real time monitoring of all decaying products from any potential Uranium deposit below surface.
12. Item IV.7 Seed Mixture: Mountain Mahogany will be in the seed mix when/if trees require removal for exploration. At this time, tree removal is not anticipated. Should tree removal be necessary less than 0.5 acres will be impacted, thus only 0.5 acres will require Mountain Mahogany seed.
13. Legal Right to Entry: Please find the enclosed lease agreement with the Owners of Record.

Please feel free to contact me with any questions.

Respectfully submitted,



Alan Roberts

Enclosures:

Legal Right to Entry, Drill Area location Map



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

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 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) and (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 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 <http://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 (Confidentiality 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 the electronic copy;
- One (1) unbound copy of the original NOI packet including Form 1 and Form 2 with maps and attachments;
- OR One (1) signed and completed NOI Non-Confidential Form (Form 2) plus one (1) 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 SB228 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 (Confidentiality) 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 in these rules, but no later than 20 working days of NOI receipt.

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 form, 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 SB 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 \$86.00.**

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, Ste. 301
Grand Junction, CO 81501
Telephone: 970.243.6368
FAX: 970.241.1516

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



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

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

CHECK ONE:

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

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: Tallahassee Project

3. PROSPECTOR:

Ben Vallerine

Name

Consultant

Title

Usuran Resources Inc

Company Name

PERSON MLRB SHOULD CONTACT:

Alan Roberts

Name

North American Manager

Title

Usuran Resources Inc

Company Name



242 Linden Street

Street

P.O. Box

Fort Collins, CO, 80524

City, State, Zip

(720) 258-6329

Telephone

()

Fax

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

5.

LOCATION INFORMATION:

County:

Fremont County

Principal Meridian (check one):



6th (Colorado)



10th

(New Mexico)



Ute

Section (write number)

5

TOWNSHIP

17

N



S



RANGE

73

E



W



QUARTER SECTION (check one):

NE



NW



SE



SW



QUARTER/QUARTER SECTION (check one):

NE



NW



SE



SW



GENERAL DESCRIPTION: (the number of miles and direction to the nearest town and the approximate elevation):

30 miles east to Cañon City on Hwy 9; 8,500 ft. elevation

242 Linden Street

Street

P.O. Box

Fort Collins, CO, 80524

City, State, Zip

(307) 256-8930

Telephone

()

Fax

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

Lat: _____ X: _____

Long: _____ Y: _____

6. LAND OWNERSHIP:

☒ Private ☐ Public Domain (BLM) ☐ National Forest (USFS)

☐ State ☐ State Sovereign Lands ☐ Other (please describe)

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

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

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

A. CLAIMANT:

Name N/A

Address _____

City, State, Zip _____

Telephone ()

Fax ()

B. SITE/CLAIM INFORMATION:

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

NAME	SERIAL NUMBER	LEGAL DESCRIPTION

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

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

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

Agency	N/A
Address	
City, State, Zip	
Telephone	()

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

☐

Evidence of notification is attached to this NOI for BLM Land

☐

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

☐

Other proof of notice is attached to this NOI

II. MAPS & DRAWINGS

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

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

III. PROJECT DESCRIPTION

1. Mineral(s) and/or Resource(s) being Investigated:

Uranium

2. Estimated dates of commencement and completion:

Commencement:	3	/	1	/	2022
Completion	12	/	31	/	2027
3. Amount of material (specify units) to be extracted, moved or proposed to be moved:

620	Units	cu.yd
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Identify the type or method of prospecting proposed and quantity (place an "X")

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

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

Minimal roads will be constructed, most likely limited two-tracks over grassy fields, minor track construction. Well maintained gravel roads provide access to a large portion of the proposed Prospecting Area. A maximum of 60 drill pads will be constructed, mostly limited to slight levelling with a back hoe or bulldozer. Along side every drill pad a mud pit will be constructed to contain drilling fluids.

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

A. Drill Pads:

Quantity	<u>60</u>	Average Width (ft)	<u>40</u>	Average Length (ft)	<u>70</u>
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B. Drill Holes:

Quantity	<u>60</u>	Depth (ft)	<u>1000 (avg)</u>	Diameter (in)	<u>5</u>
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C. Mud Pits

Quantity	<u>60</u>	Average Width (ft)	<u>6</u>	Average Length (ft)	<u>6</u>	Average Depth (ft)	<u>4</u>
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- D. Described proposed underground work, including reopening of old workings, advancement of adits or shafts, trenches, pits, cuts, rock dumps, or other types of disturbance, describe type, quantity and general dimensions:

None

E. Other Disturbances (please describe)

None

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

Drilling muds (dominantly Bentonite based products), hole abandonment material (bentonite and cement) and loss circulation materials. No diesel will be stored on-site, it will be transported from Canon City in a CDOT certified vehicle and will remain in that vehicle and transfered into the drill rig as required. There will be small quantities of drilling and engine oil, grease and other fluids used to maintain onsite equipment as needed; they will be stored appropriately onsite.

G. New Roads:

Length (ft): 3000 Width (ft): 12

Significantly

Upgraded Roads

Length (ft): _____ Width (ft): _____

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

No. unlikely to be necessary. Some already in place on private and public access roads

H. Total project area to be disturbed (acres) 4.68 acres (if all holes drilled)

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

Surface air or mud rotary drill rig and/or diamond core drill rig as well as ancillary air compressor(s), water truck, pipe truck, backhoe, grader, bulldozer, trackhoe, seed drill, pick-up truck(s), light plant(s), small generator(s), haul truck for delivering / removing off-road equipment

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

No structures to be constructed.

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

North Tallahassee and Squaw Creeks runs through the exploration area but the Company commits not to drill within 200 feet of these creeks. Aquifers will be encountered in each hole with the abandonment procedures described below.

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.

See Attached

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

Topsoil in the NOI area is estimated to be 40-60 cm thick.

If leveling of pads is necessary topsoil will be stockpiled for replacement during reclamation to ensure re-establishment of vegetation.

One of the ranch owners will most likely be responsible for the reclamation.

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

Each drill hole will be abandoned in accordance with rule 5.4.2. As all drill-holes are expected to encounter an aquifer, the holes will be sealed in a manner far exceeding the minimum requirements described by the Colorado State Mineral Rules and Regulations Rule 5. We will grout to within 30ft of the of the surface, then cement to bedrock-topsoil contact or approximately 2ft from the ground surface, and then cover the cement with top soil. No surface marker will be left to indicate the holes location - they will be located and recorded using high precision GPS negating the requirement for a permanent marker.

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.

N/A

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

Road disturbances will most likely be confined to two track paths in grassy fields, which ~~will be reseeded upon completion of the drill program. In the event of road construction,~~ upon completion of the drill program all roads will be re-contoured to best match the original topography, ripped and reseeded.

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

A. Plant name and seeding rate:

Plant Name	Seeding Rate (PLS/Acre)
Western Wheatgrass	2.80
Steambank Wheatgrass	0.80
Blue Grama	0.10
Sicleoats Grass	0.50
Green Needle Grass	1.80
Mountain Mahogany (where necessary)	0.10

Note: The Ranch owner completes the rehabilitation and purchases the seed locally, and may vary this mix for his specific purpose

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

Once drill pads and any sumps are backfilled they will be re-contoured and ripped to prevent erosion. Then seed will be planted using a specialist machine that is pulled behind a tractor and injects the seed into the ground.

Photo of seeder (see attached letter)

V. TERMS AND CONDITIONS FOR PROSPECTING OPERATIONS:

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

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

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

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

VII. FINANCIAL WARRANTY

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

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

VIII. SIGNATURE REQUIREMENT

Please place your initials on the line provided:

 AAR 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.

 AAR I have enclosed the required permit fee.

 AAR 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.

 AAR 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.

 AAR 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.

 AAR 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.

 AAR 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 03 day of February, 2022
(date) (month) (year)

Signature of NOI holder or person authorized to sign: 

Name (typed or printed): Alan A. Roberts

Title/Position: North American Manager

M:\min\oss\slb\MineralsForms\ProspectForm2
30 Aug 2017

State of Colorado
Division of Reclamation, Mining and Safety
1313 Sherman St., Room 215
Denver, Colorado, 80203

17th November 2021

Attention: Tim Cazier

Re: Notice of Intent to Conduct Prospecting Operations for Hard Rock/Metal Mines

Tim,

On behalf of Usuran Resource Limited (the Company) we would like to apply for a Notice of Intent to Conduct Prospecting Operations (NOI). We have included this cover letter in support of the application in order to cover more detailed responses to parts of the application. If the Company can acquire all of the required permits, we aim to commence drilling in early to mid-2022. The company will also be required to go through the permitting process with Fremont County and is therefore requesting the approval for sufficient drill holes to cover an extended program should initial results prove successful.

The Company has Mineral Leases with two private landholders in the district; the land where all exploration is proposed is entirely within private surface and mineral estates, the Company has no unpatented mining claims within this NOI application area (see attached map: Proposed Drilling Area). Therefore, the Company believes there is no requirement to contact BLM, USFS or other Federal agencies.

The majority of the proposed drilling area is on land with private mineral rights however, there is some split estate land; the BLM owns these mineral rights and the lessee's with whom Usuran has the lease agreements own the surface, the Company does not own any mining claims in the area so will not be drilling in these areas.

The company intends to review the entire area as part of this prospecting operation and these activities will be restricted to surface mapping and sampling. Drilling will be largely restricted to areas where previous drilling occurred, that is the central part of the property (see attached map: Proposed Drilling Area). The Company is currently planning to drill approximately 60 holes in the area over the next 4 years mainly proximal to where the historical drilling was carried out in the 1970's and 2000's, the area has an excellent network of existing tracks and open grassy paddock and will require very little new tracks.

As per our phone discussion today (17th November, 2021) the final locations of the drill holes to be undertaken has not been determined. The attached map shows the concentration of historic drilling and the general area in which we will drill; operations are likely to be conducted in areas that correspond to those that have the highest density

of historic drilling. As we discussed, the targets for drilling are preserved braided stream channel sediments that vary in orientation and thickness, this means that drilling is an iterative process and the result from a single drill hole may redirect further drilling to other locations. However, this will have no effect on the overall level of disturbance as noted in the attached application.

As per the requirements proof of the Mining Lease's covering the proposed area of Prospecting in the form of a Memorandum of Mining Agreement with both the Taylor's and Boyer Family Ranch LLC. These documents have recently been recorded with the County.

The company's calculations indicate the total area to be disturbed will be considerably less than 4.68 acres (see body of NOI for calculations) in total. Therefore, by using the DRMS' figures of \$2,000 per acre of disturbed land the company proposes a bond of \$9,360. The company will await comment from DRMS' before submitting this financial warranty, however, the filing fee of \$86 is included.

5. Location Information

Township 16 South, Range 73 West 6th Principal Meridian

Section 32: W2SW, SESW
Section 33: S2
Section 34: S2, S2NE
Section 35: N2N2SW, S2S2SW, W2NE, N2SE

Township 17 South, Range 73 West 6th Principal Meridian

Section 2: N2N2
Section 3: All
Section 4: All
Section 5: All
Section 6: All
Section 7: All
Section 8: All
Section 9: N2, SW, W2SE
Section 10: NWNE, N2NW, SWNW
Section 17: N2, NESE
Section 18: N2, N2S2, SWSE

Township 50 North, Range 12 East New Mexico Principal Meridian

Section 11: Lots 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13
Section 14: Government Tract 40 (40-A, 40-B, 40-C, 40-D, 40-E, 40-F, 40-G)
Lots 1, 2, 3, 4, 5, 6, 7, 8
Section 23/24: Government Resurvey Tracts 86A, 86B & 86C

IV Operation and Reclamation Measures

1. The Applicant will endeavor to take adequate photos pre-prospecting and post reclamation to show the reclamation efforts.
2. The lands where the Prospecting activities are proposed is within 2 large ranches covering approximately 7,500 acres of private land. The lands consist of rolling grassy hills, to lightly wooded lands dominated by deciduous trees through to more heavily wooded and steep mountainous areas. The three photos below were taken in June 2007 all from the same location, an elevated platform fairly central to the combined properties, these photos show the main landforms in the area, fairly typical of Front Range location are from the authors collection from his time working on the property.



Photo 1. Looking west-northwest towards Waugh Mountain, the Noah deposit is in the clearing central to the photo.



Photo 2. Looking North with the Norwest Taylor Deposit central to the photo.



Photo 3. Looking south-southeast towards the Boyer deposit

IV. Operation and Reclamation Measures

1. The Company will endeavor to keep a complete photo record of pre-prospecting and post-prospecting condition for each drill pad
2. The NOI covers a very large area and the native vegetation is quite variable across the Project, with significant elevation and geomorphology changes also. I have attached a series of photographs used in support of NOI's for drilling in 2006. The area has not changed at all.
3. The photo below shows the owner of the property conducting the re-seeding on behalf of a previous prospector. The topsoil has been re-spread over the pad and the seeding is done use a mechanized seed drill.



Drill Pad immediately after completion of drilling



Drill Pad during final stages of reclamation, seed drill pictures



Drill Pad fully reclaimed after multiple seasons



Drill Pad after full reclamation and multiple growing seasons (pad was partially on road)

Yours Sincerely

Alan Roberts
North American Manager
Usuran Resources

