



COLORADO

Division of Reclamation
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

MD01

ERR/mac

Form 2 (Public File)

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

RECEIVED

NOV 29 2018

DIVISION OF RECLAMATION
MINING AND SAFETY

SCANNED

P-2015-021
Complied!
0 prior minor infractions!

MD01
0 prior violations!
ERR/mac

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-

 2015 - 021

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: LGPD2-3

3. PROSPECTOR:

John Crowley

Name

Geologist

Title

Company Name

PERSON MLRB SHOULD CONTACT:

John Crowley

Name

Geologist

Title

Company Name



382 Mcarthur Dr

Street

P.O. Box

Lone Tree, Co 80124

City, State, Zip

(303) 601-3534

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:

Park

Principal Meridian (check one):

☐

6th (Colorado)

☒

10th

(New Mexico)

☐

Ute

Section (write number)

17

TOWNSHIP

12

N

☐

S

☒

RANGE

71

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):

1.5 n of Lake George, Co

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: 39.00148 X: _____
Long: 105.35400 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 Michael Royer
Address PO Box 23
City, State, Zip Villa Grove, Co 81155
Telephone (970) 470-0973
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
L.G.P.D.#2	MC#269321	SW 1/4 of SW 1/4 of sec 17, T12S, R71W, NM, PM, Park Co
		SW 1/4 of SE 1/4 of sec 17, T12S, R71W
		NM, PM, Park Co

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	USFS
Address	PO Box 219
City, State, Zip	Fairplay, Co 80440
Telephone	(719) 8362031

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: Amazonite, fluorite, quartz, goethite specimens
2. Estimated dates of commencement and completion:

Commencement:	<u>07</u>	<u>/</u>	<u>10</u>	<u>/</u>	<u>19</u>
Completion	<u>10</u>	<u>/</u>	<u>01</u>	<u>/</u>	<u>21</u>
3. Amount of material (specify units) to be extracted, moved or proposed to be moved: 2133 Units yds

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 type="checkbox"/> Air Drilling | <input type="checkbox"/> Fluid Drilling |
| <input type="checkbox"/> Drilling and Blasting | | |

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

None other than test pits/trenches and waste piles. 1-20ftx20ftx6ft pit. 5- 8ftx50ftx6ft pit.

~~Safety fencing will be installed around any open excavation to minimize hazards to the public and wildlife. Signage will be posted at any open excavation. Each pit will be backfilled prior to moving on to the next test site. Any tree removal(not anticipated) will be used for erosion control during reclamation efforts.~~

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	Average Width (ft)	Average Length (ft)
0		

B. Drill Holes:

Quantity	Depth (ft)	Diameter (in)
0		

C. Mud Pits

Quantity	Average Width (ft)	Average Length (ft)	Average Depth (ft)
0			

- 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:

n/a

E. Other Disturbances (please describe)

Any disturbance from walking in equipment will be reclaimed to forest service specs with approved seed mix.

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

none

G. New Roads:

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

Significantly

Upgraded Roads

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

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

no

H. Total project area to be disturbed (acres) .11

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

Rubber tired backhoe.

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

none

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

none anticipated

IV. OPERATION AND RECLAMATION MEASURES:

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

Semi arid montane zone. The proposed disturbed area consist of bunch grasses and shrubs.

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:

Personal observation: Topsoil depths range from 3-12 inches. Hand dug test pits did not indicate any depths over 12 inches. All topsoil regardless of depth will be stockpiled adjacent to the test pit for reclamation purposes. Overburden not including topsoil will be stockpiled in a separate location adjacent to the test pit.

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

na

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.

All pits will be backfilled from overburden stockpile and contoured to fit the natural surroundings. Stockpiled topsoil will then be distributed and placed over the disturbed area. Water diversion structures consisting of natural vegetation ie: logs, woody debris, rocks, will be constructed to prevent erosion. Approved seed mixture will then be broadcast and raked in.

6. Describe how roads will be reclaimed or returned to their pre-prospecting (or better) condition:
No roads to be constructed.

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)
As suggested by USFS-Fairplay	
Slender Wheatgrass 25%	1
Mountain Brome 25%	1
Arizona Fescue 15%	1
Mutton Grass 10%	1
Squirreltail 5%	1
Montanna Mountain Muhly 5%	1
Junegrass 5%	1
Western Wheatgrass 5%	1
Blue Grama 5%	1

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

Recountour slopes to natural surrounding, place stockpile topsoil on disturbed area, cast and rake in seed mixture.

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:


 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.


 I have enclosed the required permit fee.

 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.

 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.

 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.

 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.

 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 28th day of NOVEMBER, 2018
(date) (month) (year)

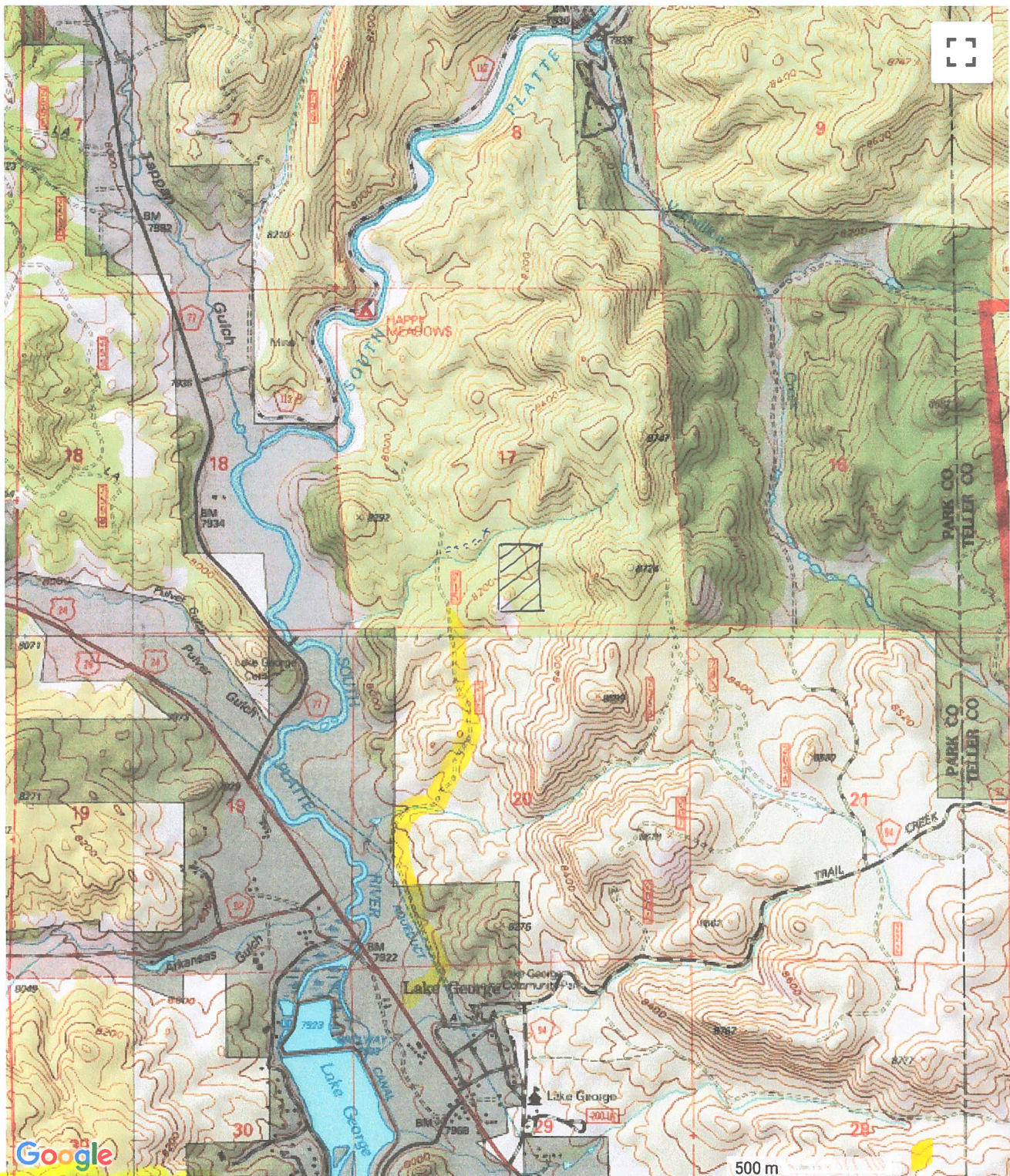
Signature of NOI holder or person authorized to sign: 

Name (typed or printed): JOHN CROWLEY

Title/Position: GEOLOGIST/OPERATOR

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

Lake George Topo Map in Park County Colorado



RECEIVED

NOV 29 2018
 P. 2015-021
 DIVISION OF RECLAMATION
 MINING AND SAFETY

* all small
 maps
 + photos!

[Print this map](#)

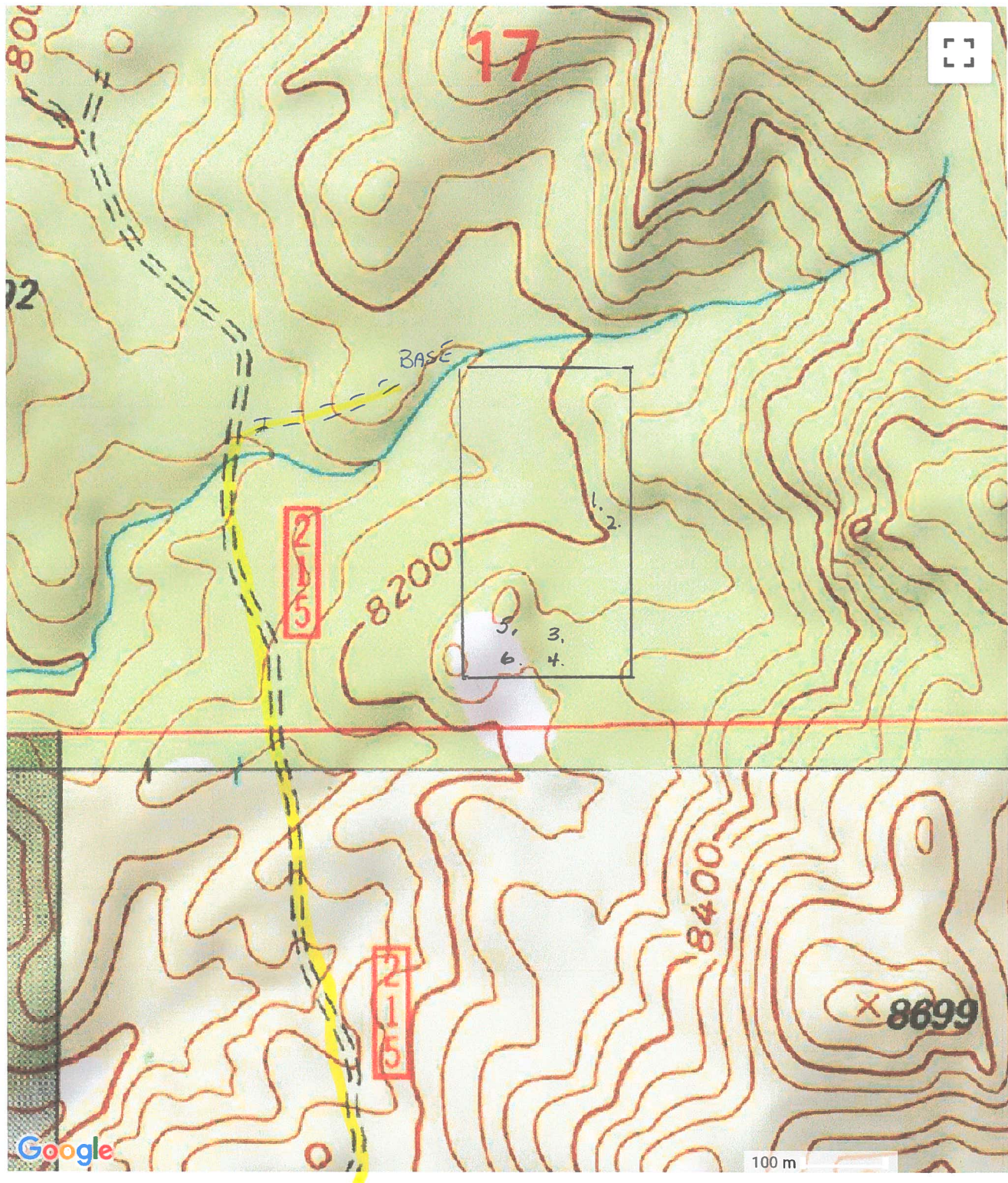
Map provided by TopoZone.com

PROJECT NAME LGPD2-3

NDI PROSPECT P-2015-021

LGPD#2 MC 269 321

Lake George Topo Map in Park County Colorado



[Print this map](#)

Map provided by TopoZone.com

PROJECT NAME LGPD2-3
NOI PROSPECT P-2015-021
LGPD#2 MC269321

- Copy -
TO Div. of Rec.

Park County Board of Commissioners

November 28, 2018

501 Main St

Fairplay, Co 80440

RE; Modification to Existing NOI

Dear Sir/ Madam,

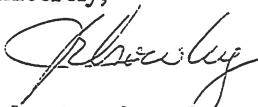
Please consider this notice that the below mentioned individuals are submitting a modification to the Division of Reclamation, Mining and Safety and the U.S. Forest Service to conduct prospecting operations in Park County Colorado.

Site: LGPD2 Claim CMC#269321

Legal Desc. SW1/4 of SE1/4 of SEC 17, T12S,R71W

Non confidential information regarding the proposed activities will be available for review at the Divisions website.

Sincerely,



John Crowley-Operator

Mike Royer-Claimant

Amy Titterington

November 28, 2018

USDA

Forest Service

320 Hwy 285

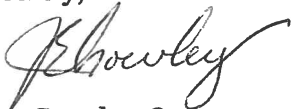
Fairplay, Co 80440

RE: Plan of Operations

Dear Amy,

Enclosed please find the Plan of Operation for LGPD2. If you have any questions please contact me at the phone number or address listed below. Thank you for your time and consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. Crowley", written in dark ink.

John Crowley-Operator

382 Mcarthur Dr

Lone Tree, Co 80124

303-601-3534

Mike Royer-Claimant

PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS

USE OF THIS FORM IS OPTIONAL! 1st TIME USERS SHOULD DIRECT QUESTIONS REGARDING THIS FORM OR REGULATIONS (36 CFR 228A) TO THE FOREST SERVICE DISTRICT OFFICE NEAREST YOUR AREA OF INTEREST.

Submitted by: *John Crowley* *Geologist / Operator* *11/24/18*
Signature Title Date
(mm/dd/yy)

Signature Title Date
(mm/dd/yy)

Plan Received by: _____
Signature Title Date
(mm/dd/yy)

I. GENERAL INFORMATION

- A. Name of Mine/Project: *L.G.P.D. 2-3*
- B. Type of Operation: *PROSPECT*
(lode, placer, mill, exploration, development, production, other)
- C. Is this a (☒new/☐continuing) operation? (check one).
If continuing a previous operation, this plan (☐replaces/☐modifies/☐supplements) a previous plan of operations. (check one)
- D. Proposed start-up date (mm/dd/yy) of operation: *07/10/19*
- E. Expected total duration of this operation: *90 DAYS*
- F. If seasonal, expected date (mm/dd/yy) of annual reclamation/stabilization close out: _____
- G. Expected date (mm/dd/yy) for completion of all required reclamation: *10/1/19*

II. PRINCIPALS

- A. Name, address and phone number of operator: *JOHN CROWLEY 382 MCARTHUR DR. LANE TREE, CO 80124* *303 691-3534*
- B. Name, address, and phone number of authorized field representative (if other than the operator).
Attach authorization to act on behalf of operator.
- C. Name, address and phone number of owners of the claims (if different than the operator):
Michael Royer, P.O. Box 23, Villa Grove, Co 81155 970-470-0973

(If more space is needed to fill out a block of information, use additional sheets and attach form)

- D. Name, address and phone number of any other lessees, assigns, agents, etc., and briefly describe their involvement with the operation, if applicable:

III. PROPERTY OR AREA

(Name of claim, if applicable, and the legal land description where the operation will be located.)

MC#	Name	Section	Township	Range
269321	LGPD #2	517	12 S	71 W

IV. DESCRIPTION OF THE OPERATION

- A. **Access.** Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which Forest Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. For new construction, include construction specifications such as widths, grades, etc., location and size of culverts, describe maintenance plans, and the type and size of vehicles and equipment that will use the access routes.

ACCESS FROM OLD FOREST SERVICE RD 215 AND 215A. - ALREADY BENDED.
NO NEW ROAD CONSTRUCTION NEEDED
ONE TRIP IN AND OUT IS PROPOSED W/ RUBBER TIRE BACKHOE
PERSONAL VEHICLES PARKED ON OLD 215A
ACCESS TO SITE 450' E. OF OLD 215-215A INTERSECTION
ONE TRIP IN AND OUT W/ RUBBER TIRE BACKHOE. ANY DISTURBANCE TO BE CLAIMED

- B. **Map, Sketch or Drawing.** Show location and layout of the area of operation. Identify any streams, creeks or springs if known. Show the size and kind of all surface disturbances such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.

SEE ENCLOSED TOPO 7.5' HACKETT MTN. QUAD.
TOPSOIL and STOCKPILES to be PLACED ADJACENT to
TEST PITS.

- C. **Project Description.** Describe all aspects of the operation including mining, milling, and exploration methods, materials, equipment, workforce, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpile, waste rock placement, tailings disposal, proposed number of drillholes and depth, depth of proposed suction dredging, and how gravels will be replaced, etc. Calculate production rates of ore. Include justification and calculations for settling pond capacities, and the size of runoff diversion channels.

1-20'x20'x6'-P.T., 5-8'x50'x6'-P.T. SAFETY FENCING TO BE USED ON ANY OPEN EXCAVATION.
TOPSOIL WILL BE STOCKPILED ADJACENT TO EACH P.T. OVERBURDEN PLACED ADJACENT TO EACH P.T. EACH P.T. WILL BE BACKFILLED PRIOR TO MOVING ON TO THE NEXT TEST SITE. TOPSOIL THEN REPLACED TO DISTURBED AREAS.
WORKFORCE WILL INCLUDE 1-OPERATOR/ECOLOGIST + 1-HELPER. EXCAVATION WILL BE BY MEANS OF 1-RUBBERTIRED BACKHOE.

- D. **Equipment and Vehicles.** Describe that which is proposed for use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.

1- RUBBER TIRED BACKHOE - DAILY USE.
JOHN DEER 310 OR EQUIVALENT.

- E. **Structures.** Include information about fixed or portable structures or facilities planned for the operation. Show locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipelines, water diversions, trailers, sanitation facilities including sewage disposal, etc. Include engineering design and geotechnical information for project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.

NONE. Camp Located at 39°00' 14.8"N, 105°21' 22.43"W

V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

- A. **Air Quality.** Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.

NA - operation will follow "LEAVE NO TRACE" principles in regard to HUMAN WASTE.
BACKPACKING TOILET TO BE ON SITE.

B. Water Quality. State how applicable state and federal water quality standards will be met. Describe measures or management practices to be used to minimize water quality impacts and meet applicable standards.

1. State whether water is to be used in the operation, and describe the quantity, source, methods and design of diversions, storage, use, disposal, and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.
2. Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.
3. Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.
4. Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.
5. If land application is proposed for waste water disposal, the location and operation of the land application system must be described. Also describe how vegetation, soil, and surface and groundwater quality will be protected if land application is used.

NO WATER USED IN OPERATION. SILT FENCE to be used
IF GRADE EXCEEDS 10%. WATER DIVERSION STRUCTURES/DAMS
will be constructed during RECLAMATION.

C. Solid Wastes. Describe the quantity and the physical and chemical characteristics of solid waste produced by the operation. Describe how the wastes will be disposed of including location and design of facilities, or treated so as to minimize adverse impacts.

NONE ANTICIPATED. ANY WASTE WILL BE COLLECTED AND DISPOSED OF.
- BACKPACK TOILET ON SITE.
- "LEAVE NO TRACE" principles will be followed
for HUMAN WASTE.

D. Scenic Values. Describe protection of scenic values such as screening, slash disposal, or timely reclamation.

RECLAMATION WITHIN TIME FRAME OF OPERATION

- E. **Fish and Wildlife.** Describe measures to maintain and protect fisheries and wildlife, and their habitat (includes threatened, endangered, and sensitive species) affected by the operations.

NA

- F. **Cultural Resources.** Describe measures for protecting known historic and archeological values, or new sites in the project area.

ALL PARTICIPANTS WILL BE BRIEFED ON THE IMPORTANCE OF ANY HISTORIC OR ARCHEOLOGICAL FINDINGS. ALL WILL HAVE THE AUTHORITY TO CEASE OPERATIONS AND NOTIFY THE FOREST SERVICE IMMEDIATELY

- G. **Hazardous Substances.**

1. Identify the type and volume of all hazardous materials and toxic substances which will be used or generated in the operations including cyanide, solvents, petroleum products, mill, process and laboratory reagents.

DIESEL FUEL - 5 GAL. APPROVED CONTAINERS - ANY SPILLS OF ANY CONTAMINATED WILL BE CLEANED BY REMOVING ALL AFFECTED SOIL AND REMOVING FROM USFS LAND.

2. For each material or substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles), procedures for use of materials or substances, methods, volume, and containers for disposal of materials and substances, security (fencing), identification (signing/labeling), or other special operations requirements necessary to conduct the proposed operations.

2. 5 GAL Diesel Containers if needed

3. Describe the measures to be taken for release of a reportable quantity of a hazardous material or the release of a toxic substance. This includes plans for spill prevention, containment, notification, and cleanup.

THERE WILL NOT BE ON SITE MORE THAN A REPORTABLE QUANTITY OF FUEL.

- H. **Reclamation.** Describe the annual and final reclamation standards based on the anticipated schedule for construction, operations, and project closure. Include such items as the removal of structures and facilities including bridges and culverts, a revegetation plan, permanent containment of mine tailings, waste, or sludges which pose a threat of a release into the environment, closing ponds and eliminating standing water, a final surface shaping plan, and post operations monitoring and maintenance plans.

*ALL RECLAIMED AREAS to be monitored until Regrowth is Achieved.
Pits to be backfilled, covered w/ topsoil and Revegetate to
Forest Service Specs. with Forest Service Approved Seed Mixture.
Surface Water Diversion Structures will be Constructed w/ logs, woody debris,
Rocks, etc, at ALL TEST SITES. ALL EQUIPMENT FRASH will be removed from Forest Service land.*

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

- A. Required changes/modifications/special mitigation for plan of operations:

- B. **Bond.** Reclamation of all disturbances connected with this plan of operations is covered by Reclamation Performance Bond No. _____, dated (mm/dd/yy) _____, signed by _____ (Principal) and _____ (Surety), for the penal sum of _____. This Reclamation Performance Bond is a guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations. This Reclamation Performance Bond also extends to and includes any unauthorized activities conducted in connection with this operation.

The bond amount for this Reclamation Performance Bond was based on a bond calculation worksheet. The bond amount may be adjusted during the term of this proposed plan of operations in response to changes in the operations or to changes in the economy. Both the Reclamation Performance Bond and the bond calculation worksheet are attached to and made part of this plan of operations. Acceptable bond securities (subject to change) include:

1. Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or
2. Certified or cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond.

VII. TERMS AND CONDITIONS

- A. If a bond is required, it must be furnished before approval of the plan of operations.
- B. Information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules, and regulations.
- C. Approval of this plan does not constitute certification of ownership to any person named herein and/or recognition of the validity of any mining claim named herein.
- D. Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.
- E. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800 have been complied with.
- F. This plan of operations has been approved for a period of _____ or until (mm/dd/yy) _____. A new or revised plan must be submitted in accordance with 36 CFR part 228, subpart A, if operations are to be continued after that time period.

VIII. OPERATING PLAN ACCEPTANCE

☒ I/We have reviewed and agreed to comply with all conditions in this plan of operations including the required changes, modifications, special mitigation, and reclamation requirements.

☐ I/We understand that the bond will not be released until the Authorized Officer in charge gives written approval.

Signature of ☒ Operator (or ☐ Authorized Representative)

11/26/18
(Date)
(mm/dd/yy)

IX. OPERATING PLAN APPROVAL

(Name)

(Title)

Signature of (Authorized Officer)

(Date)
(mm/dd/yy)

Burden and Non-Discrimination Statement

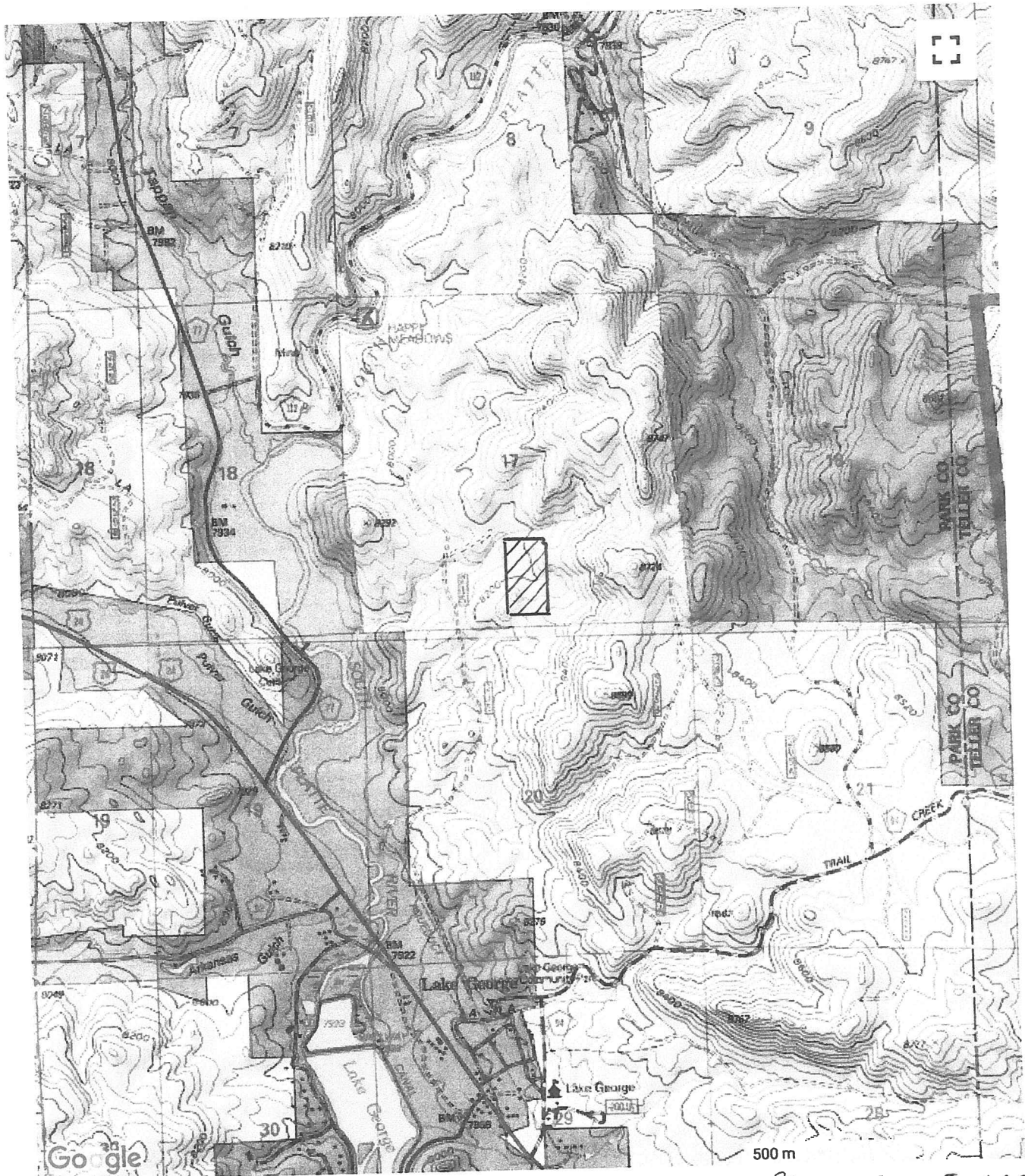
According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0022. The time required to complete this information collection is estimated to average 12 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.


The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

Lake George Topo Map in Park County Colorado

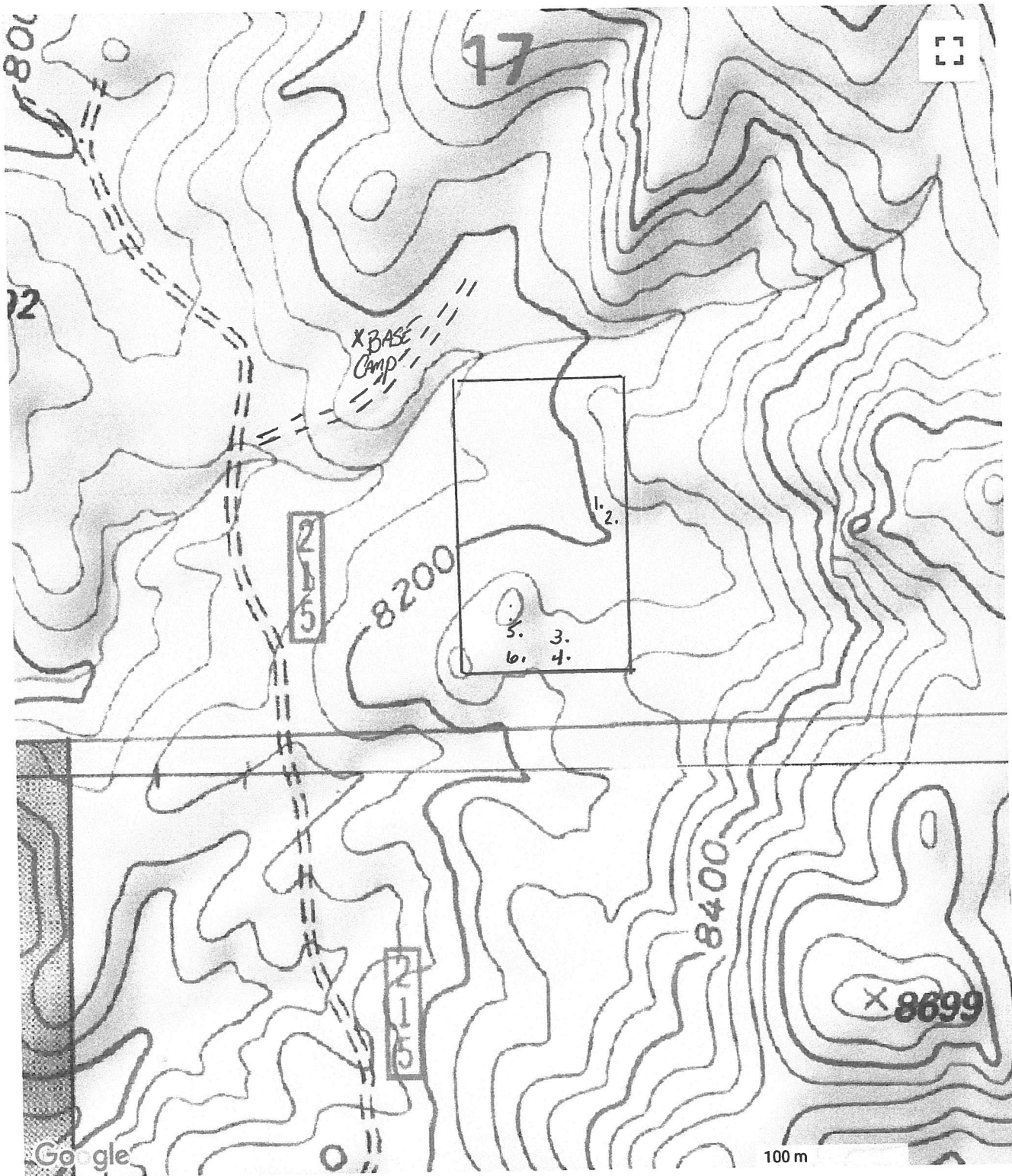



 [Print this map](#)

Map provided by TopoZone.com

PROJECT NAME LGPD2-3
NOI PROJECT -P2015-021
LGPD #2 -MC# 269321

Lake George Topo Map in Park County Colorado



 [Print this map](#)

Map provided by TopoZone.com

PROJECT NAME- LGPDZ-3

NDI PROJECT P2015-021

LGPD#2 MC#269321

TEST PIT #1-6.

Copy -
TO. A.T USFS

Park County Board of Commissioners

November 28, 2018

501 Main St

Fairplay, Co 80440

RE; Modification to Existing NOI

Dear Sir/ Madam,

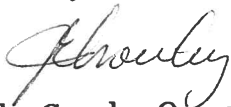
Please consider this notice that the below mentioned individuals are submitting a modification to the Division of Reclamation, Mining and Safety and the U.S. Forest Service to conduct prospecting operations in Park County Colorado.

Site: LGPD2 Claim CMC#269321

Legal Desc. SW1/4 of SE1/4 of SEC 17, T12S,R71W

Non confidential information regarding the proposed activities will be available for review at the Divisions website.

Sincerely,



John Crowley-Operator

Mike Royer-Claimant

**For this Record...**

[Filing history and documents](#)
[File a form](#)
[Subscribe to email notification](#)
[Unsubscribe from email notification](#)

[Business Home](#)
[Business Information](#)
[Business Search](#)

[FAQs, Glossary and Information](#)

Summary

Details			
Name	jc minerals llc, Dissolved September 30, 2017		
Status	Voluntarily Dissolved	Formation date	10/09/2007
ID number	20071464862	Form	Limited Liability Company
Periodic report month	October	Jurisdiction	Colorado
Principal office street address	382 Mcarthur Dr, Lone Tree, CO 80124, United States		
Principal office mailing address	n/a		

Registered Agent	
Name	John E Crowley
Street address	382 MCARTHUR DR, Lone Tree, CO 80124, United States
Mailing address	n/a

[Filing history and documents](#)

[Get certified copies of documents](#)

[File a form](#)

[Set up secure business filing](#)

[Subscribe to email notification](#)

[Unsubscribe from email notification](#)

[Back](#)

Elliott
 Reg I P2015021
 JC minerals
 dissolved

[Terms & conditions](#) | [Browser compatibility](#)

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY
Department of Natural Resources



COPY

Elliot
I have bond to
return for signature,
unless you want to
with any other inadequate
195425 start

**ONE SITE PROSPECTING FINANCIAL WARRANTY
ON BUREAU OF LAND MANAGEMENT LAND
CHECK FOR DEPOSIT IN STATE TREASURY**

RECEIVED
IN ADEQUATE
RETURNED IN SIGNATURE / BXC
NOV 29 2018

Prospecting Financial Warranty No. 1213

Notice of Intent No. P-2015-021

Division of Reclamation,
Mining & Safety

This form has been approved by the Mined Land Reclamation Board ("Board") pursuant to section 34-32-117, C.R.S., of the Colorado Land Reclamation Act. Any alteration or modification of this form, without approval by the Board shall result in the financial warranty being invalid and result in the voiding of any permit issued in conjunction with such invalid financial warranty and subject the Prospector to cease and desist orders and civil penalties for prospecting without a permit pursuant to section 34-32-123, C.R.S., of the Colorado Land Reclamation Act.

KNOW ALL MEN BY THESE PRESENTS, that we (I), (John E. Crowley) JC MINERALS LLC, of the County of Douglas, in the State of Colorado, as Principal(s) are (am) held hereby and firmly bound unto the State of Colorado, acting through the Mined Land Reclamation Board in the sum of Two Thousand Dollars (\$2,000.00) for the payment of which sum, well and truly to be made, we (I) hereby bind ourselves, and each of our (my) legal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has filed a Notice of Intent to Conduct Prospecting Operations with the Board on the following premises, indicated on the Notice of Intent filed with the Board, which is attached hereto and thereby incorporated by reference, to wit:

LGPD#2 MC 269321 SW 1/4 of SE 1/4 of SEC 17, T12S, R71W N.M. PM Park, Co
Colorado

NOW, THEREFORE, the conditions of this obligation as such that if the above-bounded Principal shall, in conducting such prospecting operations, faithfully perform the provisions of the Notice of Intent to Conduct Prospecting Operations filed with the Board and the requirements of the plan to implement reclamation measures to reclaim all lands affected by the prospecting operations approved and modified by the Board, relating to the Colorado Land Reclamation Act as amended, and the Rules and Regulations adopted pursuant thereto; upon the Board making a finding that the lands described above have been satisfactorily reclaimed, and approving the Prospector's request for a financial warranty release on such lands, then this obligation shall be exonerated and discharged and become null and void; otherwise to remain in full force and effect.

If this financial warranty applies to National Forest System lands, and if this financial warranty is accepted by the United States Forest Service ("U.S.F.S.") as the bond required under 36 C.F.R. 228.13, then the Prospector, having requested that the Board and the U.S.F.S. accept this single financial warranty in lieu of the separate bonds which would otherwise be required by applicable law, hereby agrees that, notwithstanding any other provision hereof, or of law, this financial warranty shall remain in full force and effect until U.S.F.S. has advised the Board by written notice that the Prospector's obligations to U.S.F.S., for which this warranty is executed, have been satisfied, and until the financial warranty has been released by the Board.

If this financial warranty applies to lands under the jurisdiction of the State Board of Land Commissioners ("Land Board"), and if this financial warranty, in whole or in part, is accepted by the Land Board as the bond required under its applicable law and procedures, then the Prospector, having requested that the State accept this financial warranty in lieu of the separate bonds which would otherwise be required by the Board or Division of Reclamation, Mining and Safety and by the Land Board, hereby agrees that, notwithstanding any other provision hereof, or of law, this financial warranty shall remain in full force and effect until the Board is notified in writing by the Land Board that the Prospector's obligations to the Land Board, for which this warranty is executed, have been satisfied, and until the financial warranty has been released by the Board.

If all or any part of the affected lands are under the jurisdiction of the Bureau of Land Management, United States Department of the Interior (the "BLM"), and if, at the request of the Prospector on this financial warranty, the BLM has, pursuant to 43 C.F.R., 3809.570, accepted this financial warranty then, notwithstanding any other provision of this financial warranty, or of law, the Prospector hereby agrees that this financial warranty shall not be released until the Board is advised in writing by the BLM that the Prospector's obligations to the BLM, for which this warranty is executed, have been satisfied, and until the financial warranty has been released by the Board. The Prospector agrees that this warranty shall also be redeemable by the Colorado State Director, U.S. Bureau of Land Management.

PROVIDED, however, the Warrantor shall not be liable under this financial warranty for an amount greater in the aggregate than the sum designated in the first paragraph hereof, unless increased by a later amendment, and shall not be liable as respects any obligation related to prospecting and reclamation operations performed after the effective date of a cancellation of this financial warranty pursuant to the terms of Section 34-32-117(5), C.R.S., as amended. This financial warranty shall remain in force and effect as respects all obligations for all prospecting and reclamation operations performed prior to the effective date of such cancellation unless the Principal files a substitute financial warranty which: 1) assumes liability for all obligations for all prospecting and reclamation operations performed during the effective date of this financial warranty; and 2) is acceptable to the Board; or unless the Board otherwise releases this financial warranty.

The Warrantor reserves the right to cancel this financial warranty, effective only upon an anniversary date, and only by giving written notice to that effect, mailed by Certified Mail, at least ninety (90) days prior to such anniversary date, addressed to both the Prospector at its address herein stated, and to the Board at the address herein stated. In the event of such cancellation, this financial warranty shall nevertheless remain in full force and effect as respects the reclamation of all areas disturbed prior to the effective date of such cancellation, unless and until the Prospector shall file a substitute financial warranty which: (1) assumes liability for all reclamation obligations which shall have arisen at any time while this financial warranty is in force; and (2) is accepted in writing by the Board.

Signed, sealed, and dated this 28TH day of NOVEMBER, 2018.

JC MINERALS, LLC

Principal

JOHN E. CROWLEY

By

Title

382 McARTHUR DR.

Mailing Address

LONE TREE, CO 80124

Principal

By

Title

Mailing Address

APPROVED:

Division Director

Date

Request for Taxpayer Identification Number and Certification

Give form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)

JOHN E. CROWLEY

Business name, if different from above

Check appropriate box: ☒ Individual/Sole proprietor ☐ Corporation ☐ Partnership
☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶
☐ Other (see instructions) ▶

☐ Exempt
payee

Address (number, street, and apt. or suite no.)

382 McARTHUR DR.

Requester's name and address (optional)

City, state, and ZIP code

LONG TREE, CO 80124

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

354-40-6973

or

Employer identification number

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign
Here

Signature of
U.S. person ▶



Date ▶ 4/28/18

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

Colorado Division of Reclamation, Mining and Safety

November 28, 2018

1313 Sherman St., Room 215

Denver Co 80203

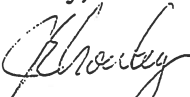
RE: NOI Modification; LGPD2-2; File # p-2015-021

Dear Sir,

Enclosed please find the required documents for modification (additional test pits) for the LGPD2 claim. I have included a check in the amount of \$2000.00 for the financial warranty. I have omitted the affidavit as I am the sole proprietor.

If you have any questions I can be reached at the number or address listed below. Thank you for your time.

Sincerely,



John Crowley

382 McArthur Dr.

Lone Tree, Co 80124

303-601-3534

Division of Reclamation, Mining, and Safety

Fee Receipt for P2015021

JC Minerals LLC
John Crowley
382 McArthur Dr.

Lone Tree

CO 801240000

Receipt #: 27800

Date: 11/29/2018

Permit: P2015021

Payment Method	Revenue Code	Fee Description/Notes	Amount
Check #1212	4300-PMOD	Prospecting Modification Fee User: sdt Payer: John E. Crowley Patricia E. Crowley MD01	\$86.00
Receipt Total:			\$86.00

FROM:
J. CROWLEY (303) 601-3534
382 MCARTHUR DR
LONE TREE CO 80124
US

SHIP DATE: 28NOV18
ACTWGT: 0.60 LB
CAD: 6996127/SSFO1922
DIMMED: 14 X 5 X 1 IN
BILL 3rd PARTY

TO ATT: ELLIOT RUSSEL
COLORADO DIV. RECLAM.
1313 SHERMAN ST RM 215

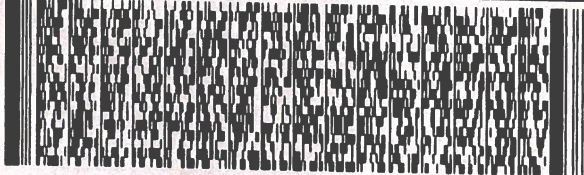
Denver CO 80203

(303) 601-3534

REF:

DEPT:

(US)



FedEx
Ground



AN105180811281J

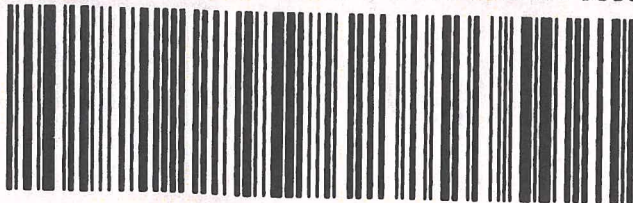
RECEIVED

TRK# 7840 5875 9395 NOV 29 2018

DIVISION OF RECLAMATION,
MINING AND SAFETY

80203

9622 0417 3 (000 000 0000) 0 00 7840 5875 9395



ATTN: ELLIOT
Colorado Div
1313 SHERMAN
Room 215
DENVER CO