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Montana DEQ
Field Services & Technology Section

DEQ
Montana Department of Environmental Quality
Air, Energy & Mining Division

EXPLORATION LICENSE

Pursuant to § 82-4-331 *et seq.* Montana Code Annotated (MCA)

Return via mail: DEQ Mining Bureau
Field Services and Technology Section
2401 Colonial Drive
Helena, MT 59601

Return electronically: DEQSMESandExploration@mt.gov

1. **Exploration License** (*for DEQ use*) # 00907

2. **New Exploration License Application Fee** (*Select One*):

Activities only ***on*** the surface of the land	Activities ***beneath*** the surface of the land (*includes drilling*)	***Both*** on surface and beneath the surface
$1000	$2000	$2000
Cash/Check ☒ Online ☐	Cash/Check ☐ Online ☐	Cash/Check ☐ Online ☐

Payment Online: If you are paying online, you must include a copy of your receipt with this Exploration License Application Package. Please review the online payment instructions.

Payment via Check: Make check payable to: **DEQ Financial Services Office**

3. **Applicant Information**

ENDOMINES IDAHO, LLC
Licensee (Company Name or Individual)

ROBIN HUNT
Primary Contact Person

P.O. BOX 132
Address

ELK CITY, ID 83525
City, State/Province, Zip/Postal Code

208-451-2521 ROBIN.HUNT@ENDOMINES.COM
Phone Email

Robin Hunt
Signature (*Must be signed in front of Notary*)

Notary

Subscribed and sworn to me this 15 day of April, 2026.

Joyce Dearstyne
Notary Signature

Elk City ID
Residency (City, State/Province)

Notary Public for the State/Province of: Idaho

My commission expires: 7/30/2026

Joyce Dearstyne
20202360
NOTARY PUBLIC
STATE OF IDAHO
MY COMMISSION EXPIRES 07/02/2026

EXPLORATION LICENSE

Applicant Principal, Controlling Member, and Business Information

The Department of Environmental Quality requires an exploration license applicant to provide a list of its principals and their corresponding firm or business associations of which the applicant or principal is or was a principal or controlling member and that previously has been issued an Exploration License, Operating Permit, or Small Miner Exclusion Statement under the Metal Mine Reclamation Act. For individual applicants, the applicant may likely also be considered the principal.

- *If the applicant is **not** an individual*:
  - Please provide a list of the principals associated with the organization (See Section 1).
  - Please provide a list of any business associations related to mining and exploration in Montana and the principal/controlling member's roles in that business association (See Section 2).
- *If the applicant **is** an individual*:
  - Please identify the individual under the "Company Principals" table shown below (See Section 1).
  - Please provide a list of any of the individual's business associations related to mining and exploration in Montana and the individual's role in that business association.

(1) COMPANY PRINCIPALS (if applicant is not an individual)

Name	Role
KARI VYHTINEN	CEO
JANI RAUTIO	CHIEF TECHNICAL OFFICER
LOIC SALESSES	V.P. EXPLORATION

(2) COMPANY PRINCIPALS OR CONTROLLING MEMBERS BUSINESS ASSOCIATIONS

Name	Business/Organization	Role (if any)

4. **License Information** (*for DEQ use*):

Date Received: _____ Fee Received: _____

License Issued by: _____ Date: _____
Mining Bureau; Air, Energy, and Mining Division

License is valid from _____ to _____

This license, when executed by the Department of Environmental Quality (DEQ) and the Licensee, shall authorize the Licensee to explore for minerals in the State of Montana, in accordance with and subject to the exploration plan of operations and exploration map submitted with the application for this Exploration License to the extent that the Licensee's exploration activities have been approved by DEQ and with any modifications or conditions agreed upon by DEQ and the Licensee. The Licensee certifies that they shall reclaim any surface area disturbed by mineral exploration activities in accordance with the Montana Metal Mine Reclamation Act (the Act) and Rules and Regulations pursuant to the Act. The Licensee certifies that they are not in default of any reclamation obligations under Title 82, Chapter 4, Part 3, Montana Code Annotated (MCA). **As of July 1, 2025, the fee for a New Exploration License is defined at 82-4-332(1)(a), MCA; fees for Major Amendments are defined at 82-4-342(4); fees for Minor Amendments and Revisions are defined at 82-4-342(2)(c); and fees for Annual Exploration License Renewals are defined at 82-4-331(1)(a), MCA and 82-4-342(2)(c), MCA.**

Excerpts from Title 82, Chapter 4, Part 3, MCA:
"Exploration" means all activities that are conducted on or beneath the surface of lands and that result in material disturbance of the surface for the purpose of determining the presence, location, extent, depth, grade, and economic viability of mineralization in those lands, if any, other than mining for production and economic exploitation; and all roads made for the purpose of facilitating exploration...

"Mineral" means any ore, rock, or substance (other than oil, gas, bentonite, clay, coal, sand, gravel, peat, soil materials, or uranium) that is taken from below the surface or from the surface of the earth...

A person may not engage in exploration in the state without first obtaining an exploration license from the department. A license must be issued for a period of 1 year from date of issue and is renewable from year to year on application. An application for renewal must be filed within 30 days preceding the expiration of the current license and be accompanied by payment of a fee as required for a new license. A license may not be renewed if the applicant for renewal is in violation of any provision of this part. A license is subject to suspension and revocation as provided by this part.

...a person or operator who violates a provision of this part, a rule or order adopted under this part, or a term or condition of a permit ...[or]...any director, officer, or agent of a corporation who willfully authorizes, orders, or carries out a violation of a provision of this part, a rule or order adopted under this part, or a term or condition of a permit [is subject to] a civil penalty of not less than $100 or more than $1,000 for each of the following violations, an additional civil penalty of not less than $100 or more than $1,000 for each day during which the violation continues, and an injunction from continuing the violation. If the violation created an imminent danger to the health or safety of the public or caused significant environmental harm, the maximum penalty is $5,000 for each day of violation. In addition, if any provisions of the Montana Water Quality Act, and/or rules and regulations adopted pursuant to the Act, are violated as a result of the exploration operation, the operator is subject to penalties of up to $25,000 for each day of violation.

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EXPLORATION LICENSE: SUPPLEMENTAL INFORMATION

SECTION A – APPLICATION INFORMATION

Application Type: ☒ New License ☐ Amendment to Existing License (#_____)

1. **Amendment Fee** (*Not Required for New License; Required to amend an existing Exploration License*)

Activities only ***on*** the surface of the land	Activities ***beneath*** the surface of the land (*includes drilling*)	***Both*** on surface and beneath the surface
$250	$500	$500
Cash/Check ☐ Online ☐	Cash/Check ☐ Online ☐	Cash/Check ☐ Online ☐

Payment Online: If you are paying online, you must include a copy of your receipt with this Exploration License Application Package. **Please review the online payment instructions.**

Payment via Check: Make check payable to: **DEQ Financial Services Office**

2. Licensee Name (Person or Company): ENDOMINES IDAHO LLC
3. Date Submitted: _____
4. Contact Name: ROBIN HUNT

   Address: P.O. BOX 132 City: ELK CITY State: ID Zip: 83525

   Phone: 208.451.2521 Email: ROBIN.HUNT@ENDOMINES.COM

NOTE: All official correspondence will be directed to the email provided above.

Authorized Agent: ERIC KLEPFER

Phone: 208.771.1472 Email: ERIC@KLEPFERMINING.COM

NOTE: The exploration license does not convey a right to occupy land not owned by the licensee. A licensee is responsible for obtaining and maintaining a lease or other authorization from the landowner to occupy the land on which the licensee is to conduct exploration activity. The Department of Environmental Quality (DEQ) does not confirm whether the licensee has obtained such authorization and does not resolve any disputes regarding access between a licensee and the landowner.

SECTION B – PROJECT LOCATION

1. Project Name: KEARSAGE EXPLORATION PROJECT
2. County in which the proposed site is located: MADISON
3. Project Coordinates: *(Decimal Degree Only)* Latitude: 45 . 21719 Longitude: 111 . 93173
4. Landowner: [X] Private [ ] BLM [ ] USFS [ ] DNRC/State [ ] Other

   Contact Name: JOHN MAGNUS — MOEN FAMILY TRUST

   Phone: 406-842-5591 — Email: 406-843-5342

SECTION C – PROJECT TIMELINE

1. Proposed Start Date of Exploration: 7-1-2026 Proposed End Date of Exploration: 7-1-2027
2. Proposed Start Date of Reclamation: 9-1-2026 Proposed End Date of Reclamation: 8-31-2027

NOTE: Final reclamation of all surface disturbances would be required to be completed no later than 2 years following the conclusion of exploration unless otherwise incorporated into an Operating Permit.

3. Hours of Operation:

   Shifts per Day: 2 Hours per Shift: 12 Total Hours per Day: 24

   Total Days per Week: 7 Additional Information:

SECTION D – MAPS

1. **Refer to Map Guideline for further information:** https://deq.mt.gov/mining/assistance
2. **General Location Map (Required) –** The intent of this map is to provide a map showing the location of the proposed operation sufficient to allow the public to locate the proposed site. The General Location Map may be displayed on an aerial or topographic background and must show the site's location in relation to the nearest town or city. Roads must be labeled from the nearest town to the site on the General Location Map.
3. **Project Map (Required) –** The intent of this map is to show the location of the proposed project with an aerial background. The map must be at a scale to adequately display the features of the project. The Project Map must display all project disturbances including but not limited to:
   a. New roads
   b. Overland travel routes
   c. Label all Trenches
   d. Label all Portals
   e. Label all Drill Pads
   f. Sump Locations (if outside of drill pad footprint)
   g. Buildings (existing, proposed and temporary)
   h. Camp Area
   i. Lay down/loadout area
   j. Fuel Storage Area
   k. Water Crossings
   l. Other features pertinent to the project

NOTE: Provide as many Project Maps as necessary to depict the proposed area(s) at a viewable/readable scale.

SECTION E – EXPLORATION METHODS AND DESCRIPTION

1. Exploration Methods (check all that apply):

   ☒ Drilling ☐ Trenching ☐ Placer ☐ Underground

   ☐ Other (describe): _____

2. Volume of Material to be tested: NA

3. Description of Project:

SEE ATTACHED

SECTION F – PROJECT QUANTITIES AND DIMENSIONS

1. **Exploration Drilling:**

   a. **Drill Pads**

      i. Quantity: 14 Length (ft): 50 Width (ft): 30 Depth (ft): —

   b. **Internal Drill Sumps**

      i. Quantity: 14 Length (ft): 15 Width (ft): 6 Depth (ft): 8

   c. **External Drill Sumps**

      i. Quantity: _____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

   d. **Drill Holes**

      i. # Holes per Pad: _____ Total # Drill Holes : 16 Maximum Depth (ft): 1,400

      ii. Total depth of all drill holes (ft): _____

      iii. Please complete and include a EXPLORATION LICENSE: DRILLING PROGRAM APPENDIX

NOTE: The maximum drill hole depth will be used in the assessment of environmental impacts of the proposed project. Exceedance of this depth may require a new amendment and MEPA review. It is recommended that operators overestimate the maximum depth drilled to avoid unnecessary impacts to drilling operations.

2. **Other Surface Disturbances:**

   a. **Trenches/Test Pits**

      i. Quantity:_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

   b. **Waste Rock Stockpiles**

      i. Quantity:_____ Length (ft): _____ Width (ft): _____ Volume (yd^3): _____

   c. **Laydown Area**

      i. Quantity:_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

   d. **New Roads**

      i. Length (ft): 865 Width (ft): 35 Depth (ft): - 0.70 ACRES

   e. **Overland Travel**

      i. Length (ft): _____ Width (ft): _____ Depth (ft): _____

   f. **Culverts**

      i. Quantity:_____ Length (ft): _____ Diameter (in): _____

   g. **Slash Piles**

      i. Quantity:_____ Length (ft): _____ Width (ft): _____ Height (ft): _____

   h. **Heli-Pads**

      i. Quantity:_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

   i. **Camping Area**

      i. Length (ft): _____ Width (ft): _____

      ii. Arrival Date: _____ Departure Date:_____

      iii. List all vehicles, tents, etc. located in the camping area:_____

      _____

   j. **Ponds**

      i. Quantity:_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

   k. **Portals**

      i. Height (ft):_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

      ii. Height (ft):_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

      iii. Height (ft):_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

   l. **Other (please describe)**

      Quantity:_____ Length (ft): _____ Width (ft): _____ Depth (ft): _____

      _____

SECTION G – PROJECT OPERATIONAL ELEMENTS

1. **Equipment and Vehicles- What equipment will be on site during exploration and reclamation?**

   a. Drill Rig(s) Quantity: 1 Make: CORE RIG Model: PENDING

   b. Water Trucks Quantity: 1 Make: 500 GAL Model: _____

   c. Fuel Trucks Quantity:_____ Make: _____ Model: _____

   d. Excavators Quantity: 1 Make: CAT Model: 300

   e. Bulldozers Quantity:_____ Make: _____ Model: _____

   f. Backhoes Quantity:_____ Make: _____ Model: _____

g. Haul/Dump Trucks Quantity:_____ Make:_____ Model:_____

h. Skid Steers Quantity: 1 Make: CAT Model: 272 D

i. ATV/UTVs Quantity: 2 Make:_____ Model:_____

j. Generators Quantity:_____ Make:_____ Model:_____

k. Wash Plants Quantity:_____ Make:_____ Model:_____

l. Conveyors Quantity:_____ Make:_____ Model:_____

m. Personal Vehicles Quantity: 5 Make: 3/4 TON Model:_____

n. Other Quantity:_____ Make:_____ Model:_____

2. Structures- Identify any temporary structures that would be on site during exploration and reclamation.

o. Core Sheds Quantity:_____ Size:_____ Description:_____

p. Connex/Containers Quantity:_____ Size:_____ Description:_____

q. Campers/Trailers Quantity:_____ Size:_____ Description:_____

r. Tents Quantity:_____ Size:_____ Description:_____

s. Saw Shacks Quantity:_____ Size:_____ Description:_____

t. Warehouses Quantity:_____ Size:_____ Description:_____

u. Portable Toilets Quantity: 1 Size:_____ Description:_____

v. Water Pumps Quantity:_____ Make:_____ Model:_____

3. Fluid Storage/Transport- Identify any fluid storage containers or transport lines that would be on site during exploration and reclamation.

w. Large Fuel Tanks Quantity:_____ Capacity (gal):_____

x. Small Fuel Containers Quantity:_____ Capacity (gal):_____

y. Water Tanks Quantity: 2 Capacity (gal): 500 GAL ea BLADDERS

z. Water Lines Length (ft):_____ Diameter (in):_____

4. Onsite Personnel- Identify the person(s) associated with the project and their position/duties.

a. Position: PENDING - PROVIDED Quantity:_____

b. Position: IN FUTURE PRIOR TO Quantity:_____

c. Position: COMMENCING ACTIVITIES Quantity:_____

d. Position:_____ Quantity:_____

e. Position:_____ Quantity:_____

f. Position:_____ Quantity:_____

g. Position:_____ Quantity:_____

h. Position:_____ Quantity:_____

i. Position:_____ Quantity:_____

5. Water- Would water be used in the operation? Provide source and daily consumption details.

a. Natural Spring

i. Latitude: 45.2822 Longitude: -111.9413 Section/Twp/Rge: T6S, R3W, SEC 26

b. Stream/Pond/Lake Take-Point

i. Latitude: _____ Longitude: _____ Section/Twp/Rge: _____

c. Domestic Water Well

i. Ground Water Information Center ID#: _____

ii. Completion Date: _____

iii. Total Depth (ft): _____

iv. Static Water Level (ft): _____

v. Yield (gpm): _____

d. Daily Water Usage (gallons/day): 20,000

6. Supplemental Lighting- would supplemental lighting be required during exploration or reclamation operations?

a. Type of lighting to be used (describe): DRILL RIG AREA WORK LIGHT

i. Hours of Operation: DUSK to DAWN

b. Light pollution controls to be used:

- [x] Downward Facing Lights
- [ ] Light Shrouds/Shields
- [ ] Directional Lighting
- [ ] Motion Sensors
- [ ] Automatic Timers
- [ ] Other

7. Air Quality- Identify measures proposed to minimize impacts on air quality.

Proposed Best Management Practices (BMPs):

- [x] Application of water to roads
- [ ] Factory Emissions Controls
- [ ] Controlled slash burning
- [ ] Reduce speed while traveling
- [ ] Reduced traffic volume
- [ ] Other: _____

8. Erosion Control- Identify measures proposed to control erosion and sediment transport.

Proposed Best Management Practices (BMPs):

- [x] Vegetated Buffers
- [ ] Temporary Seeding
- [ ] Mulch Cover
- [x] Earthen Berms
- [ ] Water Diversions
- [ ] Surface Roughening
- [ ] Plastic Liners
- [ ] Secondary Containment
- [ ] Straw Wattles
- [x] Silt Fence
- [ ] Spill Prevention/Response
- [ ] Sediment Traps

9. Solid Waste- Describe plan to store and control solid waste.

a. Trash Cans/Dumpsters: Quantity: 1 Capacity (yd^3): _____

b. Disposal Facility: Name: LOCAL PROVIDER City: VIRGINIA CITY

10. Historic and Archaeological Resources- Describe any measures that would be taken to reduce the impact to any historic and archeological resources that may be encountered. _____

SEE ATTACHED SHEETS

11. Hazardous Substances- Identify the type, volume, and storage of all hazardous materials and toxic substances which would be on site during exploration and reclamation operations;

a. Petroleum Products

i. Diesel Fuel: Quantity: 1 Capacity (gal): 50

ii. Gasoline: Quantity: 2 Capacity (gal): 5 EACH

iii. Lubricants: Quantity: 2 Capacity (gal): 5

iv. Other: Quantity: _____ Capacity (gal): _____

Note: BMPs proposed to prevent the release of petroleum products to the environment:

☐ Spill Kits ☐ Regular Equipment Maintenance ☒ Secondary Containment

b. Solvents

i. Brake Cleaner: Quantity: _____ Capacity (gal): _____

ii. Carb Cleaner: Quantity: _____ Capacity (gal): _____

iii. Degreaser: Quantity: _____ Capacity (gal): _____

iv. Other: Quantity: _____ Capacity (gal): _____

Note: BMPs proposed to prevent the release of solvents to the environment:

☐ Spill Kits ☐ Proper and Secured Storage ☐ Secondary Containment

c. Cyanide: NA

d. Millings: NA

e. Process and laboratory reagents: NA

f. Explosives: NA

g. Other: _____

SECTION H – RECLAMATION

1. Weed Control Plan

a. Describe how noxious weeds would be controlled during exploration operations: SEE ATTACHED SHEETS

b. Describe how noxious weeds would be controlled after reclamation: SEE ATTACHED SHEETS

2. Reclamation Plan

a. Describe ongoing reclamation that may occur during exploration operations: SEE ATTACHED SHEETS

b. If proposed work spans multiple operating seasons, describe "end-of-season" reclamation: SEE ATTACHED SHEETS

c. Describe final reclamation of the site: SEE ATTACHED SHEETS

d. Describe any surface disturbance or structures that would remain unreclaimed at the request of the landowner: NA

DEQ
Montana Department of Environmental Quality

Air, Energy & Mining Division

EXPLORATION LICENSE: DRILLING PROGRAM APPENDIX

If an exploration drilling program is proposed, the applicant must provide a spreadsheet detailing the GPS coordinates in Decimal Degrees of all Drill Pad(s) and Drill Hole location(s). Coordinates must include five digits to the right of the decimal point. Depths of all Drill Holes must be included.

DRILL PAD I.D.	DRILL PAD COORDINATES (Decimal Degree Lat/Long)	DRILL HOLE I.D.	DRILL HOLE COORDINATES (Decimal Degree Lat/Long)	MAXIMUM DRILL DEPTH (FEET)
	SEE ATTACHED SHEET			

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KMS
KLEPFER MINING
SERVICES LLC

Project Management, Engineering, and Environmental Services

April 21, 2026

Mr. Eric Dahlgren
Bureau Chief
Mining Bureau
Montana Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620

Re: Kearsage Exploration Project Application

Dear Mr. Dahlgren:

This letter is written on behalf of Endomines Idaho LLC regarding an exploration permit application.

Please find attached an exploration permit application and supplemental information for the Kearsage Exploration Project.

KMS will be the primary contact regarding this permit application. Robin Hunt, Site Administrator, has signed and notarized the application.

Enclosed is a $1,000 check for surface exploration activities.

Should you have any questions, please contact me at eric@klepfermining.com or the number below.

Regards,

Eric Klepfer

Eric Klepfer

cc: Endomines Idaho LLC

Enclosures: Forms: Exploration License and Supplemental Information

Office: 30959 N. Riffle Road, Spirit Lake, Idaho 83869
PH: 208.771-1472 www.klepfermining.com

Endomines Idaho LLC

Kearsage Exploration Project

Montana DEQ
Exploration License

Prepared for:

Endomines Inc.

Prepared by:

KMS
KLEPFER MINING
SERVICES LLC

Project Management, Engineering, and Environmental Services

April 21, 2026

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Table 1: Drill Pad/Drill Holes
Table 2: Proposed Disturbance

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Figure 1: General Project Location
Figure 2: Project Map

Kearsage Exploration Project~Exploration License

1.0 Introduction

Endomines Idaho LLC (Endomines) is proposing to complete exploration drilling on the Kearsage Exploration Project (Project) located south of Virginia City, MT.

2.0 General Information

Endomines holds mineral lease agreements with the landowner.

Applicant

Endomines Idaho LLC
P.O. Box 132
Elk City, ID 83525
208-451-2521
Robin Hunt – Site Administrator

EIN: 82-4876650

Authorized Agent

Klepfer Mining Services, LLC will be assisting Endomines with the permitting process with the Montana DEQ.

Klepfer Mining Services, LLC
30959 N. Riffle Road
Spirit Lake, ID 83869

208-771-1472 Cell
Email: eric@klepfermining.com

2.1 Project Information

The Project is located in Madison County, Montana. More specifically the Project is in portions of:

Section 14, and 23, T07S R03W

Figure 1 shows the general location of the Project and **Figure 2** shows the project map.

2.2 Project Duration

Endomines proposes an Exploration Plan to complete the activities within a 2-year period. The exact timing of work will be dependent on when the approval is received, and actual work commences. Work will be seasonal and no winter drilling is anticipated; however, if weather allows, work may occur during winter.

3.0 Project Description

Endomines is proposing to initiate limited exploration drilling activities at the Kearsage Exploration Project. Exploration activities will involve a small drill program.

The location of the Project area and planned activities are shown in **Figures 1 and 2**.

3.1 Access

The Project is located in Alder Gulch. There are existing roads on the property that most of the drill sites will be located on. All existing roads are private roads; Alder Gulch Rd. is a county road. Some drill holes will require a small number of new roads to be constructed.

3.2 Surface Disturbance

Endomines plans to use existing roads to access the drill pads. There are 16 drill holes planned on 14 drill pads. The exploration activities will include construction of drill pads and use of existing roads and construction of new roads to access drill sites.

- Existing Private Roads – These roads are old mining and exploration roads and will only require brushing and grading.
- New Temporary Roads – These are new roads to be constructed for access. Full reclamation is required upon completion of their use.

There are 14 proposed drill sites. The coordinates for these sites are shown in **Table 1.** Each dill pad will be field fit to minimize construction costs and disturbance acreage.

Endomines anticipates the size of a typical drill pad to be approximately 1,500 square feet (+/-) of working space. Topography at each drill site will vary and it is Endomines intent to build the

smallest pad that will provide the appropriate safe work area for the drill to minimize disturbance and pad construction costs. Because this is early-stage exploration, orientation of the drill rig is not fully defined and could vary.

An estimated disturbance of 0.15 acres for each pad was used. In some areas, due to the different topographic characteristics, the disturbance may be slightly higher and in others it will be lower. **Table 2** provides the estimated disturbance as proposed.

Table 1: Drill Pad/Drill Holes

Drill Pad ID	Point ID	Latitude (DD)	Longitude (DD)	Max. Drill Depth (ft)
DP-01	KER-001	45.215814	-111.935563	900
DP-02	KER-002	45.216046	-111.936082	1,040
	KER-003	45.216052	-111.936095	1,260
DP-03	KER-004	45.216263	-111.934517	860
DP-04	KER-005	45.216518	-111.935136	1,100
	KER-006	45.21652	-111.935131	1,300
DP-05	KER-007	45.216915	-111.933993	1,000
DP-06	KER-008	45.217545	-111.933451	700
DP-07	KER-009	45.214899	-111.935601	940
DP-08	KER-010	45.215171	-111.936229	1,200
DP-09	KER-011	45.215364	-111.936669	1,400
DP-10	KER-012	45.214109	-111.935826	900
DP-11	KER-013	45.213426	-111.936313	800
DP-12	KER-014	45.219949	-111.931041	500
DP-13	KER-015	45.220345	-111.930839	500
DP-14	KER-016	45.219587	-111.931198	500
Total Footage				**14,900**

Table 2: Proposed Disturbance

Disturbance	Number or Feet	Acres
Drill Pads (0.15 acre/pad)	14	2.1
Existing Road (10 ft wide)	10,632	0.24
New Roads (35 ft disturbance width)	865	0.70
Total Disturbance		3.04

Table 2 reflects the use of existing roads and minor rehabilitation required at the conclusion of exploration.

3.2.1 Drill Pad Disturbance

Drill pad areas are required to provide a relatively level surface to set up the drill rig as well as provide space to store equipment and supplies needed for drilling. All drill pads are located on existing roads. The road prism will also be used as the laydown area. A disturbance area (drill pad) of approximately 1,500 square feet (0.15 acres) is planned and will remain in the existing road prism. This amount was subtracted from the disturbance created by construction of a drill pad.

Drill site locations may vary up to 50 feet from the proposed location.

Sumps will be constructed within the drill pad site and will be approximately 6 feet wide x 15 feet long x 8 feet deep.

Endomines plans to use NQ and HQ diameter core drilling for exploration. The drill rig, drill rods, portable bladder, stock tanks for mixing drill mud and ancillary equipment will be located on the drill pad area.

See **Figure 2** for locations of the proposed drill holes.

3.2.2 Staging Areas

Staging areas will be the roadway surrounding the drill pad or established parking areas near site buildings.

3.2.3 Water Source

Water for the Project will come from Endomines' US Grant Project. Water will be trucked to the site for drilling and dust control. Approximately 20,000 gallons per day will be required to support exploration activities.

3.3 Equipment and Operation Information

Endomines will be using various pieces of equipment to support drilling. The planned equipment list includes:

- Core Drill – Standard highway truck or equivalent no larger than 10 feet width
- Power Pack – Drill Core – Typically 3 feet by 10 feet
- Portable Rod Storage – Typically 5 feet by 11 feet
- 2 ATVs
- 4-5 Pickup Trucks
- Water Truck – 500 Gallon
- 2 - Water Bladder – 500 Gallon
- Skid Steer Loader/Forklift – Cat 272D

Equipment could operate up to 24 hours per day 7 days per week during the drilling season. The drill used will be a small truck mounted or similar core rig which will be based on availability at the time the Project is approved.

Crews will construct drill platforms, where needed, using a track excavator or small-wheeled backhoe.

Drilling will be conducted as two twelve-hour shifts.

To limit the spread of noxious weeds; prior to mobilizing equipment to the site, the operator will clean all equipment (tracked or wheeled) off site.

All motorized equipment will have working mufflers to minimize noise and spark arresters to minimize potential ignition of a wildland fire. Electrical equipment must be properly insulated. Adequate fire protection is required and includes at least one handheld implement (e.g. shovel, ax) per person and one fire extinguisher and/or backpack sprayer per vehicle.

Two enclosed equipment trailers may be used by the drill contractor to store tools and supplies to conduct equipment repairs.

One portable sanitary commode will be on site at all times and will be moved as needed to be in close proximity to drilling activities.

3.4 Personnel

The number of people involved with the Project will be limited to the drill crew, geologist, and occasional corporate or consulting staff. The drill crews as well as other Project staff will commute daily from town.

3.5 Seasonal Closure

Seasonal closure for the Project will occur at the end of the first season (Mid-November or earlier depending on snow); winter operations are not being planned but may occur if weather conditions permit later season continuation of drilling or early start dates. Prior to demobilization, all consumable material and other items will be removed. Any equipment brought to the site by contractors will also be removed.

4.0 Environmental Protection Measures

The following section outlines proposed measures to mitigate and minimize environmental impacts from the planned exploration activities.

4.1 Air Quality

Only small diesel engines associated with the power pack from the drill rigs will be operating on the Project site. These are small horsepower engines with very small emission rates.

4.2 Solid Waste

Solid waste generated at the Project will primarily include packaging and other typical solid wastes. These materials will be removed from the site on a regular basis and disposed of in a designated facility.

Sanitary services will be contracted to a local firm; one portable sanitary commode will be on site during operations.

4.3 Noxious Weed Management

Washing of equipment prior to bringing it to the site will be completed to minimize the spreading of weeds through dirt and debris on equipment from another location. In addition, Endomines will review each reclaimed site annually for 3 years and treat weeds on the disturbed areas as needed.

4.4 Regulated Material

Regulated materials necessary for drilling are limited to diesel fuel, antifreeze, lubricants, gasoline, and drilling fluids. No additives are anticipated but if they are used, they will be biodegradable and will not cause environmental impacts when used in accordance with manufacturer's directions.

Best Management Practices may include:

- Contain all drilling fluids and drill cuttings in tanks
- Utilize secondary containment for fuel and petroleum products which can contain 110 percent of the total content of the largest container

- Maintain spill kits on site to respond to accidental spills
- Spills equaling more than five gallons will be reported as required by state regulations.
- Maintain necessary fire prevention tools on-site to include several heavy-duty fire extinguishers, buckets, shovels, and spark arrestors

4.5 Cultural/Historical

All planned activities are either on existing roads or adjacent to existing Project activities. Therefore, the potential for cultural or historical resources are limited. If, during pad construction, items are discovered, contact will be made to the landowner. Endomines will work with the landowner to determine the appropriate measures to implement.

5.0 Reclamation

Endomines will complete concurrent reclamation on drill pads as drilling is completed. Under this approach, it is likely that one drill pad will remain un-reclaimed at the close of the season. Since the drill pads are all located on existing roads, limited reclamation is required.

The drill site will be regraded where needed to properly re-establish the road running width. Areas of disturbance related to drill pads that extend beyond the road prism will be regraded and seeded.

Drill holes will be plugged at the completion of each hole and prior to the drill rig relocating to the next drill site. Holes will be plugged in accordance with Montana DEQ regulations 17.24.106 Exploration Drill Hole Plugging. Drill holes that encounter groundwater will be filled with swelling bentonite clay to prevent possible cross-contamination of aquifers and the upper 5-10 feet of each hole plugged with cement. If the drill hole is dry, the drill hole will be grouted from the bottom of the drill hole to 5-10 feet from the top then a cement plug will be installed.

All drill equipment and supplies will be removed from the site prior to initiating reclamation activities.

Broadcast seeding of the area will be accomplished using a seed mixture acceptable to the landowner.

Endomines will work with the DEQ to determine the bond amount required.



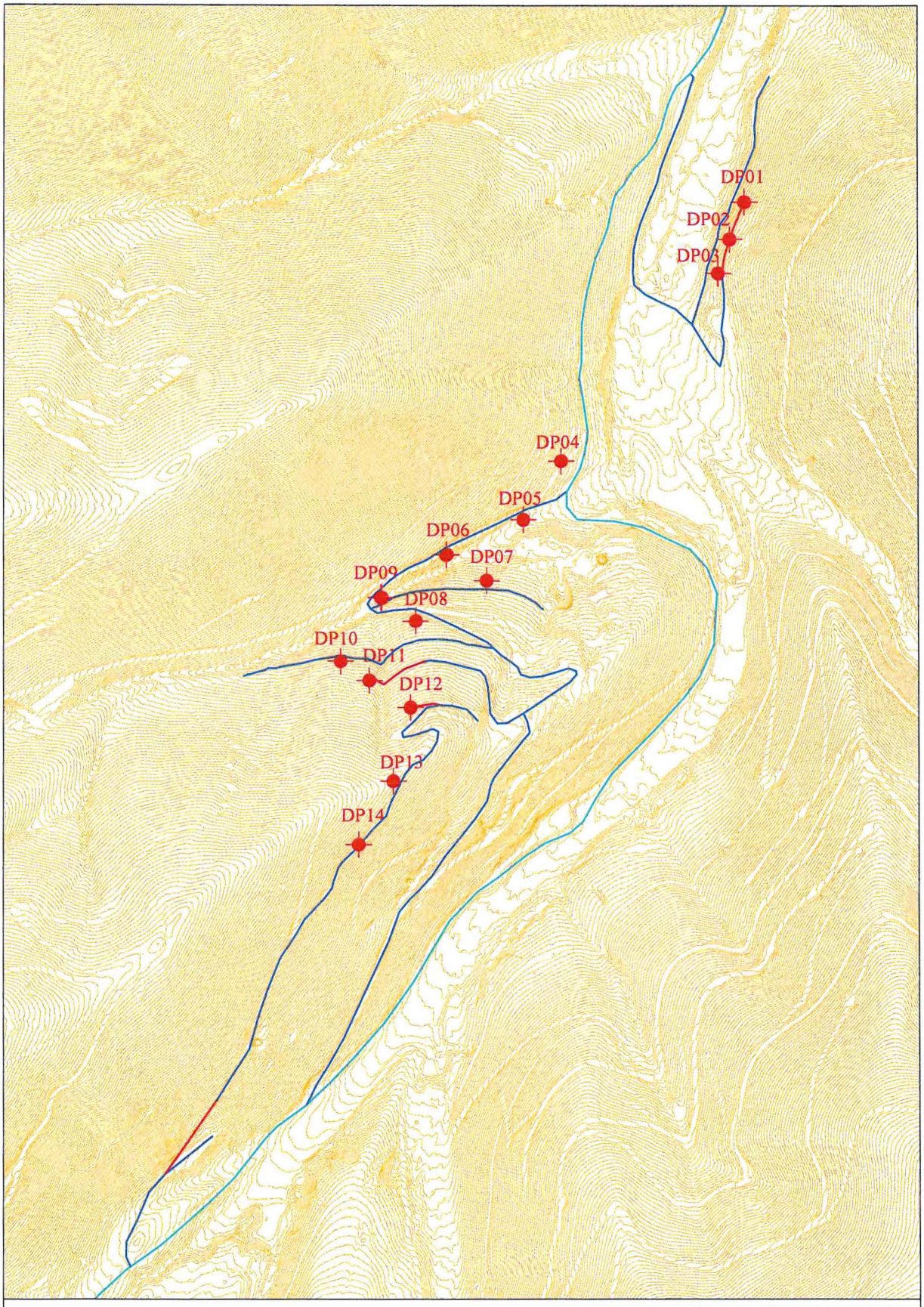
Legend

General Project Location

N

0 1250 2500 5000 Feet

Kearsage Exploration Project		
KMS KLEPFER MINING SERVICES LLC	Exploration License	Figure 1
	Endomines Inc.	
DRAWN: MK	General Project Location	
SCALE: 1:2500		
DATE: March 26	Madison County, Montana	



Legend

- Drill Pads
- Alder Gulch Rd
- Spur Roads
- New Roads

N

0 175 350 700 Feet

Kearsage Exploration Project		
KMS KLEPFER MINING SERVICES LLC	**Exploration License**	**Figure 2**
	Endomines Inc.	
DRAWN: MK	Project Map	
SCALE: 1:350		
DATE: March 26	Madison County, Montana	