

MINE CONTACT REPORT FORM

Date of Call: _____ **Date of E-mail:** 04/06/25
Telephone call to: _____ **DENR Employee Contacted:** Roberta Hudson
Operator Contacted: Jeff Hrncir
Company: Lion Rock Resources (SD) Inc
Telephone: _____
Staff Signature: \s/

On April 6, 2025, Jeff Hrncir provided the procedural completeness items provided to him by email on March 24 and 25, 2025. Below is the email for the submittal.

From: Jeff Hrncir <jeff@rsdcapital.com>
Sent: Sunday, April 6, 2025 9:18 PM
To: Hudson, Roberta <Roberta.Hudson@state.sd.us>
Subject: [EXT] Revised Lion Rock Volney EXNI materials

Hello Roberta,

I have attached the items requested for the EXNI, including:

- 1) Revised text sections of the EXNI application and Reclamation Plan reflecting the change in status of a large portion of the proposed access trails that although exist as former trails, are not presently accessible to mechanized vehicles and will need to be modified/disturbed and thus, reclaimed after exploration activities.
- 2) A letter outlining corporate structure and signatories from the CEO
- 3) A modified project map with the 1/2 mile buffer, all known water wells, and a surface stock reservoir
- 4) The actual option agreement signed with Tinton Partners. Several sections refer to reclamation, so please review and if further documentation with Tinton Partners regarding reclamation obligations is required, we will get that to you.

FYI, I checked field conditions today and there was still around 2 feet of snow on the property. I will check every week and let you know in advance of the possible May 1 site visit.

Best regards,
Jeff Hrncir

Department of Agriculture and Natural Resources
Minerals, Mining, & Superfund Program
523 East Capitol Avenue
Pierre, South Dakota 57501-3182
605 773-4201; Fax: 605 773-5286

**NOTICE OF INTENT TO CONDUCT
MINERAL EXPLORATION OPERATION
(Excluding Uranium)**

RECEIVED

Pursuant to SDCL 45-6C

Apr 7, 2025

MINERALS, MINING, &
SUPERFUND PROGRAM

Operator's name: **Lion Rock Resources (SD) Inc.**

Mailing Address: **912 Main Street
Sturgis, SD 57785**

Telephone: **605.786.5679**

Resident agent (if out-of-state corporation):

Resident agent address:

Telephone:

Legal description of area to be explored by Section, Township, and Range:

**Portions of Sections 19, 30
Township 5 North, Range 1 East
Black Hills Meridian**

County:

Give a brief description of the type of exploration to be conducted. Include a list of all minerals to be explored and a description of methods (e.g. drill rig type, number of holes to be drilled, number of drill pads to be constructed, proposed depth for each test hole, length of existing access roads and/or new access road construction).

Lion Rock Resources will explore for potential hardrock lithium and gold deposits within the proposed project area, located on private patented lands. Exploration test hole drilling will be completed using skid-mounted diamond core drilling methods/drill rigs. The likely drill will be a Drillco MDS 1500 clean-tech advanced technology drill. The project would include up to 78 exploration test hole drill pad sites (drill pads) on both previously disturbed lands that include existing roads and/or trails, areas disturbed by construction and logging activities and disturbed lands accessed by proposed new exploration drill trails in the project area. The drill pads that are constructed will measure approximately 100 feet x 100 feet, occupying approximately 0.23 acres each, for a total of 17.94 acres. There are approximately 469 linear feet of new access trail development proposed as part of this project on previously undisturbed lands totaling approximately 0.11 acres. Existing roads and trails (approximately 34,200 linear feet) within the project area would be utilized for access to the proposed exploration drill pad locations, including approximately 12,740 linear feet of existing trails requiring renovation for access during exploration. Exploration test hole drilling from these 78 drill pads will be drilled mostly azimuth, although some vertical drilling may occur, and up to a depth of approximately 4,000 feet in vertical depth, with the possibility of multiple (up to a maximum of 8) exploration test holes from each drill pad. The amount of drilling will depend on project results. The preferred core diameter for drilling will be NQ (1.88 inches or 47.6 mm). The project will utilize a staging area, approximately 0.75 acres in size to store equipment and tools that will be located in a graded area disturbed by previous construction activities.

Date exploration will commence: Immediately following approval of this EXNI.

What legal authority does the operator have to conduct exploration on the above-described land? Include a copy if available.

☐ Deed ☒ Lease ☐ US Forest Service Permit ☐ Pending US Forest Service Permit ☐ Other

Will the operator conduct uranium exploration? ☐ Yes ☒ No If yes, a permit pursuant to SDCL 45-6D must be obtained.

INSTRUCTIONS:

Please reference SDCL 45-6C. This Notice of Intent must be accompanied by:

1. A plan of reclamation pursuant to Section 8.
2. A topographic map pursuant to Section 9.
3. A fee of \$250 payable to the Department of Agriculture and Natural Resources pursuant to Section 17.
4. A surety in an amount to be determined by the department pursuant to Section 19.
5. Any written landowner consultations giving alternative preferences for the reclamation of the affected land pursuant to Section 16.
6. A Certificate of Notification and Negotiation with Surface Owner/Surface Lessee form if surface and mineral interests are severed.

Applicant affirms that the surface owner has been notified of the proposed mineral development and that said surface owner is aware of his rights to compensation for damages to property pursuant to SDCL 45-5A. Applicant hereby affirms that the mineral exploration will be conducted pursuant and subject to the provisions of SDCL 45-6C, and all regulations promulgated thereunder, that he will grant access to the SD Board of Minerals and Environment or its agents to the area under notice from the date of the notice and thereafter to assure compliance with the provisions of SDCL 45-6C.

I declare and affirm under the penalties of perjury that this claim (petition, application, information) has been examined by me, and to the best of my knowledge and belief, is in all things true and correct.

Signature Jeffrey Hrnir
Title: Exploration Manager

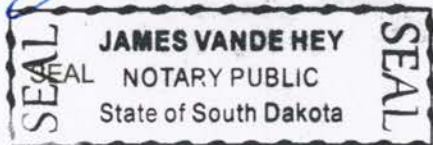
Date: March 17, 2025

STATE OF South Dakota
COUNTY OF Lawrence

On this 17 day of March, 2025, before me personally appeared Jeffrey Hrnir, who acknowledged himself to be the Exploration Manager (Title) for Lion Rock Resources (SD) Inc. and that he is authorized to execute the Notice of Intent for the (Operator) purposes contained therein.

[Signature]
Notary Public

My Commission Expires: March 14, 2030



FOR DEPARTMENT USE ONLY

DATE APPROVED: BOND AMOUNT: EXNI NUMBER:

Chairman, SD Board of Minerals & Environment

In preparing this reclamation plan, please address each item in detail, referencing SDCL 45-6C-8 and 45-6D-9. Please refer to the reclamation standards outlined in SDCL 45-6C-27 through 45-6C-34, SDCL 45-6D-33 through 45-6D-39, and the state's hole plugging regulations as detailed in ARSD 74:11.

1. Describe the type of reclamation the operator proposes to achieve in the reclamation of the affected land.

Lion Rock Resources and all associated contractors in the exploration drilling program will strive to minimize any surficial impacts caused by the program. The majority of proposed exploration drill platform locations are located in areas previously disturbed by construction, logging, ranching and other activities. At proposed drilling platform locations in undisturbed areas, operations would include the removal of existing topsoil (where necessary), stockpiling and reshaping, and interim reseeding of the topsoil. Such stockpiles would be utilized for future reclamation of the platform site. Topsoil stockpiles would be created in areas without potential runoff and clearly marked. In certain circumstances where erosion of the topsoil stockpile may occur in areas of high slopes, the collected topsoil may be covered. Best management practices (BMP's) would be implemented in newly disturbed areas for potential erosion control and sedimentation pursuant to SDCL 45-6C-32, including the installation of wattles, straw bales, berms, etc. Exploration drill pad sumps would be located on the uphill side of the exploration drill pad where feasible and construction will include installation of a sump liner system to retain liquids at the drill pad location. Safety fencing will be installed around the sumps for safety purposes of working personnel and prevention of wildlife from entering the sumps. As a precautionary measure, means will be implemented in the sump to allow any wildlife to exit the sump if needed. Areas where exploration drill pads (up to 78 totaling approximately 17.94 acres) and new exploration drill trails (up to 469 feet totaling approximately 0.11 acre) are constructed would be reclaimed following completion of exploration drilling activities. For exploration drilling activities on existing roads and motorized trails totaling up to 21,460 feet covering approximately 7.85 acres, no reclamation activities would occur. An additional network of existing, but old and overgrown roads and trails will be utilized for access to pad locations but will require new disturbance to make them useable and total a further 12,740 linear feet covering approximately 2.92 acres. Areas of new disturbance would be regraded and recontoured to original conditions as necessary. Sump liners would be folded in place and punctured and the entire sump area backfilled with native materials, ensuring burial of drill solids. Following these activities, stockpiled topsoil will be placed over the entire drill pad site and seeded with the recommended reclamation seed mixture. Once the exploration drill pads are reclaimed, the area of the exploration access trails (both newly created and pre-existing modified) would then be reclaimed. Overly compacted areas at the exploration drill platforms, turnarounds, and temporary exploration access trails not located on a pre-existing roadbed will be roughed up mechanically to minimize future erosion of restored topsoil and enhance seeding viability. Reclamation of one site would be conducted concurrent with drilling activities at a different site. Reclamation activities such as regrading and seeding may be dependent on weather conditions, particularly during wetter and/or winter months to eliminate the potential for excessive rutting on access roads. Any sustained seasonal closure of a work site will be preceded by stabilization designed to prevent unintended erosion when the site is not in use.

2. Provide a proposed timetable for seeding and replanting indicating when and how the reclamation plan will be implemented. Such timetable shall be developed in consultation with the County District Conservationist as to the nature of the soils and native vegetation in the area of the proposed operation. These recommendations shall be followed, if any are provided, and copies of all correspondence shall be provided to the Department.

All reclamation processes, seed mixtures, seasonal constraints and suggestions, timing and guidance will be based on the best practices outlined in South Dakota NRCS Conservation Practice Standards, Critical Area Planting Code 342 and local NRCS requirements and recommendations, per 45-6C-16, as well as consultation with the surface owners of the property being explored. Reclamation reseeding will take place after recontouring and regrading of disturbed areas is completed and any stockpiled topsoil has been returned

to the site. Seedings would be performed using effective seeding methods (such as a grass seed broadcaster) on a clean, smooth weed-free seedbed during the fall and/or early spring, but not to exceed six months after termination of reclamation activities. Lion Rock would control noxious weed growth on newly disturbed areas impacted by exploration activities throughout operations of the project and for a period of one year post-reclamation. Weeds would be clipped and/or sprayed by a licensed applicator to ensure they do not outcompete the desired seeding. Work vehicles that access drill sites will be periodically cleaned to prevent noxious weed spread. If mulches are used, they will be certified as noxious weed-free. All straw wattles used to reduce soil erosion during exploration activities would be composed of certified weed-free straw. Additional reseeding would be performed in the reclaimed sites if the initial reclamation is not successful. The seed mixture to be utilized consists of local native species and was developed in consultation with the local Natural Resources Conservation Service (NRCS) office. Consultation with NRCS was completed between 2/10 and 2/21/2025 for this project. A copy of the recommended reclamation seed mixture by the local NRCS office is attached to this EXNI.

3. Describe how the reclamation plan will rehabilitate the affected land.

The goal of the reclamation plan is to rehabilitate and restore the affected lands to natural woodland grazing habitat. Planting native grass will protect the restored topsoil and prevent erosion. Grass, forb, shrub and subshrub species will develop into communities as reclamation matures and will enhance woodland grazing for wildlife. Additionally, the noxious weed control measures performed across the property during exploration activities will benefit the affected lands.

4. Describe the anticipated temporary and permanent plugging and capping procedures to be used. Please refer to SDCL 45-6C-28 through 45-6C-30, SDCL 45-6D-33 through 45-6D-35, and the state's hole plugging regulations as detailed in ARSD 74:11.

At a minimum, Lion Rock commits to abiding by all current South Dakota state laws and statutes concerning drill hole plugging and abandonment. All exploration drill holes will be plugged in accordance with Administrative Rules of South Dakota (ARSD) 74:11:08 and South Dakota Codified Law (SDCL) 45-6C-28 through 45-6C-30. The drill holes will penetrate the Precambrian rock units, which are water-bearing units and known aquifers in the Black Hills. If an aquifer is penetrated, the exploration drill holes will be plugged from bottom to top using bentonite grout as required by ARSD 74:11:08:05 and ARSD 74:11:08:05:01. In the event that a confined aquifer is penetrated, the weight of the bentonite grout column would be sufficient to overcome formation pressure, and if not, will be plugged using cement grout. The planned drill collar locations are higher than the static water level to be encountered in the drill holes, therefore it is not anticipated that natural artesian discharge will be encountered. Records regarding aquifers encountered during drilling and the subsequent plugging measures adopted would be retained for each exploration hole and would be provided to DANR upon request. All exploration drill holes will be plugged immediately upon completion while the drill rig is still on the exploration drill pad. Verbal notification will be given to DANR personnel upon completion of each drill hole so that inspection of plugging procedures may occur, if necessary. If a drill hole needs to remain temporarily open, a temporary surface plug will be emplaced. In the event that a drill hole needs to remain open for more than 30 days for additional geological or geotechnical work, Lion Rock will apply for an alternate plugging schedule to temporarily keep the hole open.

5. Provide the estimated cost of implementing and completing the proposed reclamation, and, the estimated cost of plugging and sealing each test hole.

Lion Rock will reclaim, recontour and reseed disturbance to any drill sites or access trails as described above as well as budget for longer term monitoring and noxious weed control measures. Costs of plugging and sealing each test hole are estimated to be approximately \$9/ft with an additional \$1,000 per exploration drill pad for reclamation and monitoring. Reclamation of exploration access roads and trails is expected to cost approximately \$7,000 per linear mile. Lion Rock will post a statewide surety bond of \$100,000 with the State of South Dakota in lieu of drill program specific surety bonds in accordance with SDCL 45-6C-19.

I declare and affirm under the penalties of perjury that this claim (petition, application, information) has been examined by me, and to the best of my knowledge and belief, is in all things true and correct.

Signature Jeffrey Hincus

Date: March 17, 2025

Title: Exploration Manager

MLRA

Lion Rock Resources Inc

Conservation District:

Lawrence

62

Program

CTA

Practice No. 342

Practice Name:

Critical Area Seeding

CI or Referral No.

Contract #

Resource Concern (CPPE Impact)

Purpose:

342- Stabilize areas with existing or expected high rates of soil erosion by wind or water

PLANNED

PLANNED		Seedbed Preparation
Tract		Clean, smooth, weed free seedbed will be prepared
Field		
Acres	261.90	
Group or Site	Critical Area Group	Have the past 3 years of Herbicide Carryover been considered?
Site	Loamy or Silty Texture	
Date to be Planted	Early Spring Prior to 5/15	No
Alternative planting dates	Late Spring 5/15 to 6/15	Protection Provided
Alternative planting dates	Late Summer 8/1 to 9/1	Clip weeds before they compete for moisture and light
Seeding Equipment	Special Grass Drill	
Companion Crop		

PLANNED

[illegible]

1/ Improved varieties recommended above have no restrictions on their origin.
1/ Origin of Common grass seed must be ND, SD, NE, MT, WY, MN, or IA. Exception: Smooth Bromegrass any locale.
1/ Common Native forbs and legumes will originate or be grown in
(USA): ND, SD, NE, MT, IA, WY, ID, WA, OR, MN, WI, and (CAN): AB, BC, MB, ON, SK.

- Seed test must be completed according to SD Seed laws (see link below) and no more than 9 months prior to the date planted.
 - All legumes must be pre-inoculated. Producer will provide all seed tags to NRCS [Legume inoculants](#)
 - Tetrazolium (TZ) tests may be used as a substitute for germination tests ONLY for Green Needlegrass
 - For Alfalfa Salinity tolerance use F or G from the web site link --> [Alfalfa Variety Ratings](#)
- * Pubescent wheatgrass and Intermediate wheatgrass are the same species and can be substituted for one another at any time.
- ** Thickspike wheatgrass may be substituted for western wheatgrass if the later is not available but only west of the Missouri River.
- To calculate the amount needed multiply the western wheatgrass seeding rate by .72

SD Seed Laws Codified Laws Statute 38-12A

Seed testing SD state seed-lab

LOCATION MAP

Tract

Planning Assistance By:

Andrea Westlake

2/20/2025

Name _____

Date)

Plan Meets SD Standards (if no explain)

Yes ☐ No ☐

Consultation for Reclamation Plan on EXNI Application for Lion Rock Resources



Jeff Hrnir <jeffhrnir@gmail.com>
to andrea@westlake

Mon, Feb 10, 9:32 AM (13 days ago)



Good morning Andrea,

My name is Jeff Hrnir and I am the chief geologist for a mineral exploration company called Lion Rock Resources. Lion Rock is preparing an Exploration Notice of Intent (EXNI) application with the South Dakota Department of Agriculture and Natural Resources (DANR). This application will be submitted in the very near future for the company's Volney Project located at Tinton, South Dakota in the northern Black Hills.

Lion Rock is requesting consultation on a recommended seed mixture to be utilized under the reclamation plan that will be submitted as part of the EXNI application, per SDCL 45-6C-8(2).

Please let me know what items you require to review and assist in the consultation process and please include anyone else in the email chain that needs to be involved. I wasn't sure where to start! Thank you in advance.

Best regards,
Jeff Hrnir



Westlake, Andrea - FPAC-NRCS, SD
to me

Thu, Feb 20, 9:31 AM (3 days ago)



Hi Jeff,

Attached is the seeding recommendation for the reclamation area. I have also included recommended guidance on reclamation seedings.

If you have any questions, feel free to contact me.

2 Attachments • Scanned by Gmail





200 Burrard Street, Suite 1615, Vancouver, BC, V6C 3L6

April 3, 2025

South Dakota Department of Agriculture and Natural Resources
Minerals and Mining Program
Joe Foss Building, 523 East Capitol Avenue
Pierre, SD 57501

RECEIVED

Apr 7, 2025

MINERALS, MINING, &
SUPERFUND PROGRAM

Attention: Roberta Hudson, Engineering Manager 1

Dear Sirs/Mesdames:

Re: Lion Rock Resources Inc. and Lion Rock Resources (SD) Inc.

We confirm the following:

Lion Rock Resources Inc.

Richard Dale Ginn – President and Chief Executive Officer and Director
Patrick Joseph Meagher – Chief Financial Officer
Carrie Cesarone – Corporate Secretary
Richard Boulay – Director
Nicholas Rodway – Director
Dominic Verdejo – Director

Incorporated in British Columbia, Canada
Common shares are listed and posted for trading on the TSX Venture Exchange

Authorized Signatories:

Richard Dale Ginn – all documents
Patrick Joseph Meagher – all financial documents

Lion Rock Resource Inc. (SD) Inc.

Jeff Hrncir – Incorporator/Director

Incorporated in South Dakota, USA
Common shares held by Lion Rock Resources Inc.

Authorized signatories:

Jeff Hrncir – all documents

Yours truly,

LION ROCK RESOURCES INC.

Per:

R. Dale Ginn
President and Chief Executive Officer