



RECEIVED
JUL 25 2022
MINERALS & MINING PROGRAM

20 July 2022

Roberta Hudson
Engineering Manager I
South Dakota Department of Agriculture and Natural Resources
Minerals and Mining Program
Joe Foss Building
523 East Capitol Avenue
Pierre, South Dakota, 57501

RE: DTRC LLC Maitland II Exploration Notice of Intent

Dear Mrs. Hudson:

Dakota Gold Corp. herein submits on behalf of DTRC LLC this Exploration Notice of Intent (EXNI) for Maitland II Exploratory Drill Program. The program comprises drilling and coring from drill pads constructed exclusively on private land within Lawrence County.

Included in this EXNI are the following:

- Notice of Intent to Conduct Mineral Exploration Operation Application Form,
- A plan of reclamation pursuant to Section 8,
- A topographic map pursuant to Section 9,
- A fee of \$250 pursuant to Section 17 in check form,
- Landowner Ownership documentation (Confidential), and
- Cultural Resources Report (Confidential)

Dakota Gold Corp. is committed to working with DANR and meeting or exceeding all statutes and regulations.

Thank you for your time as it pertains to this matter. Should you have any question or comments, please contact Timm Comer at (719) 203-0567 or tcomer@dakotagoldcorp.com

Regards,

Gerald M Aberle
Chief Operating Officer

Attachment: Complete EXNI Application Package
Enclosures: Check No. 1939 for \$250

+1 778 655 9638

info@dakotagoldcorp.com
www.dakotagoldcorp.com

Lead Office
106 Glendale Drive, Suite A,
Lead, South Dakota,
57754, USA

Vancouver Office
1588 609 Granville Street
Vancouver, British Columbia
V7Y 1G5, Canada

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

RECEIVED

JUL 25 2022

MINERALS & MINING PROGRAM

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

Pursuant to SDCL 45-6C

*pd 7/22/22
\$ 250
CK*

Operator's name:

DTRC LLC

Mailing Address:

**106 Glendale Drive, Suite A
Lead, South Dakota 57754**

Telephone:

605.717.2640

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

Gerald M. Aberle

Resident agent address:

**106 Glendale Drive, Suite A
Lead, South Dakota 57754**

Telephone:

605.717.2640

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

**Portions of Section 18
Township 5 North, Range 3 East
Black Hills Meridian**

County:

Lawrence

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).

DTRC LLC will explore for potential hardrock gold deposits within the proposed project area. Exploration test hole drilling activities will be completed from existing roads and trails to the extent practicable. Development of new access roads (approximately 1100 ft) are required for access into the project location. There are existing access trails in the proposed project area that were constructed and then reclaimed after previous exploration test hole drilling activities in the area were completed in previous years by other companies. Construction of new access roads (approximately 1100 ft) will need to be completed for access into this proposed project area and are to remain following completion of the project. These development activities for the proposed new access roads would include tree removal, brushings and cleared, topsoil removal and stockpiling, minor cut/fill activities of the roadway and implementation of storm water Best Management Practices ("BMPs). New exploration drill trails (approximately 2000 ft) will also need to be constructed as part of the proposed project and would be reclaimed following completion of the project. These development activities would include tree removal, brushing and clearing, topsoil removal and stockpiling, trail surface preparation and implementation of storm water BMPs. Existing access trails that were previously reclaimed will need to be brushed and cleared. These existing access trails would possibly need to be slightly widened and improved and include implementation of storm water BMPs. It is anticipated that exploration test hole drilling will be completed using skid-mounted core and/or truck-mounted reverse circulation drilling methods/drill rigs. The project would include up to 26 exploration test hole drill pads (pads). Exploration test hole drilling from these 26 pads will be drilled both azimuth and vertical and up to a depth of approximate 5000 ft in vertical depth, with the possibility of multiple test holes drilled from each drill pad. The pads that will measuring approximately 100 ft x 100 ft.

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.

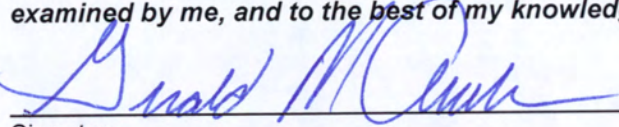
INSTRUCTIONS:

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.

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 _____

Date: July 20, 2022

Title: Chief Operating Officer

STATE OF South Dakota

COUNTY OF Lawrence

On this 20 day of July, 2022, before me personally appeared Gerald M. Aberle, who acknowledged himself to be the Chief Operating Officer (Title) for DTRC LLC and that he is authorized to execute the Notice of Intent for the purposes contained therein.


Notary Public _____ My Commission Expires: 11-11-27

SEAL



FOR DEPARTMENT USE ONLY

DATE APPROVED: BOND AMOUNT: EXNI NUMBER:

Chairman, SD Board of Minerals & Environment

STATE OF SOUTH DAKOTA
BEFORE THE SECRETARY OF

RECEIVED

JUL 25 2022

MINERALS & MINING PROGRAM

THE DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

IN THE MATTER OF THE
APPLICATION OF

DTRC LLC

STATE OF South Dakota

COUNTY OF Lawrence

CERTIFICATION OF

APPLICANT

I, Gerald M. Aberle, the applicant in the above matter after being duly sworn upon oath hereby certify the following information in regard to this application:

I have read and understand South Dakota Codified Law Section 1-41-20 which provides:

"The secretary may reject an application for any permit filed pursuant to Titles 34A or 45, including any application by any concentrated swine feeding operation for authorization to operate under a general permit, upon making a specific finding that:

(1) The applicant is unsuited or unqualified to perform the obligations of a permit holder based upon a finding that the applicant, any officer, director, partner, or resident general manager of the facility for which application has been made:

- (a) Has intentionally misrepresented a material fact in applying for a permit;*
- (b) Has been convicted of a felony or other crime involving moral turpitude;*
- (c) Has habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage;*
- (d) Has had any permit revoked under the environmental laws of any state or the United States; or*

(e) Has otherwise demonstrated through clear and convincing evidence of previous actions that the applicant lacks the necessary good character and competency to reliably carry out the obligations imposed by law upon the permit holder; or

(2) The application substantially duplicates an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Nothing in this subdivision may be construed to prohibit an applicant from submitting a new application for a permit previously denied, if the new application represents a good faith attempt by the applicant to correct the deficiencies that served as the basis for the denial in the original application.

All applications filed pursuant to Titles 34A and 45 shall include a certification, sworn to under oath and signed by the applicant, that he is not disqualified by reason of this section from obtaining a permit. In the absence of evidence to the contrary, that certification shall constitute a prima facie showing of the suitability and qualification of the applicant. If at any point in the application review, recommendation or hearing process, the secretary finds the applicant has intentionally made any material misrepresentation of fact in regard to this certification,

consideration of the application may be suspended and the application may be rejected as provided for under this section.

Applications rejected pursuant to this section constitute final agency action upon that application and may be appealed to circuit court as provided for under chapter 1-26."

I certify pursuant to 1-41-20, that as an applicant, officer, director, partner, or resident general manager of the activity or facility for which the application has been made that I; a) have not intentionally misrepresented a material fact in applying for a permit; b) have not been convicted of a felony or other crime of moral turpitude; c) have not habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage; (d) have not had any permit revoked under the environmental laws of any state or the United States; or e) have not otherwise demonstrated through clear and convincing evidence of previous actions that I lack the necessary good character and competency to reliably carry out the obligations imposed by law upon me. I also certify that this application does not substantially duplicate an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Further;

"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."

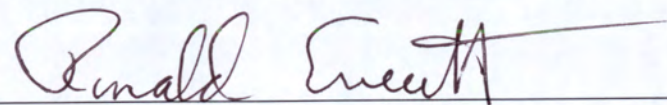
Dated this 20 day of July, 2022

Gerald M. Aberle

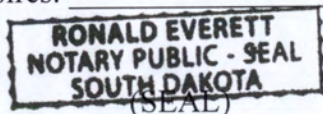
Applicant (print)


Applicant (signature)

Subscribed and sworn before me this: 20 day of July, 2022.


Notary Public (signature)

My commission expires: 18 November 2027



**PLEASE ATTACH ANY ADDITIONAL INFORMATION NECESSARY TO DISCLOSE
ALL FACTS AND DOCUMENTS PERTAINING TO
SDCL 1-41-20 (1) (a) THROUGH (e).
ALL VIOLATIONS MUST BE DISCLOSED, BUT WILL NOT
AUTOMATICALLY RESULT IN THE REJECTION OF AN APPLICATION**

RECEIVED
JUL 25 2022
MINERALS & MINING PROGRAM

EXPLORATION RECLAMATION PLAN

Pursuant to SDCL 45-6C-8 and 45-6D-9

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.

DTRC LLC and its exploration drilling contractors strive to minimize the potential surface impacts of the exploratory drilling program. The exploration drilling operations would include removal of existing growth media (topsoil) when feasible, then stockpiling, reshaping, and interim reseeding of the topsoil, which would then be utilized for future reclamation activities at the project site. Topsoil stockpiles would be clearly located and appropriately marked as such. Best Management Practices (BMPs) for potential sedimentation and erosion control would be implemented at the project site for areas of new disturbance. These BMP (e.g. ditches, sumps, berms, wattles, straw bales or silt fences) at potential affected area pursuant to SDCL 45-6C-32. Exploration drill pad sumps would be located on the uphill side of the exploration drill pad site when feasible and constructed with a liner system suitable to retain liquids from the exploration drilling activities. Areas where exploration drilling pads and/or exploration trials are constructed would be reclaimed following completion of exploration drilling activities. For exploration drilling activities on existing roads, the newly disturbed area of the exploration drill pads would be recontoured and regraded as necessary, the exploration drill pad sump liner system would be folded in place and then the entire sump area backfilled with native materials to the area. The entire exploration drill pad area, including sump area would be reclaimed. Reclamation activities would include recontouring, regraded, placement of topsoil and seeding with reclamation seed mixture. For areas where exploration access trials and/or exploration drill pad construction are necessary, the newly disturbed affected area of the exploration access trial would be regraded to approximate original contours where feasible using native materials to the area. Once these regrading activities are completed, the area of the exploration access trial would be reclaimed. Reclamation of one site would be conducted concurrent while exploration drilling activities continue at another site, when feasible and pending weather conditions. The post-mining land use for the exploration project area would be woodland grazing, which would be accomplished by reclaiming to an open canopy area within the forested surroundings.

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.

Reclamation seeding will take place after recontouring and regrading of disturbed areas is completed. Seedings would be done on a clean, semi-smooth, weed free seedbed with effective seeding methods. DTRC LLC would control potential noxious weeds on newly disturbed areas impacted by exploration drilling activities throughout operations of the project and for 1-year post-reclamation. Weeds would be clipped and or sprayed by licensed applicator before they compete against the seeding for moisture and light. All reclamation processes, seed mixtures, seasonal constraints and timing and guidance will be based on South Dakota NRCS Conservation Practice Standard (CPS) Critical Area Planting Code 342 as suggested by the Lawrence County Conservation District and the local NRCS requirements and recommendations, per 45-6C-16; Consultation with surface owner-Preferences for reclamation and travel restrictions, as well as with the conservation district and NRCS offices. Fertilizer would be applied as necessary. Reseeding of the reclaimed sites would be conducted if the initial reclamation is not successful.

The seed mixture or reseeding exploration drill pad sites and exploration access roads/trails consists of local native species and was developed based on recommendations following consultation by the local Natural Resources Conservation Service (NRCS) office. Consultation with NRCS was completed on 13 July 2022 for this project. Previously recommended reclamation seed mixtures approved for DTRC LLC existing Exploration Notice of Intent (EXNIs) is again recommended as the seed mixture for this project based on that consultation. A copy of that recommended reclamation seed mixture by NRCS 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 newly affected lands to woodland grazing habitat. Planting of grasses would control erosion and protect the topsoil. Numerous forb and shrub species are expected to volunteer on the reclaimed areas because ground disturbance associated with exploration activities would be limited as compared to surrounding areas of vegetation. A grass, forb, shrub, and subshrub community is expected to develop as reclamation matures, which would support woodland grazing and provide an edge effect to support the wildlife in the area

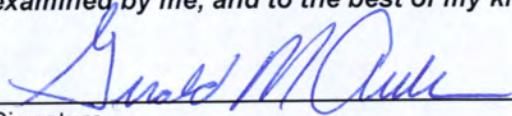
4. Describe the anticipated temporary and permanent plugging and capping procedures to be used. Please refer to SDCL 45-6C-28 through 45-6C-30, SDCL 45-6D-33 through 45-6D-35, and the state's hole plugging regulations as detailed in ARSD 74:11.

At a minimum DTRC LLC commits to following all South Dakota laws and statutes concerning hole plugging and abandonment and alternatively would execute a full cement grout where needed, such as any instance where aquifer cross contamination is feasible. All exploration drill holes would be plugged in accordance with ARSD 74:11:08 and SDCL 45-6C-28 through 45-6C-30. The drill holes may penetrate the Deadwood Formation and the Precambrian, which are water-bearing units or aquifers in the Black Hills. If an aquifer is penetrated, the exploration drill holes will be plugged from bottom to top using bentonite grout, which complies with the requirements of ARSD 74:11:08:05 and ARSD 74:11:08:05:01 (i.e. requirements for plugging exploration drill holes that penetrate single unconfined aquifers and confined or multiple aquifers). In the event that a confined aquifer is penetrated, the weight of the bentonite grout column would be sufficient to overcome formation pressure, or the hole would be plugged using cement grout. Records regarding aquifers encountered during drilling and plugging methods used would be retained for each exploration hole and those records would be provided to the South Dakota Department of Agriculture and Natural Resources (DANR) upon request. All exploration drill holes will be plugged immediately upon completion while the drill rig is still on the exploration drill pad. In the event that a drill hole needs to remain open for more than 30 days, DTRC LLC 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.

Reclamation of each drill pad is estimated to cost approximately \$1,000. Reclamation of exploration access roads and trails is expected to cost approximately \$5,000 per linear mile. Plugging and sealing drill holes is estimated to cost \$1,000 per hole. DTRC LLC has a statewide surety bond of \$20,000 in place with the State of South Dakota in lieu of drill program specific surety bonds (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

Date: July 20, 2022

Title: Chief Operating Officer

JUL 25 2022

MINERALS & MINING PROGRAM

Timm Comer

From: Faulkner, Mitch - NRCS, Belle Fourche, SD <mitch.faulkner@usda.gov>
Sent: Wednesday, July 13, 2022 6:59 AM
To: Timm Comer
Cc: kfjensensd@gmail.com; Tuschen, Victor - NRCS, Belle Fourche, SD; Kirkman, Yvette - NRCS-CD, Belle Fourche, SD; Jerry Aberle; justin.krajewski@respec.com
Subject: RE: [External Email] Consultation with local Conservation District for Reclamation Plan

Hello Timm,

The previously recommended seeding plan that was attached would work within our standard for the sites you sent as well and can be used in the proposed project site highlighted in yellow. I would expect the site to have loamy surface textures primarily in that area as well. Do you need a new seeding mix sheet for this area? Just let me know.

Thanks

Mitch

JUL 25 2022

SEEDING PLAN

MINERALS & MINING PROGRAM

MLRA

Producer Dakota Territory Resource Corp Conservation District: Lawrence 62Program 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

Tract	NA	Seedbed Preparation
Field	NA	Clean, smooth, weed free seedbed will be prepared
Acres	1.00	
Group or Site	Critical Area Group	
Site	Loamy or Silty Texture	
Date to be Planted	Early Spring Prior to 5/15	Protection Provided
Alternative planting dates		
Alternative planting dates		
Seeding Equipment	Special Grass Drill	
Companion Crop	None	Clip weeds before they compete for moisture and light

PLANNED

Species * **	1/ Select Improved Variety (recommended) or select common seed (see note below)	Percent in Mixture	Pure Live Seeds (PLS) per square foot	Pure Live Seed (PLS) lbs/ac Needed	Acres to Seed	Pure Live Seed (PLS) lbs Required
Western wheatgrass		105	41.48			
Big bluestem		55.0	20.63	8.02	1.00	8.02
Sideoats grama		15.0	6.75	1.67	1.00	1.67
Slender wheatgrass		5.0	2.25	0.54	1.00	0.54
Green needlegrass		20.0	7.50	2.11	1.00	2.11
Little bluestem		5.0	2.25	0.54	1.00	0.54
Western yarrow		3.0	1.35	0.21	1.00	0.21
Purple prairie clover		1.0	0.38	0.01	1.00	0.01
		1.0	0.38	0.06	1.00	0.06

To meet SD NRCS

Standards Please Note:

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.

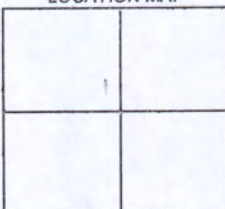
** Thickspike wheatgrass may be substituted for western wheatgrass if the later is not available but only west of the Missouri River.

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](#)

Tract

LOCATION MAP



N

S.

T.

R.

Planning Assistance By:

Mitch Faulkner

11/1/2021

Name

Date)

Plan Meets SD Standards (if no explain)

Yes ☒No ☐

JUL 25 2022

Timm Comer

MINERALS & MINING PROGRAM

From: Timm Comer
Sent: Friday, July 1, 2022 11:34 AM
To: Mitch Faulkner (NRCS)
Cc: Karl Jensen Lawrence County CD; Tuschen, Victor - NRCS, Belle Fourche, SD; Yvette.Kirkman Butte County Conservation District; Jerry Aberle (JAberle@dakotagoldcorp.com); Justin Krajewski
Subject: Consultation with local Conservation District for Reclamation Plan
Attachments: Maitland Soil Information.pdf

Mitch,

As Dakota Gold Corp. (DGC) has done on previously submitted Exploration Notices of Internet (EXNI) Application with the South Dakota Department of Agriculture and Natural Resources (DANR) for DTRC LLC. , DGC would request consultation on a recommended seed mixture to be utilized under the reclamation plan that will be submit as part of the EXNI application for DTRC LLC, per SDCL 45-6C-8(2).

Attached for use for your review are documents to assist in your consultation on a recommended seed mixture.

The following is a description of what is included as the attachment:

Page 1: Proposed project site (highlighted in yellow) in the Maitland area of Lawrence County with adjacent land ownership and proposed exploration test hole drill pads (red stars) and access roadways (magenta & green colored dashed lines) and access trails (red & maroon colored dashed lines),

Pages 2-6: All Ecological Sites report that I created from the NRCS website on the project area.

Page 7: Previously recommended seed mixture being utilized on four (4) other current EXNI Permits 424, 439, 440 and 441 currently held by DTRC LLC.

DGC would prefer to utilizes the currently recommended seed mixture for this EXNI also, and would request you concurrence if appropriate. The recommended seed mixture for existing DTCR LLC EXNI Permit 439 is adjacent this proposed project area. However, should you recommend an alternative seed mixture, DGC would implement that recommended seed mixture as part of the submitted reclamation plan to the DANR as part of the EXNI Application.

Thank you for your time as it pertains to this matter and your assistance. Should you need any further information, please contact me.

Regards,
Timm

Timm Comer

ENVIRONMENTAL DIRECTOR
tcomer@dakotagoldcorp.com

O +1 605 717 2541

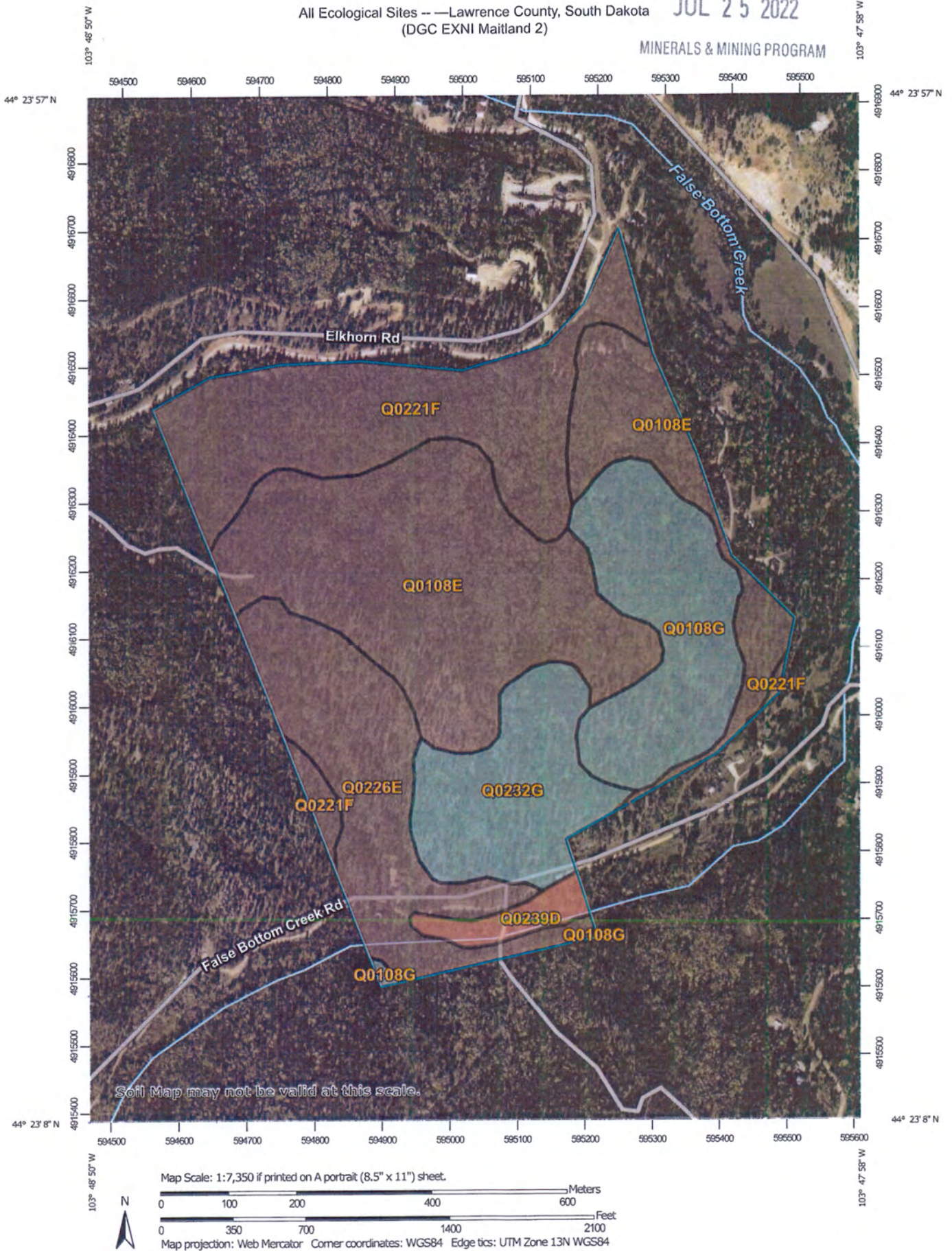
C +1 719 203 0567



JUL 25 2022

All Ecological Sites -- Lawrence County, South Dakota
(DGC EXNI Maitland 2)

MINERALS & MINING PROGRAM




RECEIVED
JUL 25 2022

MINERALS & MINING PROGRAM

MAP LEGEND

Area of Interest (AOI)





 Area of Interest (AOI)

Background





 Aerial Photography

Soils





Soil Rating Polygons

-  F062XY051SD
-  F062XY052SD
-  F062XY053SD
-  Not rated or not available


Soil Rating Lines

-  F062XY051SD
-  F062XY052SD
-  F062XY053SD
-  Not rated or not available

Soil Rating Points

-  F062XY051SD
-  F062XY052SD
-  F062XY053SD
-  Not rated or not available

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lawrence County, South Dakota
Survey Area Data: Version 24, Sep 13, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 18, 2021—Oct 16, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

JUL 25 2022

MINERALS & MINING PROGRAM

All Ecological Sites —

Map unit symbol	Map unit name	Component name (percent)	Ecological site	Acres in AOI	Percent of AOI
Q0108E	Grizzly-Mineshaft complex, 10 to 40 percent slopes	Grizzly (50%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes	52.3	36.3%
		Mineshaft (30%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Mineshaft, shallow (5%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Pactola (5%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Rock outcrop, igneous (5%)	R062XY999SD — Non-site		
		Virkula (5%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
Q0108G	Grizzly-Mineshaft complex, 40 to 80 percent slopes	Grizzly (40%)	F062XY051SD — Very Steep Low Mountain Slopes	20.3	14.1%
		Mineshaft (35%)	F062XY051SD — Very Steep Low Mountain Slopes		
		Rock outcrop, igneous (8%)	R062XY999SD — Non-site		
		Grizzly, extremely stony (7%)	F062XY051SD — Very Steep Low Mountain Slopes		
		Mineshaft, shallow (5%)	F062XY051SD — Very Steep Low Mountain Slopes		
		Rubbleland, igneous (4%)	R062XY999SD — Non-site		
		Virkula (1%)	F062XY051SD — Very Steep Low Mountain Slopes		
Q0221F	Pactola-Buska channery silt loams, 20 to 60 percent slopes	Pactola (40%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes	29.8	20.7%

Map unit symbol	Map unit name	Component name (percent)	Ecological site	Acres in AOI	Percent of AOI
		Buska (35%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Hisega (6%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Rock outcrop, schist (6%)	R062XY999SD — Non-site		
		Cordeston (5%)	R062XY043SD — Valley Loam		
		Heely (4%)	R062XA032SD — Channery Loam - North (LRU-A)		
		Virkula (4%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
Q0226E	Pactola-Virkula- Rock outcrop complex, 10 to 40 percent slopes	Pactola (50%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes	22.4	15.5%
		Virkula (20%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Rock outcrop, schist (15%)	R062XY999SD — Non-site		
		Buska (5%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Heely (5%)	R062XA032SD — Channery Loam - North (LRU-A)		
		Cordeston, rarely flooded (4%)	R062XY043SD — Valley Loam		
		Grizzly (1%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
Q0232G	Pactola-Pactola, shallow-Rock outcrop complex, 40 to 80 percent slopes	Pactola (40%)	F062XY051SD — Very Steep Low Mountain Slopes	16.2	11.3%
		Pactola, shallow (20%)	F062XY051SD — Very Steep Low Mountain Slopes		
		Rock outcrop, schist (20%)	R062XY999SD — Non-site		

Map unit symbol	Map unit name	Component name (percent)	Ecological site	Acres in AOI	Percent of AOI
		Cordeston (4%)	R062XY043SD — Valley Loam		
		Grizzly (4%)	F062XY051SD — Very Steep Low Mountain Slopes		
		Rapidcreek, nonacid, rarely flooded (4%)	R062XA020SD — Loamy Overflow - North (LRU-A)		
		Rubbleland, schist (4%)	R062XY999SD — Non-site		
		Virkula (4%)	F062XY051SD — Very Steep Low Mountain Slopes		
Q0239D	Virkula-Pactola complex, 2 to 15 percent slopes	Virkula (50%)	F062XY053SD — Low Mountain Terrace and Benches	2.9	2.0%
		Pactola (30%)	F062XY054SD — Mod. Steep to Steep High Mountain Slopes		
		Cordeston (5%)	R062XY043SD — Valley Loam		
		Heely (5%)	R062XA032SD — Channery Loam - North (LRU-A)		
		Mocmont, moist (5%)	F062XY052SD — Mod. Steep to Steep Low Mountain Slopes		
		Rock outcrop, schist (5%)	R062XY999SD — Non-site		
Totals for Area of Interest				143.9	100.0%

MINE CONTACT REPORT FORM

Date of Call: _____ **Date of E-mail:** 08/02/2022
Telephone call to: _____ **DENR Employee Contacted:** Roberta Hudson
Operator Contacted: Timm Comer
Company: DTRC, LLC
Telephone: _____
Staff Signature: \s/

On August 2, 2022, DANR requested additional information from DTRC, LLC regarding their application submitted on July 25, 2022. Timm Comer provided a response on August 2, 2022.

Below are the email providing the additional information from Mr. Comer.

From: Timm Comer <tcomer@dakotagoldcorp.com>
Sent: Tuesday, August 2, 2022 12:21 PM
To: Hudson, Roberta <Roberta.Hudson@state.sd.us>
Cc: Jerry Aberle <JAberle@dakotagoldcorp.com>
Subject: RE: [EXT] DTRC EXNI

Roberta,

We would plan up to 10 drill holes per drill pad.

Timm

From: Hudson, Roberta <Roberta.Hudson@state.sd.us>
Sent: Tuesday, August 2, 2022 10:16 AM
To: Timm Comer <tcomer@dakotagoldcorp.com>
Subject: DTRC EXNI

Timm,

I have a question on the new EXNI. Could you please let me know how many holes are expected to be drilled per drill pad?

Thank you!

Roberta Hudson, PE

Engineer Manager I
Minerals and Mining Program