

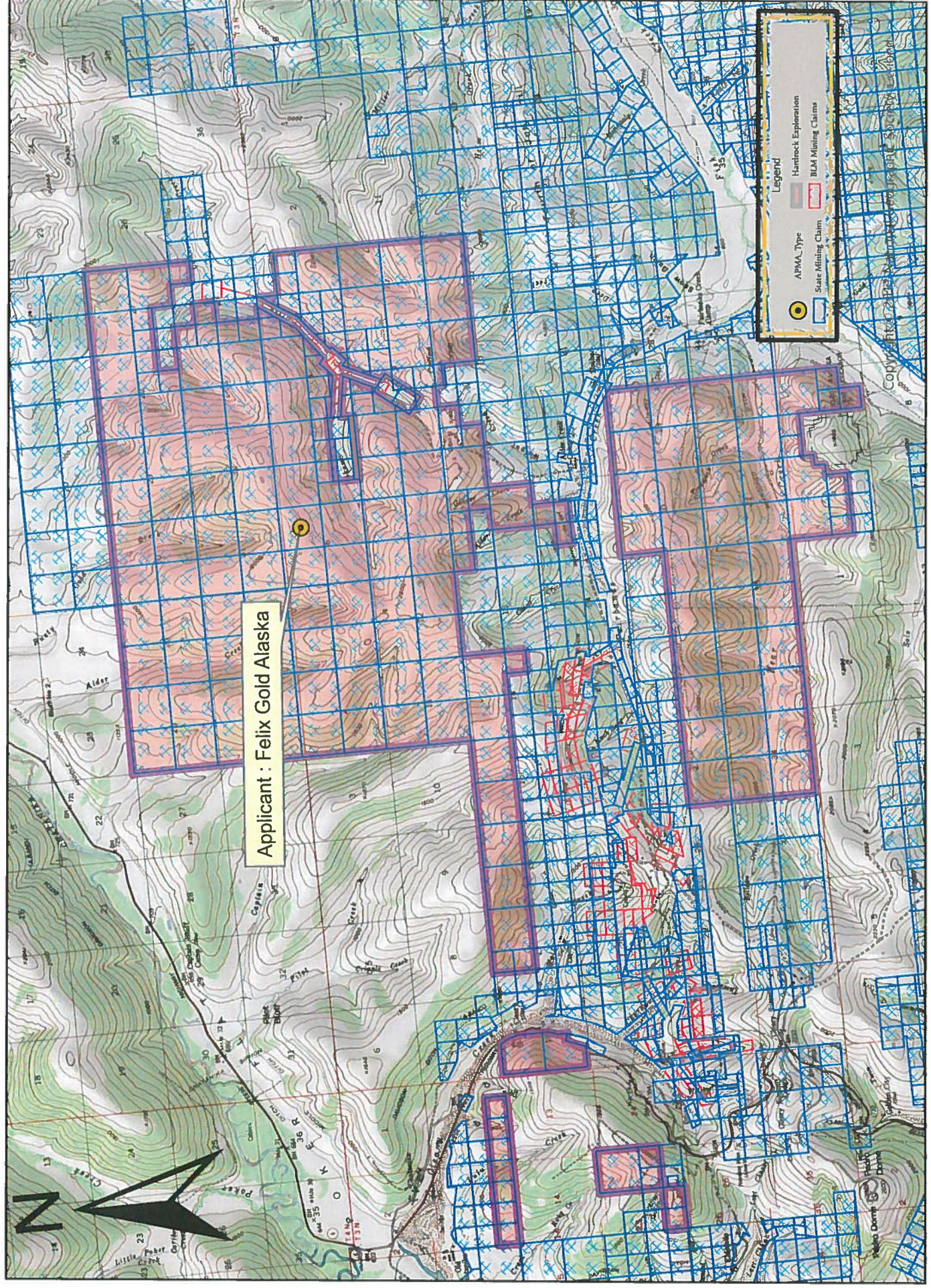
STATE OF ALASKA  
Application for Permits to Mine in Alaska (APMA)

☐ Single Year ☒ Multi-year Start: 2022 Finish: 2025 APMA Number (A/F/J, Year, \*\*\*\*) 9324

<p>What type activity are you planning to perform? <span style="color: red;">*REQUIRED</span> (1)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Exploration/Reclamation  <input type="checkbox"/> Mining/Reclamation  <input checked="" type="checkbox"/> Hardrock Exploration/Reclamation         </div> <div style="width: 45%;"> <input type="checkbox"/> Access Equipment  <input type="checkbox"/> Suction Dredge  <input type="checkbox"/> Reclamation         </div> </div>	<p>Surface estate of mineral properties: <span style="color: red;">*REQUIRED</span> (2)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> State (General)  <input type="checkbox"/> Private (Patented)  <input type="checkbox"/> Private (Native Corp.)         </div> <div style="width: 45%;"> <input type="checkbox"/> State (Mental Health)  <input type="checkbox"/> Federal  <input type="checkbox"/> City or Borough         </div> </div>	
<p>Check All That Apply: <input checked="" type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <span style="color: red;">*Required</span> (3)</p> <p>Name: <u>Dave Larimer</u> Primary Phone Number: <u>(907) 371 - 3980</u></p> <p>Address: <u>3133 Davis Road, Fairbanks, Alaska 99709</u> Secondary Phone Number: <u>(907) 371 - 0146</u></p> <p style="text-align: right;">Email: <u>d.larimer@felixgold.com.au</u></p> <p>If Applicable, Corporation Name: <u>Felix Gold Alaska Operations Inc.</u> Alaska Business/Corporation Entity# <u>10184349</u></p> <p>Registered Agent (Corp./LLC/LP) <u></u> <a href="#">Click here for the Department of Commerce Link</a></p>		
<p>Check All That Apply: <input checked="" type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <span style="color: red;">*Required</span> (4)</p> <p>Name: <u>Jody Dahrouge</u> Primary Phone Number: <u>(780) 434-9808</u></p> <p>Address: <u>Suite 103, 10183- 112 Street</u> Secondary Phone Number: <u></u></p> <p style="text-align: right;">Email: <u>jody@dahrouge.com</u></p> <p>If Applicable, Corporation Name: <u>DG Resource Management (US) LTI</u> Alaska Business/Corporation Entity# <u></u></p> <p>Registered Agent (Corp./LLC/LP) <u></u></p>		
<p>Check All That Apply: <input checked="" type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <span style="color: red;">*Required</span> (5)</p> <p>Name: <u>Paul Metz</u> Primary Phone Number: <u></u></p> <p>Address: <u>PO Box 73606</u> Secondary Phone Number: <u></u></p> <p style="text-align: right;">Email: <u>metz@mosquitonet.com</u></p> <p>If Applicable, Corporation Name: <u>Fairbanks Exploration Inc</u> Alaska Business/Corporation Entity# <u></u></p> <p>Registered Agent (Corp./LLC/LP) <u></u></p>		
<p>Check All That Apply: <input type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <span style="color: red;">*Required</span> (6)</p> <p>Name: <u></u> Primary Phone Number: <u></u></p> <p>Address: <u></u> Secondary Phone Number: <u></u></p> <p style="text-align: right;">Email: <u></u></p> <p>If Applicable, Corporation Name: <u></u> Alaska Business/Corporation Entity# <u></u></p> <p>Registered Agent (Corp./LLC/LP) <u></u> <span style="color: red;">Attach a separate sheet for additional contacts</span></p>		
<p>Project Name If Applicable: (7)</p> <p><u>Northeast Fairbanks Exploration Project</u></p>	<p>Average Number of Workers: <span style="color: red;">*REQUIRED</span> (8)</p> <p><u>10</u></p>	<p>Start-Up/Shut Down: (Month/Day) (9)</p> <p><u>04/01/2022</u> to <u>11/01/2022</u></p>
<p>Mining District: <span style="color: red;">*REQUIRED</span> (10)</p> <p><u>Fairbanks</u></p>	<p>Applicable USGS Map: <span style="color: red;">*REQUIRED</span> (11)</p> <p><u>Livengood A-1 and A-2</u></p>	<p>On What Stream Is This Activity? (12)</p> <p><u>Kokomo</u> <u>Creek</u> <u>N/A</u></p>
<p>Legal Description of mineral properties to be worked (MTRS) <span style="color: red;">*REQUIRED</span> (13)</p> <p>Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21</p> <p>F.M.; T2N, R1E, Sec: 1, 3-10, 15-20, and 30; • T2N, R2E, Sec: 1-4; • T2N, R3E, Sec: 5-6; • T3N, R1E, Sec: 10-12, 15, 22-23, 26, and 35          • T3N, R2E, Sec: 1-2, 11-12, 14-18, 25-27, and 34-36; • T3N, R3E, Sec: 3-10, 12-13, 15-19, and 29-32; • T3N, R4E, Sec: 6-9, 16-18,          20-21, and 28-29; • T4N, R2E, Sec: 25-26, and 35-36; T4N, R3E, Sec: 19-22, and 27-34; T4N, R4E, Sec: 30-33.</p>		
<p>Internal Use Only:</p> <p>Date Application Received Complete: <u>2/28/2022</u> Adjudicator: <u>AK</u> LAS Entry: <u></u></p> <p>CID(s): <u>Felix 66041</u> CID(s): <u>DL 64480</u> CID(s): <u>FE 180921</u></p>		



# APMA 9324 Active Area





### MINERAL PROPERTIES LIST

(14)

If requesting more than 12 claims, Are additional sheets with ADL/BLM/USMS and Legal Descriptions Attached? ☒ Yes ☐ No  
 Are any of these mineral properties an Upland or Offshore Mining Lease? ☐ Yes ☒ No

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.		See Attachment	7.		
2.			8.		
3.			9.		
4.			10.		
5.			11.		
6.			12.		

### INVENTORY OF EQUIPMENT

(15)

List all mechanized equipment to be used (make, model, type, size, purpose, and number of each, including pumps). Attach additional sheets as necessary. If you are transporting on a trailer to the claim block, include the trailer size.

Check One:

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Located on the claim block?	Transporting to claim block?
1.	Grasshopper RC portable drill or similar	1		<input checked="" type="checkbox"/>
2.	Atlas Copco CS14 or similar core drill	1		<input checked="" type="checkbox"/>
3.	Caterpillar D6 Dozer or similar	1		<input checked="" type="checkbox"/>
4.	Kubota KX033-4 Excavator or similar	1		<input checked="" type="checkbox"/>
5.	PrimeTeck 300 brush mulcher	1		<input checked="" type="checkbox"/>
6.	Honda Rancher ATV or similar	6		<input checked="" type="checkbox"/>
7.	Ford F-350 or similar truck	2		<input checked="" type="checkbox"/>
8.	Explorac 235 or similar Reverse Circulation drill	1		<input checked="" type="checkbox"/>

### ACCESS OUTSIDE OF CLAIM BLOCK

(16)

Access across surface estates not owned by the State requires approval of the managing agency. It is the responsibility of the applicant to contact the owners of private property to obtain authorization for access.

All season roads may be an improved dirt road intended to be used during all seasons of the year without causing long term damage to the road. NOTE: It is strongly recommended that you contact the appropriate Regional Land Office as certain roads are subject to Generally Allowed Uses, and authorization (permit or easement) may be required for use of the route with off-road vehicles greater than 1500 lbs curb weight (like mining equipment).

**A completed access map must be submitted with your application.** Copies of USGS topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish and include appropriate legal descriptions (township and range) on each map sheet. The quadrangle map name should also be indicated (Healy A-3, etc.). Paper size should be limited to 8 1/2" x 11". Do not tape maps together.

Is a complete route map attached, including winter cross country travel if applicable? ☒ Yes ☐ No

Access is: ☒ Existing ☐ To be constructed off claim block ☐ Both, or ☐ Helicopter Supported

Access outside the claim block crosses what type of land(s)? ☒ State (General) ☐ State (Mental Health)  
☐ City/Borough ☐ Federal ☐ Private ☐ Private (Patented) ☐ Private (Native Corp. Land)

Does the proposed route of travel include use of RS 2477 access? ☒ Yes ☐ No.

If the RS 2477 ROW has a State of Alaska RST number, please list: \_\_\_\_\_

**MV\_ST\_MINING**  
Source: Alaska Department of Natural Resources, Information Resource Management

Case ID	Case Status	Case Type	Claim Name	Customer Name
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[illegible]

[illegible]



[illegible]

[illegible]

ADL 628021	Active (35)	Mining Claim (713)	GST 118	Fairbanks Exploration Inc
ADL 628022	Active (35)	Mining Claim (713)	GST 119	Fairbanks Exploration Inc
ADL 628023	Active (35)	Mining Claim (713)	GST 120	Fairbanks Exploration Inc
ADL 628024	Active (35)	Mining Claim (713)	GST 121	Fairbanks Exploration Inc
ADL 628026	Active (35)	Mining Claim (713)	GST 123	Fairbanks Exploration Inc
ADL 628027	Active (35)	Mining Claim (713)	GST 124	Fairbanks Exploration Inc
ADL 628028	Active (35)	Mining Claim (713)	GST 125	Fairbanks Exploration Inc
ADL 628029	Active (35)	Mining Claim (713)	GST 126	Fairbanks Exploration Inc
ADL 628030	Active (35)	Mining Claim (713)	GST 127	Fairbanks Exploration Inc
ADL 628031	Active (35)	Mining Claim (713)	GST 128	Fairbanks Exploration Inc
ADL 628032	Active (35)	Mining Claim (713)	GST 129	Fairbanks Exploration Inc
ADL 628033	Active (35)	Mining Claim (713)	GST 130	Fairbanks Exploration Inc
ADL 628040	Active (35)	Mining Claim (713)	GST 137	Fairbanks Exploration Inc
ADL 628045	Active (35)	Mining Claim (713)	GST 142	Fairbanks Exploration Inc
ADL 628047	Active (35)	Mining Claim (713)	GST 144	Fairbanks Exploration Inc
ADL 628052	Active (35)	Mining Claim (713)	GST 149	Fairbanks Exploration Inc
ADL 628053	Active (35)	Mining Claim (713)	GST 150	Fairbanks Exploration Inc
ADL 628054	Active (35)	Mining Claim (713)	GST 151	Fairbanks Exploration Inc
ADL 628055	Active (35)	Mining Claim (713)	GST 152	Fairbanks Exploration Inc
ADL 628274	Active (35)	Mining Claim (713)	CD85	Dg Resources Management (Us) L Td.
ADL 628321	Active (35)	Mining Claim (713)	CD97	Dg Resources Management (Us) L Td.

\*\*\*END OF REPORT\*\*\*

#### Report Information

**Source ID** 60  
**Source Name** MV\_ST\_MINING  
**Source Desc**  
**Run Date and Time** 04/25/2022 09:57:37 AKDT  
**Record Count** 229

#### SQL Statement

SELECT



### ACCESS OUTSIDE OF CLAIM BLOCK, CONTINUED

Indicate type(s) of existing access:

- ☒ All Season Road: Fairbanks Creek Road.
- ☐ Summer Cross Country Travel off of claim block that is not considered Generally Allowed Uses (Complete Box 17)
- ☐ Airstrip
- ☐ River
- ☐ Winter Cross Country Travel that is not generally allowed use (Complete Box 17)

Indicate type(s) of access to be constructed:

- ☐ Access Road
- ☐ Airstrip

Please describe your construction activities and include mitigation measures to protect water, fish and game resources. (A map outlining the route of construction activities is required). Attach additional pages if necessary:

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### CROSS COUNTRY TRAVEL

**Not Applicable**

(17)

**Summer Cross Country Travel:** Approvals for summer travel are issued from the DNR/DMLW Land section. Applications for LUPs may require sixty to ninety days to process and applications for easements may require six months to one year to process. A performance guarantee, insurance and fees are required before a permit will be issued and will only be released after travel is completed and no negative trail impacts have occurred.

**Winter Cross Country Travel:** May be approved when ground conditions will support the movement of heavy equipment. Existing roads and trails should be used whenever possible. The winter operation of ground contact vehicles for off-road travel must be limited to areas where ground frost and snow cover are adequate to prevent damage to the vegetation mat and underlying substrate. A completion report is required within 30 days of travel completion. Travel is generally not authorized after April 15<sup>th</sup> of each year (extensions may be granted as conditions allow).

A Cross Country Travel Route Map is required to obtain authorization. Is the map attached? ☐ Yes ☐ No

Name the individual(s) or business(es) who will be conducting the cross country travel:

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List all equipment and vehicles being transported from box 14, including vehicle weights:

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State the average total miles traveled in one round trip: \_\_\_\_\_. State the number of trips proposed: \_\_\_\_\_.

State the start and end date(s) or period(s) of proposed cross country travel: \_\_\_\_\_.

Select the following terrain type(s) that best describes your route of travel: ☐ Wetlands ☐ Tundra

☐ Uplands ☐ Rivers or Other Water Bodies ☐ Wooded Areas (6" Trees or larger at breast height)

Will water be needed to construct ramps/ ice bridges? ☐ Yes ☐ No

If Yes, estimated quantity of water will be used \_\_\_\_\_ gallons/day WaterSource: \_\_\_\_\_

**CROSS COUNTRY TRAVEL, CONTINUED****Not Applicable**Are you transporting fuel? ☐ Yes ☐ No

The volume of fuel and hazardous substances to be used is the total volume (in gallons) to be carried on one vehicle and any trailers or sleds that vehicle is towing.

Maximum volume of fuel (in gallons) that is being transported by one vehicle and any trailers or sleds it is towing:

Are you transporting other hazardous substances? ☐ Yes ☐ No If "yes", indicate type and amount (e.g. gallons, lbs, psi):

How are petroleum products contained? (i.e., drums, bladders, steel tanks, etc.) Indicate size of containers:

How are petroleum products being transported? (i.e., skid-mounted tank; trailer; 55 gallon drums on skid; etc.)

Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? ☐ Yes ☐ NoDo you have either a trained spill response team or a contract with a spill response company? ☐ Yes ☐ No

Describe any measures you plan to take to minimize drips or spills from leaking equipment or vehicles:

  
  
Does your cross country travel include the staging or storage of equipment or structures off the claim block? ☐ Yes ☐ No

If Yes, describe the location and dimensions of the long term or short term parking and/or storage areas.

  
  
**PETROLEUM PRODUCTS AT PROJECT SITE****(18)**

Will Petroleum Products Be Stored on the Project Site?

☒ 0-1,320 gallons of total storage (Secondary Containment recommended, but not required)☒ 1,321-10,000 gallons of total storage (count only containers greater than 55 gallon capacity). A self-certified Spill Prevention, Control, and Countermeasure (SPCC) plan is required and applies to all products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil. The self certified SPCC form can be downloaded at: <https://www.sfdph.org/dph/files/EHSdocs/ehsHMUPAdocs/TIERIQFSPCCPlan.pdf>.

BLM Operators are encouraged to use the optional BLM-Spill contingency plan that can be downloaded at:

[https://www.blm.gov/sites/blm.gov/files/BLM-AK\\_spill-contingency-plan\\_APMA\\_worksheetSup.pdf](https://www.blm.gov/sites/blm.gov/files/BLM-AK_spill-contingency-plan_APMA_worksheetSup.pdf)☐ 10,000+ gallons of total storage (count only containers with 55 gallons or greater storage capacity). An SPCC certified by a professional engineer is required and applies to all oil products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil.

See attachment. if fuel truck is used, it may be &gt;1,350 gallons, and will have an SPCC plan.

Indicate Distance Stored From Flowing Waters:

water bodies required by DNR is 100 feet). >200 Feet. (Minimum distance from naturally occurringIs waste oil stored on the project site? ☐ Yes ☒ No If yes, describe quantity and storage modality: \_\_\_\_\_Are fuel containment berms around storage containers? ☒ Yes ☐ No Is berm area lined? ☒ Yes ☐ No



**TEMPORARY STRUCTURES/FACILITIES**

(19)

Is a camp or placement of any temporary structure requested? ☐ Yes ☐ No

If No, Please explain: \_\_\_\_\_

**Describe all temporary improvements (including buildings, tent platforms, out-buildings, etc., including thier quantity, dimensions and building type.**What type of property is the camp located on? ☐ State ☐ Federal ☐ Private (Patented) ☐ City or Borough ☐ MHTL

If camp is on private land, provide location: \_\_\_\_\_

Proposed Perimeter Dimensions of Camp: \_\_\_\_\_ length (ft) \_\_\_\_\_ Width (feet).

☐ Request use of existing facilities, list ADL(s): \_\_\_\_\_☐ Year-Round ☐ Seasonal, from Approx. \_\_\_\_\_ to \_\_\_\_\_, annually.☐ Request to place temporary structures, list ADL(s): \_\_\_\_\_☐ Year-Round ☐ Seasonal, from Approx. \_\_\_\_\_ to \_\_\_\_\_, annually.

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed						
Tent						
Trailer						
Platforms						
Out-Buildings						
Other:						

\* If Required, list any other structures on a separate sheet, include dimensions, use and type.

**Grey water and Biological Waste** - Describe storage and proposed method of disposal(e.g.; leach line, septic, holding tank, or pit privy):  
\_\_\_\_\_  
\_\_\_\_\_**Solid Waste** - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal (e.g.; burn, haul away, buried).  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_What is the distance grey water, biological, and solid waste will be located from the ordinary high water mark of the nearest freshwater body (lake, stream, river, rivulet, etc.), or the mean high water mark of a saltwater body: \_\_\_\_\_. Will there be any use of animals ( horses, dogs, goats/sheep, etc)? ☐ Yes ☐ No**Required: Dismantle, Removal, and Restoration Plan:** Provide a plan for dismantling and removing structures, equipment, and storage tanks. Include the method and timeline for restoration of all location areas.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### MINING METHOD

(20)

☐ Mechanical Placer Mining (e.g., terrestrial open-cut operations with dozer or excavator, etc.)

Estimated cubic yards processed annually: \_\_\_\_\_

☐ Suction dredge      ☐ Mechanical dredge (e.g., excavator or clam-shell)

List all suction and mechanical dredges. If information is not applicable, write "N/A." Attach extra sheet if necessary.

	Dredge 1		Dredge 2		Dredge 3	
Vessel ID (Name or Number)						
Vessel Dimensions						
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches:	HP:	Inches:	HP:	Inches:	HP:
Mechanical Dredge Bucket Volume	Cubic Yards:		Cubic Yards:		Cubic Yards:	
Processing Rate	Yds. <sup>3</sup> /Hr.:		Yds. <sup>3</sup> /Hr.:		Yds. <sup>3</sup> /Hr.:	
Wastewater Discharge Rate	GPM:		GPM:		GPM:	
Maximum Water Depth	Feet:		Feet:		Feet:	
Average Daily Operating Hours						
Operation on Sea Ice (Yes/No)	Yes <input type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>	
Vessel Registration # / State	#:	State:	#:	State:	#:	State:

Location: ☐ Offshore / Salt Water

☐ Pond connected to stream

☐ Stream

☐ Pond isolated from stream

☐ Mine cut isolated from stream

### EXPLORATION TRENCHING and DRILLING

(21)

(Indicate target and trenching locations on sketch sheet and/or topographic map)

**Trenching:**    **Yes**    **No**

Estimated number of trenches to be excavated: 18      How long will trenches be open? 2-5 days

Average Size: Length: 1000      Feet      Width: 4      Feet      Depth: 650-5 ft      Feet

**Drilling:**    **Yes**    **No**

Up to 10 diamond drill holes; 20 shallow RC holes

Total Number of Holes To Be Drilled: See above      Type of Drill(s) Used: See above

Estimated Maximum Depth: 650      Feet      Diameter of Drill Rod/Casing Rod RC-4", DD ~4.5" (NQ/HQ/H, Etc.).

Will water be used? ☒ Yes ☐ No      Indicate how many pumps per water source: 1

Water source name(s): Bear Creek, Deep Creek, Heim Creek, Miller Creek, Kokomo Creek

**\*Describe detailed drill plan, closure, plugging methodology, reclamation and abandonment in project narrative.\***

Trench/Drilling Location and Mining Claim Information			
Trench/Drill ID on Map	ADL/BLM/USMS NUMBER	Decimal Degrees, NAD 83 Datum	
		Latitude	Longitude (approximate)
	See attachment		

If more than 8 trenches/drill sites, please provide data in tabular format ([http://dnr.alaska.gov/mlw/forms/19apma/AHEA\\_ReclamationSpreadsheet.xls](http://dnr.alaska.gov/mlw/forms/19apma/AHEA_ReclamationSpreadsheet.xls).)



NOT APPLICABLE

**EXPLOSIVES**

(22)

Will explosives be used? ☐ Yes ☐ No If "Yes", Indicate: Type: \_\_\_\_\_ Amount: \_\_\_\_\_.

Explosive Handler's Certification/ATF Permit Numbers: \_\_\_\_\_

Describe your blast design, blast schedule, and explosives handling plan in the project narrative.

**DAMS**

(23)

☐ No dam required ☐ Existing ☐ To be constructed

Proposed Structure: ☐ Temporary ☐ Permanent

Purpose: ☐ Makeup water pond ☐ Settling/recycle pond ☐ Stream diversion Other: \_\_\_\_\_

Length: \_\_\_\_\_ ft Height: \_\_\_\_\_ ft Width At Crest: \_\_\_\_\_ ft Width At Base: \_\_\_\_\_ ft

Note: Height should be measured from the lowest point at either the upstream or downstream toe of the dam to the crest of the dam.

Water impoundment capacity (if known): \_\_\_\_\_ acre-feet

**IN-STREAM ACTIVITIES and STREAM CROSSINGS**

(24)

List any equipment that will be crossing streams (including low-water crossings along established trails/roads) or used in any natural waterbody (refer to Box 14 if necessary). or used in-stream (refer to Box 14 if necessary):

No streams to be crossed by equipment

List all stream crossings, suction dredge or pump locations, including unnamed streams.

	Stream Name/ Water Source	NAD 83 Datum (approximate) Coordinates can be obtained using Alaska Mapper <a href="http://dnr.alaska.gov/mapper/controller">http://dnr.alaska.gov/mapper/controller</a>		MTRSC ¼ ¼ Ex: F001S001N01 SWSW	Check boxes to indicate type(s) of activity		
		Latitude ddd.mmmm	Longitude -ddd.mmmm		Crossing	Dredging	Water Intake
1.	See attachment.				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If in-stream activities and/or stream crossings are requested at more than 5 locations, please provide tabular data format (DNR template available at <http://dnr.alaska.gov/mlw/forms/?tab=mining>).

## WATER USE AUTHORIZATIONS

Water usage (including from 100% recycle systems) may require approval by either Temporary Water Use Authorization or a Water Right. Information provided below will be used to determine the quantity of water that you may be authorized to use for your mining operation. When estimating water quantities, please estimate withdrawal amounts typical of a dry summer and provide the maximum quantity that you may withdraw from a particular source (e.g. stream, pond, groundwater, etc.) in a season.

A Temporary Water Use Authorization application may be initiated from this APMA application unless a Water Right is requested. Please contact the ADNR, Water Resources Section at telephone number (907) 451-2790 if interested in a Water Right or for more information.

### Water use for exploration; See part E

#### A. START-UP WATER AND MAKE-UP WATER:

Is water withdrawn from any lake, stream, creek, river, etc. (does not include recycling/settling ponds)? ☐ Yes ☒ No

What is the name(s) of the lake, stream, creek, river, etc.? \_\_\_\_\_

What are the months of water use needed (for example May 1<sup>st</sup> through October 31<sup>st</sup>)? \_\_\_\_\_

**Start-up water:** Is water required at the start of the season to fill your recycle/settling pond system?

☐ Yes (if **YES**, complete information below). ☒ No If yes, what is the source name? \_\_\_\_\_

Source: ☐ Seepage infiltration from groundwater gained from cut and/or stream  
☐ Diversion ditch from stream. Number of days diverting from stream for start-up water: \_\_\_\_\_  
☐ Water intake rate: \_\_\_\_\_ gpm \_\_\_\_\_ hrs/day  
☐ Pump from stream. Number of days pumping from stream for start-up water: \_\_\_\_\_  
☐ Number of water pumps for start-up water: \_\_\_\_\_ Water intake rate (list for each pump): \_\_\_\_\_ gpm  
 \_\_\_\_\_ hrs/day

**Make-up water:** Is water required to maintain water level in your recycle/settling pond system?

☐ Yes (if **YES**, complete information below). ☐ No If yes, what is the source name? \_\_\_\_\_

Source: ☐ Seepage infiltration from groundwater gained from cut and/or stream  
☐ Ditch from stream. Number of days diverting from stream for make-up water: \_\_\_\_\_  
☐ Water intake rate: \_\_\_\_\_ gpm \_\_\_\_\_ hrs/day  
☐ Pump from stream. Number of days pumping from stream for make-up water: \_\_\_\_\_  
☐ Number of water pumps for make-up: \_\_\_\_\_ Water intake rate (list for each pump): \_\_\_\_\_ gpm  
 \_\_\_\_\_ hrs/day Pump intake size: \_\_\_\_\_ inches

#### B. RECYCLE/SETTLING POND SYSTEM.

Beaver ponds or other natural water features will not be permitted for use as settling ponds.

Is a pre-settling pond used?: ☐ Yes ☐ No Is recycle used?: ☐ Yes ☐ No

How many ponds are used in the recycle system? \_\_\_\_\_

Recycle pond is pond #: \_\_\_\_\_ Settling pond is pond #: \_\_\_\_\_

#### C. RECYCLE/SETTLING POND SYSTEM (continued).

Indicate Length (L), Width (W), and Depth (D) of each pond:

Pond # 1: L: _____ ft	W: _____ ft	D: _____ ft	Pond # 2: L: _____ ft	W: _____ ft	D: _____ ft
Pond # 3: L: _____ ft	W: _____ ft	D: _____ ft	Pond # 4: L: _____ ft	W: _____ ft	D: _____ ft
Pond # 5: L: _____ ft	W: _____ ft	D: _____ ft	Pond # 6: L: _____ ft	W: _____ ft	D: _____ ft



Estimated hours per day that pump(s) will be used, return line size (in inches), operating pump rate (in gallons per minute), and water usage days per month:

Pump #1: \_\_\_\_\_ hrs/day \_\_\_\_\_ inches \_\_\_\_\_ gpm \_\_\_\_\_ days/month

Pump #2: \_\_\_\_\_ hrs/day \_\_\_\_\_ inches \_\_\_\_\_ gpm \_\_\_\_\_ days/month

Pump #3: \_\_\_\_\_ hrs/day \_\_\_\_\_ inches \_\_\_\_\_ gpm \_\_\_\_\_ days/month

#### **D. CAMP WATER USE.**

Is camp water used? ☐ Yes ☐ No

Maximum number of persons present in camp at a time \_\_\_\_\_

Camp water source: ☐ Well ☐ Haul ☐ Stream ☐ Spring ☐ Lake

Name of water source (if any): \_\_\_\_\_.

Camp pump intake diameter: \_\_\_\_\_ Camp pump rate: \_\_\_\_\_ gpm \_\_\_\_\_ hrs/day

#### **E. EXPLORATION ACTIVITIES.**

Is water required for exploration activities? ☒ Yes ☐ No

If **YES**, What types of exploration activities are being performed? ☐ Trenching ☒ Drilling

If **YES**, How many total pumps are used in the exploration activities? 1 (Max pumps per source).

Estimated hours per day that pump(s) will be used, return line size (in inches), operating pump rate (in gallons per minute), and water usage days per month: Pump #1: 24 hrs/day 2 inches 14 gpm 31 days/month

#### **A map of your requested drilling water sources is required with the following information:**

-MTRS sections,

-stream reaches or other water sources (please label, including take points if known)

-and drill hole locations

#### **F. SUCTION DREDGING.**

If suction dredging activity is occurring please ensure that you have completed the dredge table in Section (20) MINING METHOD.

#### **TIMBER CLEARING AND USE (Operations on State Lands Only)**

#### **Trail Clearing Only**

(26)

Pursuant to AS 38.05.255, timber from land open to mining without lease, except "timberland", may be used by a mining claimant or prospecting site locator for the mining or development of the location or adjacent claims under common ownership. Timber not used for the mining or development of the location or adjacent locations, that is removed from the operation must be acquired via timber sale or written letter of non-objection from the Alaska Division of Forestry.

For questions on the appropriate use of timber on federal mining claims, contact your local BLM field office.

On other lands ("timberlands" and in areas that are closed to mining without lease), timber cleared, used and/or removed must be acquired via a timber sale or a written letter of non-objection from the Alaska Division of Forestry.

Will timber be used for the mining or development of the location or lease? ☐ Yes ☒ No

Describe the timbered area or areas to be cleared; include a map or drawing of the areas of timber to be cleared.

Only small trails will be cleared/mulched for equipment access.

Describe the amount of timber to be used for the mining or development of the location or lease and the clearing methods you will use.

Are more than 40 acres of timbered area(s) to be cleared? ☐ Yes ☒ No

11 AAC 86.145. "A classification or designation indicating that timber and other forest products of significant value are included within a mining property is prima facie evidence that the land on which the property is located is considered to be "timberlands" for purposes of AS 38.05.255"

**WASTEWATER DISCHARGE PERMIT APPLICATION**

(27)

All mechanical placer mine, suction dredge, and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC. See Cover Pages for a list of APDES permit fees.

Operations wishing to discharge under the APDES Small Suction Dredge General Permit (dredges with intake diameters of 6" or less, or highbankers) may skip this section but must complete annual online registrations, including \$25 fee payments, at <http://alaska.gov/go/2MPF>.

Previously issued DEC-APDES Wastewater discharge permit #: \_\_\_\_\_

Do you want this APMA to act as an application or renewal for any of the following APDES general permits (GPs)\*:

Mechanical Placer Miners GP (open-cut terrestrial operations): ☐ Yes ☐ No

Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): ☐ Yes ☐ No

Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): ☐ Yes ☐ No

**Waterbody the discharge flows directly into, or would potentially flow:** \_\_\_\_\_

**Approximate coordinates of mine site:**

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Source (e.g., DNR - Alaska Mapper): \_\_\_\_\_

\*Mechanical placer operations that do not elect coverage under the Mechanical Placer Miners GP may be required to obtain coverage under the Multi-Sector General Permit for Storm Water. Contact DEC to terminate a permit.

**Optional\* - Mixing Zone Request or Termination for Mechanical Placer Mine Operations**

Do you wish to apply for a mixing zone and modified turbidity limit from DEC? ☐ Yes ☐ No

If a mixing zone is requested, provide the following:

Coordinates of discharge location: Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Maximum Effluent Flow anticipated from your operation \_\_\_\_\_ (GPM) [must be greater than zero (0)].

Distance to nearest downstream drinking water source \_\_\_\_\_ and downstream placer mine \_\_\_\_\_.

Do you wish to terminate an active authorized mixing zone? ☐ Yes (APDES# \_\_\_\_\_) ☐ No

\*A mixing zone authorizes an increase in the permit's turbidity limit based on available dilution from the surface water. Permittees without mixing zones must meet the water quality standard for turbidity at the point of discharge into the surface water.

**Certification Statement – applicable only to information required for DEC authorizations  
(required for all DEC permit or mixing zone applicants)**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Signature of Responsible Party:** \_\_\_\_\_

**Responsible Party Name (First Last, Position) - Printed:** Dave Larimer, VP Exploration

**Business Name (if applicable) - Printed:** Felix Gold





## STREAM DIVERSION

(29)

**A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED:** Plan Map of Operation included in the APMA should show the entire length of the diversion (i.e. where the water is diverted from the natural stream channel to where it returns to the natural stream channel) with start and end locations clearly marked. Operations on BLM lands that are proposing a stream diversion are encouraged to contact their local field office as early as possible in the permitting process due to additional requirements.

**Please note:** If you have a stream diversion structure; this structure may also qualify as a dam and be subject to the Alaska Department of Natural Resources Dam Safety Program per definitions provided in AS 46.17.900(3). Complete Section 23 (regarding a Dam) of this APMA. If you require further regulatory guidance regarding dams, please contact our Dam Safety and construction Unit, Dam Safety Engineer at telephone number (907) 269-8636 or for more information go to the Alaska Dam Safety Program website at: <http://dnr.alaska.gov/nlw/water/dams/>

**Is stream diversion required?** ☐ Yes (if Yes, complete information below). ☐ No

Stream Name: \_\_\_\_\_

☐ Existing (Date Constructed \_\_\_\_\_) ☐ To Be Constructed (Date \_\_\_\_\_)

**If a diversion is required or pre-existing, please contact your local ADF&G, Habitat Section for Fish Habitat Permitting information. To facilitate permit issuance, please provide the following information:**

Is Stream Diversion? ☐ Permanent ☐ Temporary \_\_\_\_\_ year(s) \_\_\_\_\_ months

Will diversion be reclaimed annually prior to freeze-up or be retained throughout the mine life?

☐ Annually reclaimed/returned to natural stream ☐ Maintained throughout mine life

Dimensions of existing stream in diversion area:

Length \_\_\_\_\_(ft) Top Width \_\_\_\_\_(ft) Bottom Width \_\_\_\_\_(ft) Depth \_\_\_\_\_(ft) Floodplain Width \_\_\_\_\_(ft)

Dimensions of proposed diversion:

Length \_\_\_\_\_(ft) Top Width \_\_\_\_\_(ft) Bottom Width \_\_\_\_\_(ft) Depth \_\_\_\_\_(ft) Floodplain Width \_\_\_\_\_(ft)

Dominant substrate type (Choose Two): ☐ Bedrock ☐ Boulder ☐ Cobble ☐ Gravel ☐ Sand ☐ Silt/Clay

Note: Diversion should approximate the existing stream in terms of meander bends, length, depth, stream width, and floodplain width.

**(Please provide plan and profile diagrams of diversion in Section 30, PLAN MAP OF OPERATION)  
or attach additional sheets as necessary**



VICINITY MAP

SEE ATTACHMENT

Date Prepared:	Applicant Name:
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP:	
Sec.(s) _____ Township _____, Range _____, Meridian _____	
Scale: 1" = _____	ADLs: _____
SHEET OF	APMA #

(Attach additional sheets, along with detailed explanations as necessary)

**CROSS SECTION SKETCH \*REQUIRED****BEFORE ACTIVITY****(31)**

SEE ATTACHMENT

**DURING ACTIVITY****AFTER ACTIVITY**

Date

Prepared:

Applicant Name:

**STATE OF ALASKA**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF MINING, LAND AND WATER**

**MAP:**

Sec.(s) \_\_\_\_\_ Township \_\_\_\_\_, Range \_\_\_\_\_, Meridian \_\_\_\_\_

Scale: 1" = \_\_\_\_\_

ADLs:

SHEET OF

APMA #



**HARDROCK NARRATIVE \*REQUIRED**

(32)

A narrative of the operation is required. Please use this space to describe the access, process, environmental protection measures and reclamation measures to be used for the duration of this permit. Use prompts provided below and include any additional information relevant to the proposed activities. **SEE ATTACHMENT**

**DESCRIBE ACCESS TO PROPERTY, DRILL/TRENCH SITES, INCLUDING LENGTH AND TYPE OF ACCESS ROUTES. DESCRIBE ACCESS RECLAMATION MEASURES TO BE CONDUCTED AND TIMELINE:**

**DESCRIBE EXPLORATION METHOD, SCOPE OF WORK PROPOSED, EQUIPMENT, WHEN AND WHERE ACTIVITIES WILL OCCUR, PERSONNEL HOUSING LOCATION AND CAMP DESCRIPTION:**

**DESCRIBE SITE PREPARATION ACTIVITIES AND PRE-RECLAMATION MEASURES:**

**DESCRIBE PAD CONSTRUCTION AND DIMENSIONS:**

**DESCRIBE DRILL WASTE AND DRILL WATER MANAGEMENT, DRILL FLUIDS AND DISPOSAL METHODS. ATTACH MSDS/SDS FOR ALL SUBSTANCES:**

**DESCRIBE FUEL HANDLING AT EXPLORATION SITES DRILL (PADS AND TRENCHES) AND OFF SITE (CAMP OR BASE OPERATIONS). DISCUSS SPILL PREVENTION AND RESPONSE PLAN:**

**DESCRIBE WATER USE INCLUDING ESTIMATE OF DAILY WATER USE:**

**DESCRIBE HOW THE OPERATION WILL AVOID AND/OR MITIGATE POTENTIAL IMPACTS TO FISH, WILDLIFE AND CULTURAL RESOURCES:**

**DESCRIBE CLOSURE, PLUGGING METHODOLOGY, SURFACE RECLAMATION AND ABANDONEMENT:**

# Northeast Fairbanks Area 2022 Hardrock Exploration Project

## Felix Gold Alaska Operations Inc.

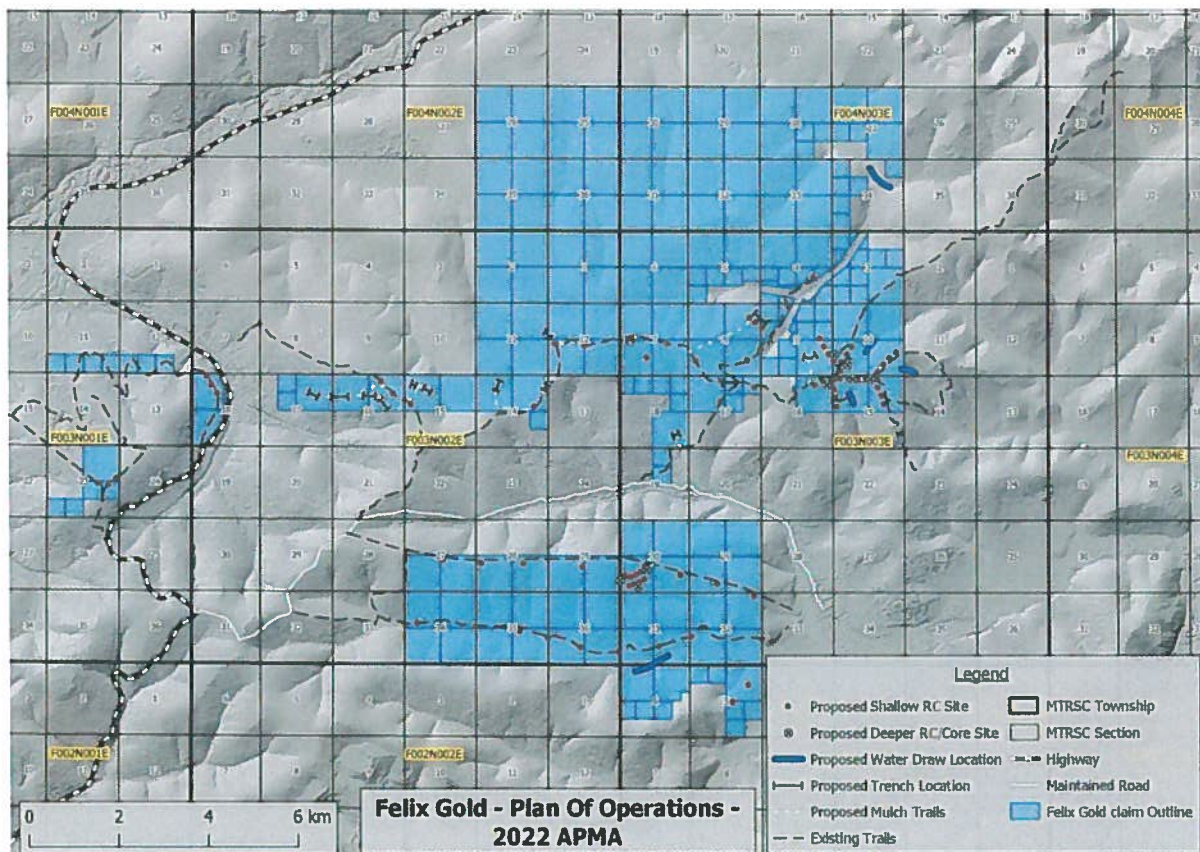
### Project Description

#### February 2022

## Project Overview

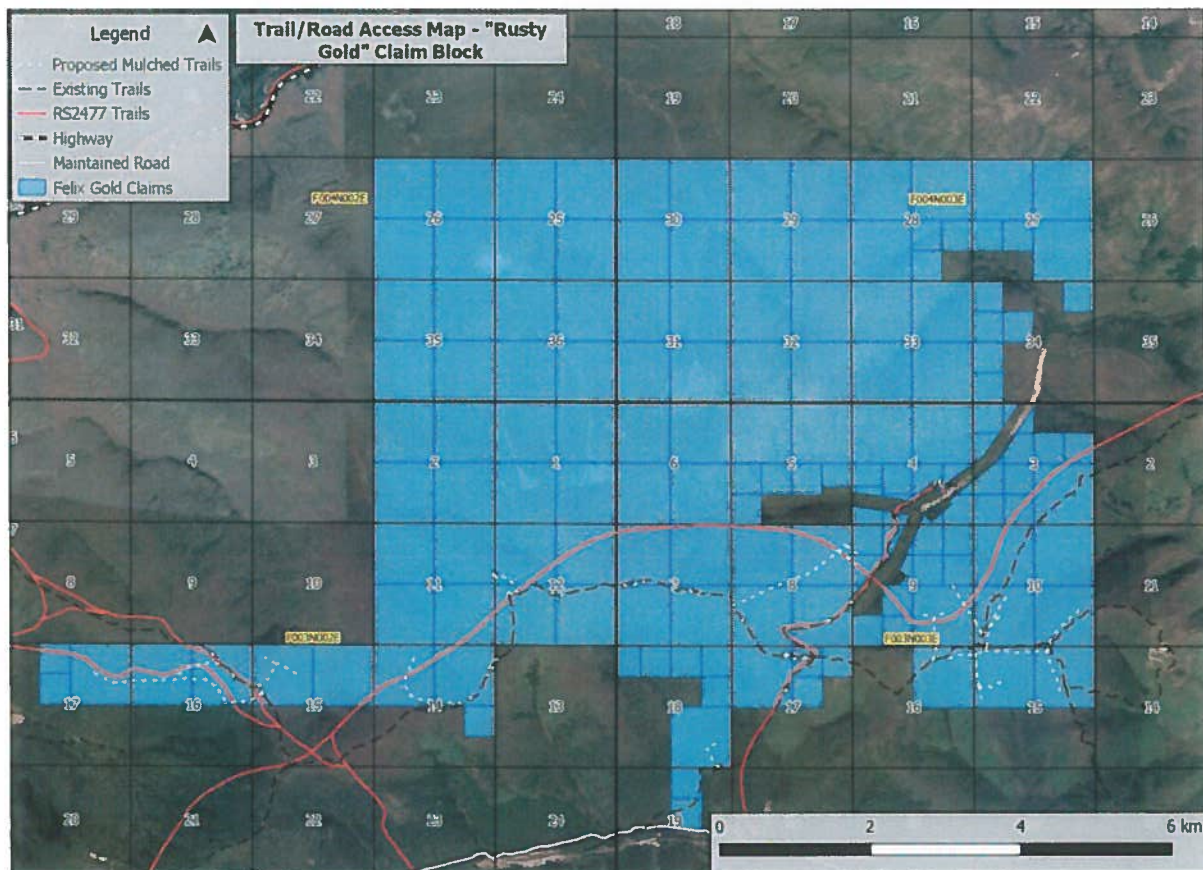
Felix Gold Alaska Northeast Fairbanks Inc. proposes to conduct hardrock mineral exploration on state mining claims on state land northeast of Fairbanks, Alaska along the Steese and Elliott Highways. The claim block and overall project area is provided in Figure 1. All of the claims shown will be included in this permit (See Attachment 1, Table 5).

**Figure 1: Northeast Fairbanks Exploration Project Area, With Overall Exploration Plans**



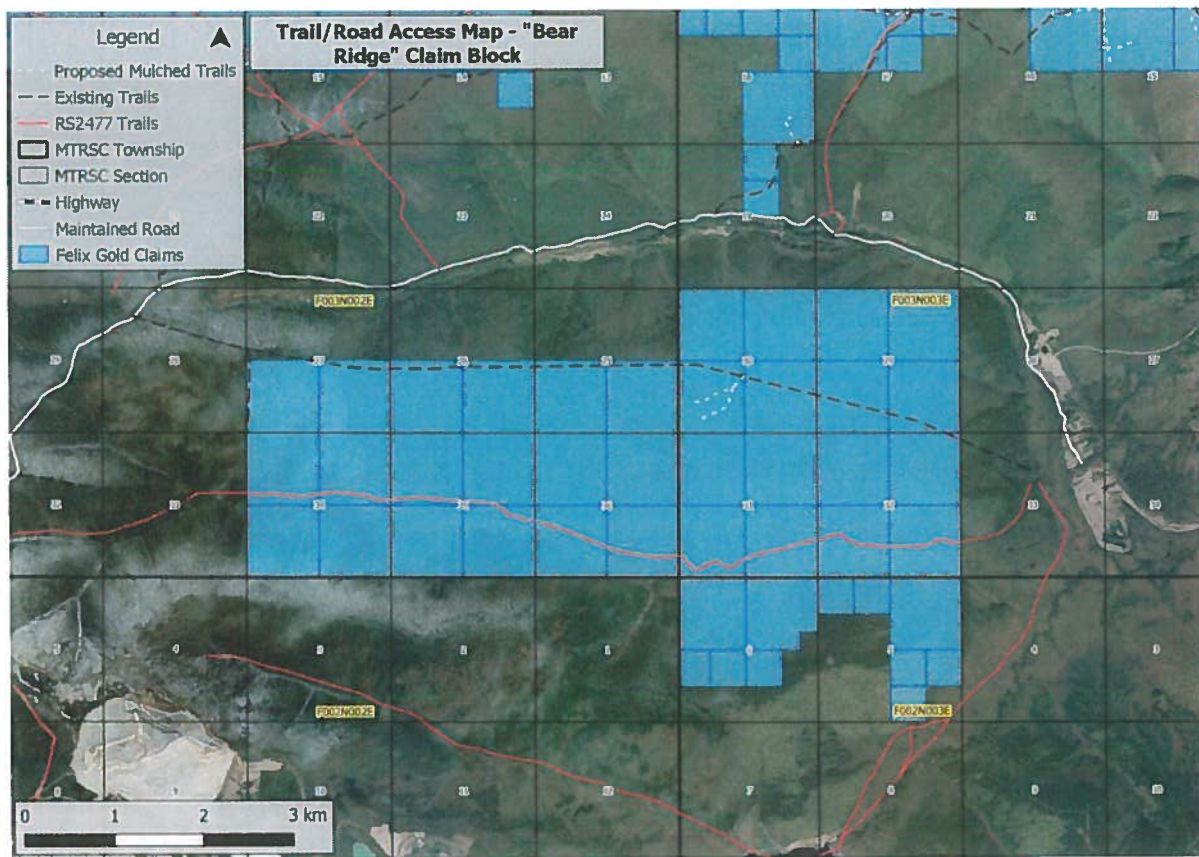
In 2022, the company proposes to implement various mineral exploration techniques throughout most of the displayed claim blocks. It proposes stream sediment sampling, exploration trenching, 10 diamond/RC exploration holes and up to 84 shallow RC drill hole, shown in Figure 1 (and in Figures 5-11). Below, Figures 2, 3 and 4 show known access to exploration areas as well as proposed mulched trails for access. In such case, the vegetative mat is left undisturbed. Depending on results of work in 2022, additional exploration work may occur in future years but would be the subject for additional permitting.

**Figure 2. Exploration Area, “Rusty Gold” Claim Block - Roads, Existing Trails, and Proposed Mulched Trails**

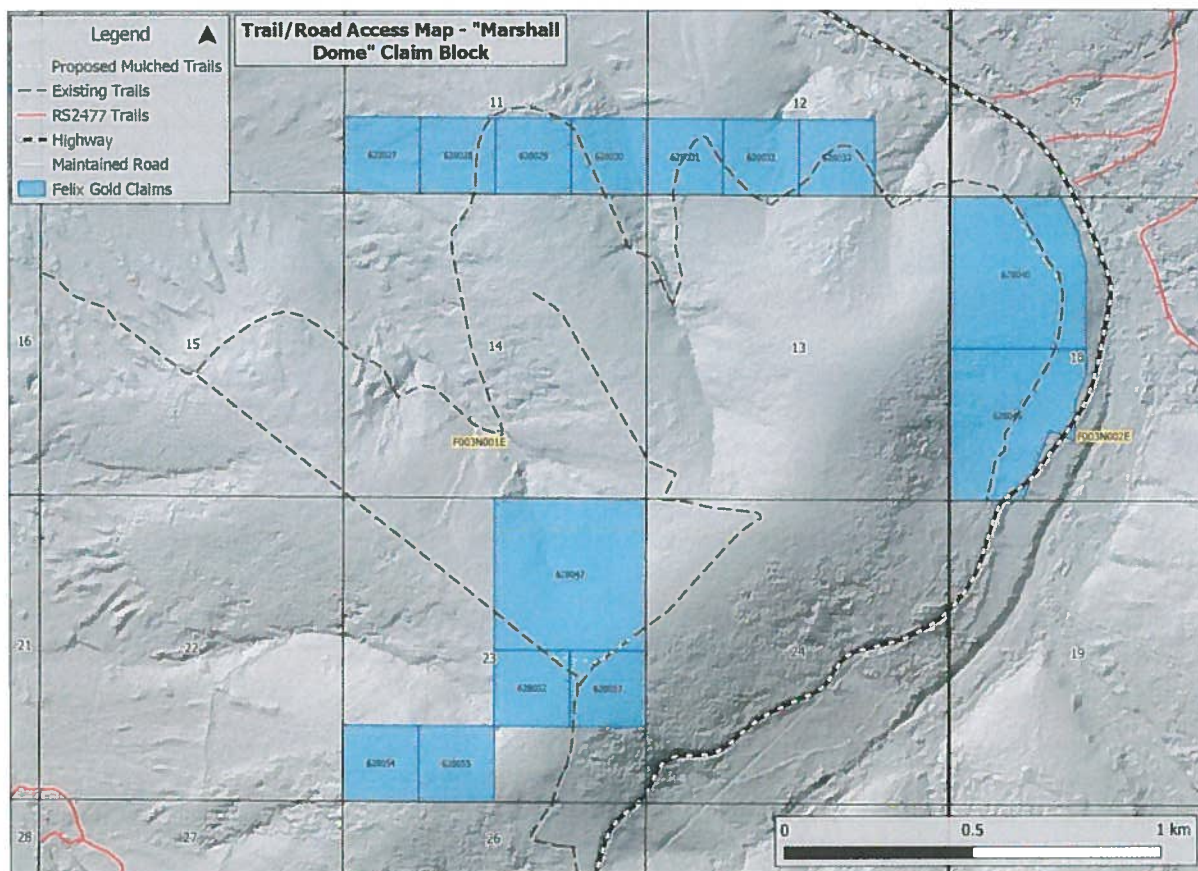




**Figure 3: Exploration Area, "Bear Ridge" Claim Block, Roads, Existing Trails, and Proposed Mulched Trails**



**Figure 4: Exploration Area, “Marshall Dome” Claim Block, Roads, Existing Trails, and Proposed Mulched Trails**



The project proposes to begin April 1, 2022 (or whenever the permit is granted, whichever is later) and may extend to November 30, 2022. The project would be accomplished by crews based out of Fairbanks – the company is not proposing a camp on site. A total of 15 workers would be employed by the project, though no more than 10 would be on site at any one time. Drilling will occur in shifts potentially working 24 hours per day, seven days per week.

Equipment would get to the sites in Figure 1 (shown more closely in Figures 5-10) from the nearby existing road system by clearing existing over-grown trails from previous mineral exploration and in some cases clearing new trails. Trails would be cleared by mulching the large vegetation, leaving the vegetative mat intact, and thereby clearing the trail to approximately a 12-foot width to accommodate equipment.

## Project Detail

**Project Location and Land Status.** The project is located on state mining claims within Fairbanks Meridian in the following sections:

- T2N, R3E, Sec: 5-6
- T3N, R1E, Sec: 11-12, and 23
- T3N, R2E, Sec: 1-2, 11-12, 14-18, 25-27, and 34-36
- T3N, R3E, Sec: 3-10, 15-19, and 29-32
- T4N, R2E, Sec: 25-26 and 35-36
- T4N, R3E, Sec: 27-34
- ~~T4N, R4E, Sec: 30-33~~

Attachment 1 lists the claims that are a part of this application. The claim list corresponds to the claim map in Figure 1. Owner Authorizations for Felix Gold Alaska Operations Inc. to use the claims are provided with the APMA forms attached to this application.

There is also land owned by the Alaska Mental Health Trust in the area. Felix Gold Alaska is discussing potential activities on Mental Health Trust land, but drilling and mineral exploration on those lands is not part of this exploration application.

## Exploration and Reclamation Activities.

As part of this permit application, the company proposes to drill up to 10 diamond or reverse circulation drill holes (diamond/RC). Shown in Figures 5, 9, and tabulated in Table 2. Average depth will be approximately 492 feet (150 meters), and the maximum depth will be 820 feet (250 meters). The drill rig for each hole would require a cleared pad of approximately 30 feet by 30 feet on which to base the drill. Each drill pad is therefore approximately 0.02 acres. Vegetation and topsoil would be stockpiled, and each drill pad will be reclaimed before it is abandoned. Therefore, total unreclaimed disturbance would be limited to one or two drill pads, during the time the project transitions from one pad to another, or up to 0.04 acres. The total project disturbance due to the drill pads, including reclaimed disturbance areas, could be up to 0.2 acres. The construction-reclamation sequence is provided Attachment 2 to this description.

The drills may use drilling muds to aid drilling. The muds will be recycled in an above-ground tank or disposed in small, excavated sump on the drill pad. Topsoil and organics for the sump will be stockpiled and respread when the sump is filled in after the drill site is abandoned and reclaimed. No drill muds will be discharged to a wetland or within 100 feet of running water. Safety Data sheets for drill muds which may be used are included as a separate file with the permit and this narrative.



In addition to the diamond/RC drill holes, the project is proposing to drill up to 82 shallow RC drill holes. Holes will have an average depth of 196 feet (60 meters), maximum hole depth for RC holes will be 395 feet (120 meters). The diameter of the drill casing is approximately 4 inches. The RC drill itself is mounted on a ~5'x8' frame on low-ground-pressure tracks. The drill can be moved and work on the tracks without significant disturbance to the vegetative mat. The RC equipment can drill without requiring a constructed drill pad. Where accidental disturbance of the mat does occur, the project will, as appropriate, replace the disturbed vegetative mat and, if there appears significant potential for erosion, will place mulch or other vegetation on the site to impede surface flow of water. **The RC rig to be used will not require water during shallow drilling.** Actual ground disturbance by the RC drill is limited to the drill collar itself and a small area where wooden timbers may be required to level the drill. Total surface disturbance will be approximately 10 square feet or 0.0002 acres per hole. Each hole will be reclaimed after being used. Allowing for some work while the drill is beginning a subsequent hole, total unreclaimed disturbance should be limited to 0.001 acres or less. All drilling plans are shown in Figures 5 and 8 and Tables 1 and 2.

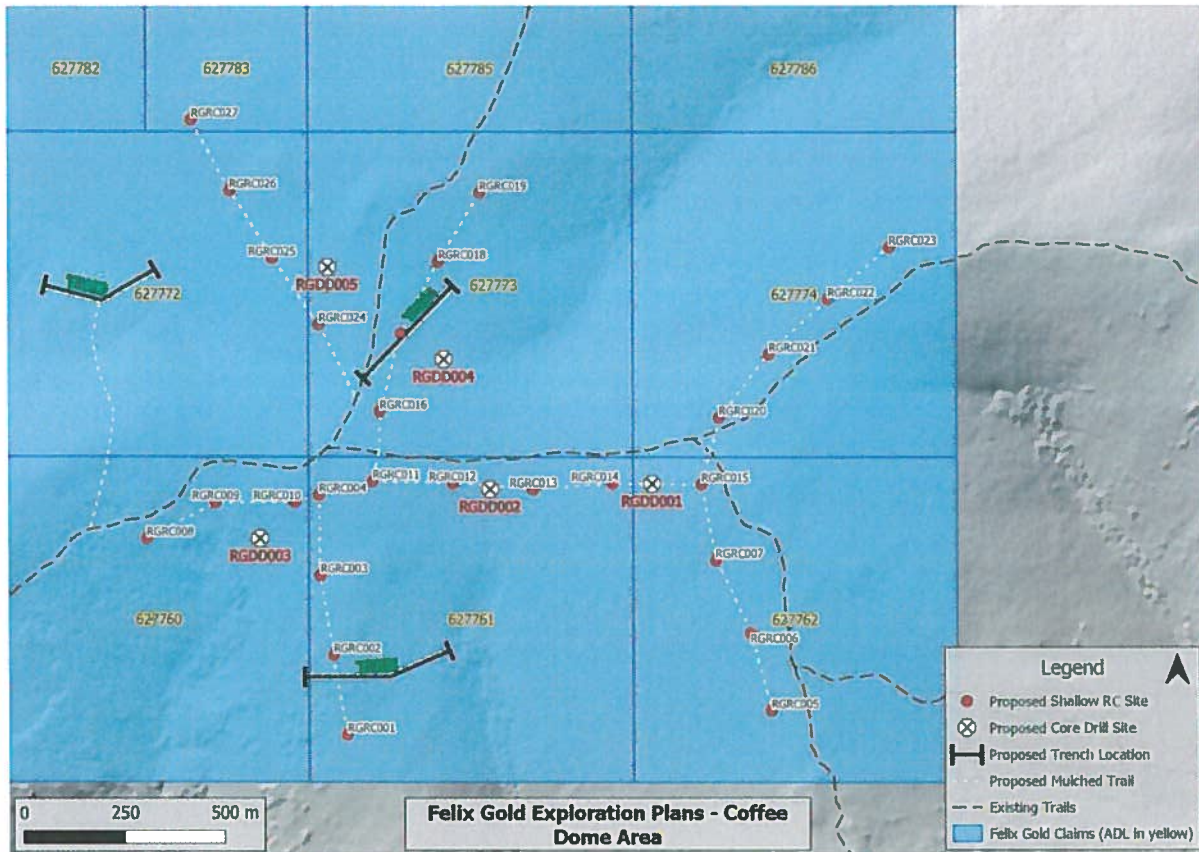
In addition to drilling, the company plans to implement up to 20 exploration trenches to determine near surface structural data. The trenching plan is shown in Figures 5, 6, and 7 and Table 3. A mulched trail would be installed from the nearest existing trail, run along the proposed length of trench, and return to nearest existing trail without disturbing the vegetative mat. Trenches are proposed to be on average 200m long, 1m wide, and approximately 1-2m deep using a Kubota-like excavator as listed in the equipment section of the application and this description. The company plans to reclaim trenches right after sampling and mapping is completed, with a maximum of ~0.06 acres unreclaimed at any one time. A cross-section of the proposed trenching and reclamation is shown in Attachment 2. Drilling and trenching would not be conducted simultaneously.

The company also proposes a property wide stream sediment campaign within the claim blocks. This initial sampling plan can be seen in Figure 11. Stream sediment sampling will consist of field geologists traversing creek beds within the claim blocks and collecting fine-grained sediments on a fixed distance interval. Shovels and near surface material do not require any disturbance to be recorded with this sampling type.

Total disturbance under the permit, including reclaimed areas will be roughly 2 acres due to clearing for the diamond/RC drill pads and exploration trenching. To allow for potential for disturbance during road clearing and some extra for contingency, the company is estimating total disturbance, including reclaimed areas, to be less than 3 acres. As noted above, each trench and drill pad will be reclaimed as it is abandoned. If disturbance occurs on the trails, that disturbance may remain unreclaimed for use in future years but will be reclaimed before the project is abandoned.

Because total disturbance is less than five acres, the project is not required to submit a reclamation bond to DNR. However, the project has volunteered to join DNR's reclamation bond pool to assure that funds are available for reclamation. In addition, the company remains responsible to complete the reclamation as outlined in this permit and as required by law.

Figure 5: Proposed Trenching, Drilling, and Exploration – “Rusty Gold” Claim Block



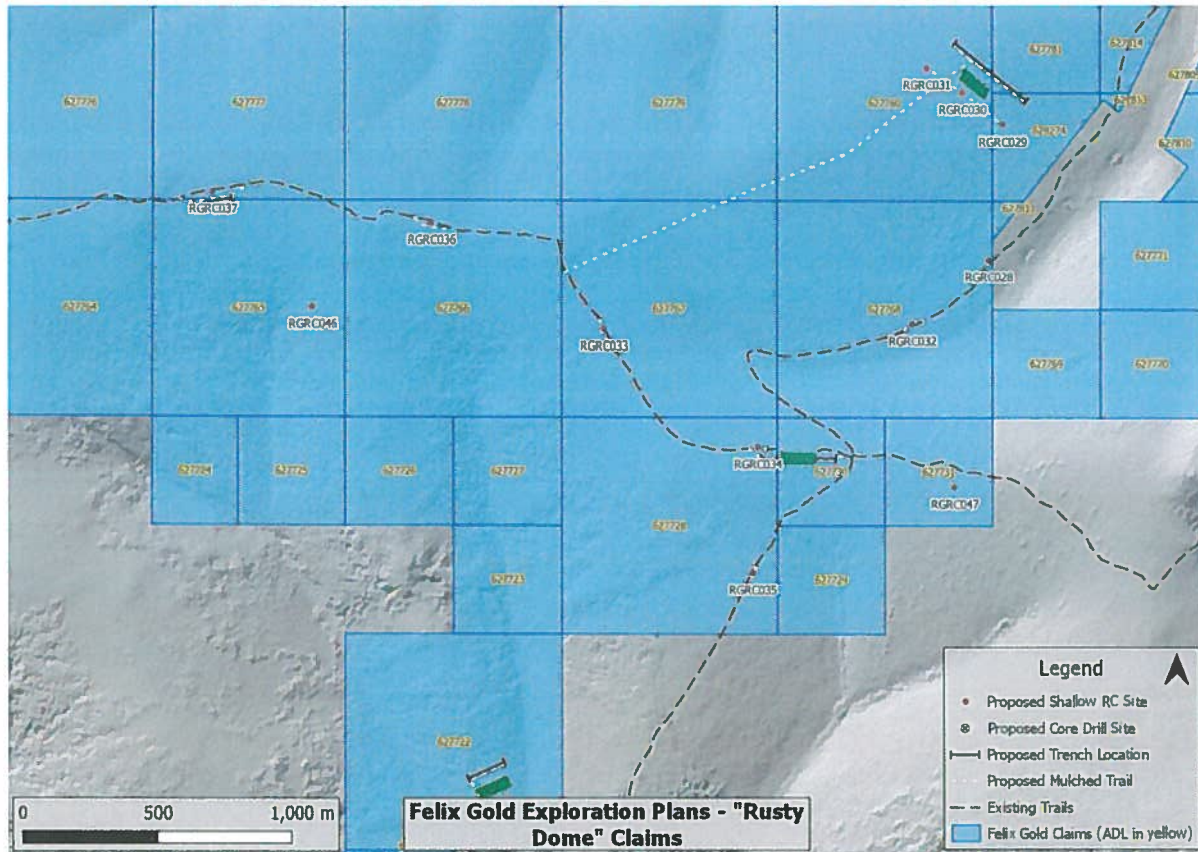
Proposed Shallow RC Drill Holes							
Hole ID	Location (UTM NAD83 Z6N)			Hole ID	Location (UTM NAD83 Z6N)		
	Easting	Northing	Claim ADL		Easting	Northing	Claim ADL
BRR001	489017	7214538	627859	RGRC014	494420	7218919	627761
BRR002	489140	7214519	627859	RGRC015	494641	7218916	627762
BRR003	489257	7214562	627859	RGRC016	493843	7219098	627773
BRR004	489360	7214632	627859	RGRC017	493896	7219291	627773
BRR005	489105	7214317	627859	RGRC018	493989	7219468	627773
BRR006	489223	7214359	627859	RGRC019	494092	7219638	627773
BRR007	489337	7214409	627859	RGRC020	494685	7219082	627774
BRR008	489447	7214468	627859	RGRC021	494810	7219238	627774
BRR009	484945	7214895	627854	RGRC022	494956	7219374	627774
BRR010	485803	7214827	627855	RGRC023	495109	7219502	627774
BRR011	486742	7214813	627856	RGRC024	493691	7219313	627773
BRR012	488056	7214745	627857	RGRC025	493578	7219477	627772
BRR013	489465	7214766	627859	RGRC026	493473	7219645	627772

BRR014	490248	7214562	627860	RGRC027	493378	7219821	627783
BRR015	491072	7214364	627861	RGRC028	492365	7219576	627768
BRR016	491889	7214092	627852	RGRC029	492098	7220079	628274
BRR017	484356	7213489	627843	RGRC030	491947	7220197	627780
BRR018	485677	7213421	627844	RGRC031	491815	7220289	627780
BRR019	486647	7213319	627836	RGRC032	491759	7219339	627768
BRR020	487284	7213170	627836	RGRC033	490609	7219322	627767
BRR021	488012	7212955	627837	RGRC034	491181	7218882	627728
BRR022	488870	7212856	627838	RGRC035	491160	7218416	627728
BRR023	489758	7212969	627840	RGRC036	489966	7219716	627766
BRR024	490473	7213187	627841	RGRC037	489149	7219832	627777
BRR025	491749	7212114	627832	RGRC038	488117	7219669	627763
BRR026	491395	7211733	627826	RGRC039	487464	7219706	627763
BRR027	489635	7211774	627828	RGRC040	487277	7218712	628008
BRR028	489652	7211750	627825	RGRC041	486998	7218311	628008
RGRC001	493761	7218299	627761	RGRC042	484234	7218362	628020
RGRC002	493726	7218495	627761	RGRC043	483849	7218607	628021
RGRC003	493694	7218693	627761	RGRC044	483577	7218882	628021
RGRC004	493691	7218892	627761	RGRC045	493240	7221187	627820
RGRC005	494813	7218357	627762	RGRC046	489521	7219406	627765
RGRC006	494763	7218549	627762	RGRC047	491916	7218733	627731
RGRC007	494677	7218728	627762	RGRC048	492643	7220600	627815
RGRC008	493264	7218784	627760	MDRC001	477656	7216719	628047
RGRC009	493436	7218874	627760	MDRC002	477472	7216587	628053
RGRC010	493632	7218873	627760	MDRC003	477243	7216616	628052
RGRC011	493825	7218925	627761	MDRC004	479919	7218614	628040
RGRC012	494024	7218919	627761	MDRC005	479793	7218795	628040
RGRC013	494223	7218904	627761	MDRC006	479688	7218999	628040

*Table 1: Proposed Shallow RC Drill Hole Locations*



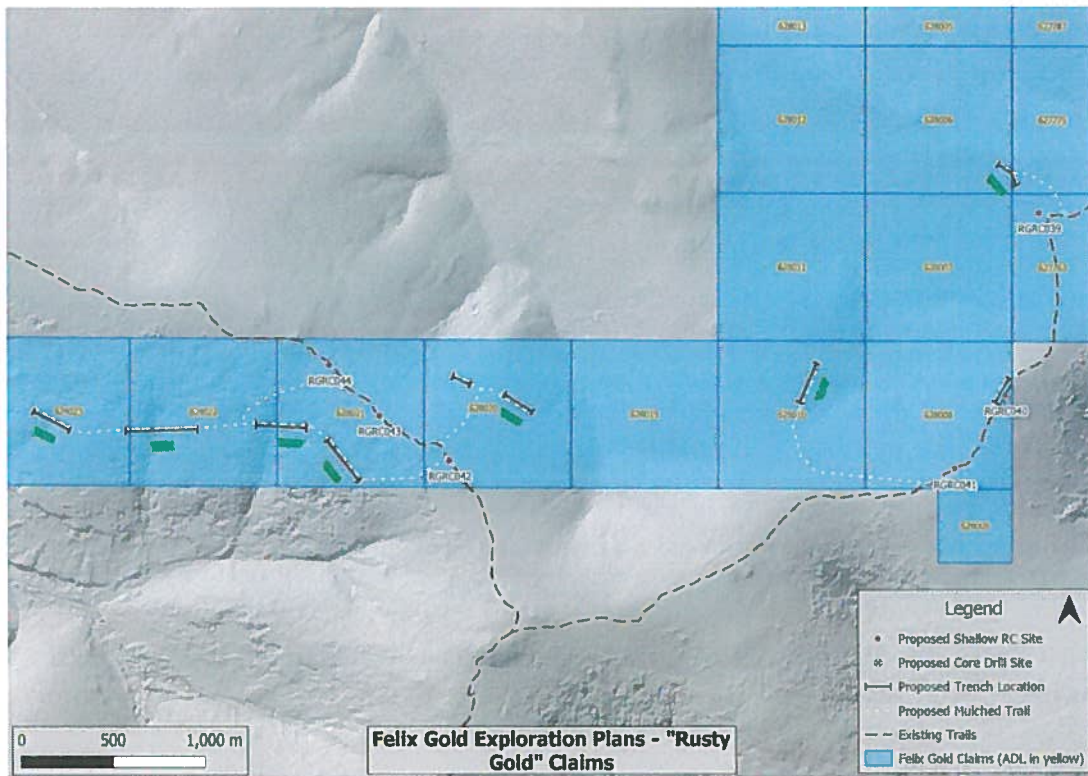
**Figure 6: Proposed Trenching, and Exploration – “Rusty Gold” Claim Block**



RC/Core Holes			
Location (UTM NAD83 Z6N)			
Hole ID	Easting	Northing	Claim ADL
RGDD001	494518	7218918	627762
RGDD002	494116	7218905	627761
RGDD003	493546	7218784	627760
RGDD004	494002	7219227	627773
RGDD005	493713	7219455	627773
BRDD001	489501	7214666	627859
BRDD002	488911	7214437	627859
BRDD003	489313	7214303	627859

*Table 2: Proposed Deeper RC/Core Hole Locations*

Figure 7: Proposed Trenching and Exploration – “Rusty Gold” Claim Block



Proposed Trench Locations						
Locations (UTM NAD83 Z6N)						
Trench ID	Length (m)	Easting (Start)	North (Start)	Easting (End)	Northing (End)	Claim ADL
TR001	225	481960	7218629	482159	7218528	628023
TR002	393	482465	7218521	482857	7218533	628023, 628022
TR003	275	483177	7218554	483452	7218540	628022, 628021
TR004	275	483565	7218471	483736	7218253	628021
TR005	100	484255	7218818	484349	7218776	628020
TR006	180	484538	7218721	484689	7218627	628020
TR007	225	486149	7218676	486243	7218887	628010
TR008	150	487222	7218674	487297	7218804	628008
TR009	150	487242	7219969	487340	7219859	628006, 627775
TR010	250	491192	7218840	491474	7218840	627728, 627730
TR011	350	491920	7220381	492185	7220166	627780, 627781, 628274
TR014	300	493801	7219180	494024	7219408	627773
TR012	150	490100	7217654	490233	7217714	627722
TR015	350	493655	7218442	494014	7218506	627760, 627761
TR013	300	493013	7219411	493286	7219449	627772
TR016	150	489079	7219786	489220	7219807	627765, 627777

Table 3: Proposed Exploration Trench Locations



Figure 8: Proposed Trenching, Drilling, and Exploration – “Bear Ridge” Claim Block

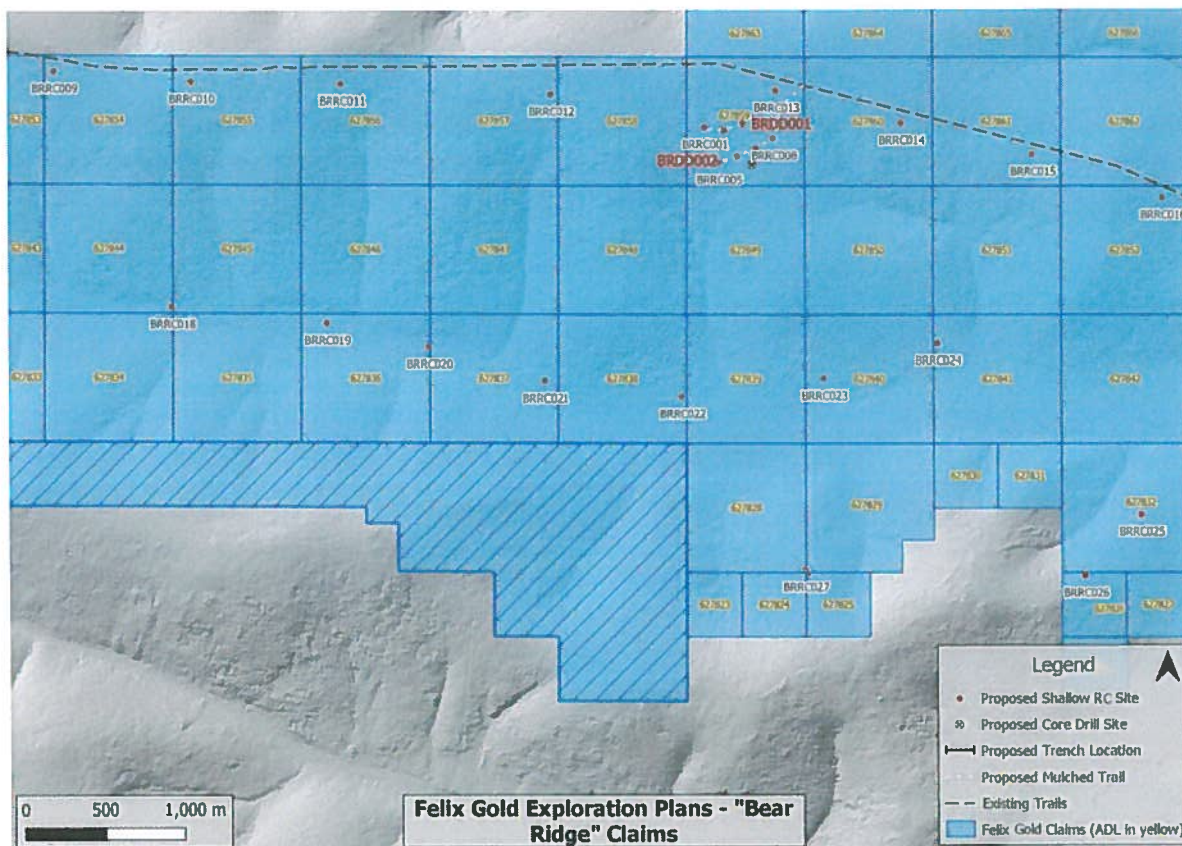


Figure 9: Proposed Trenching, Drilling, and Exploration – “Bear Ridge” Claim Block

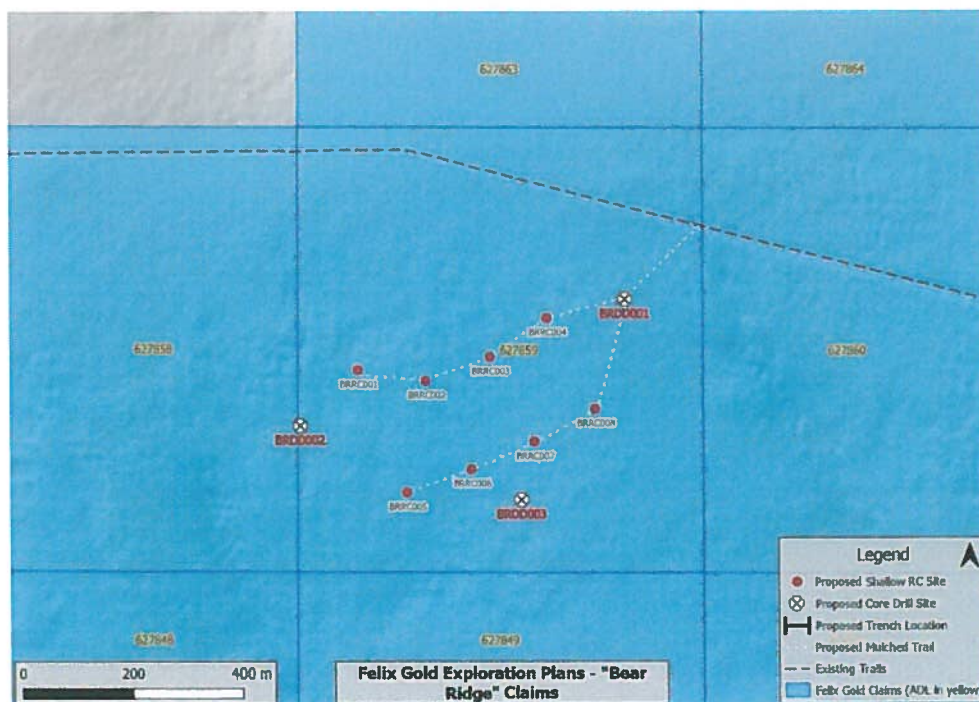
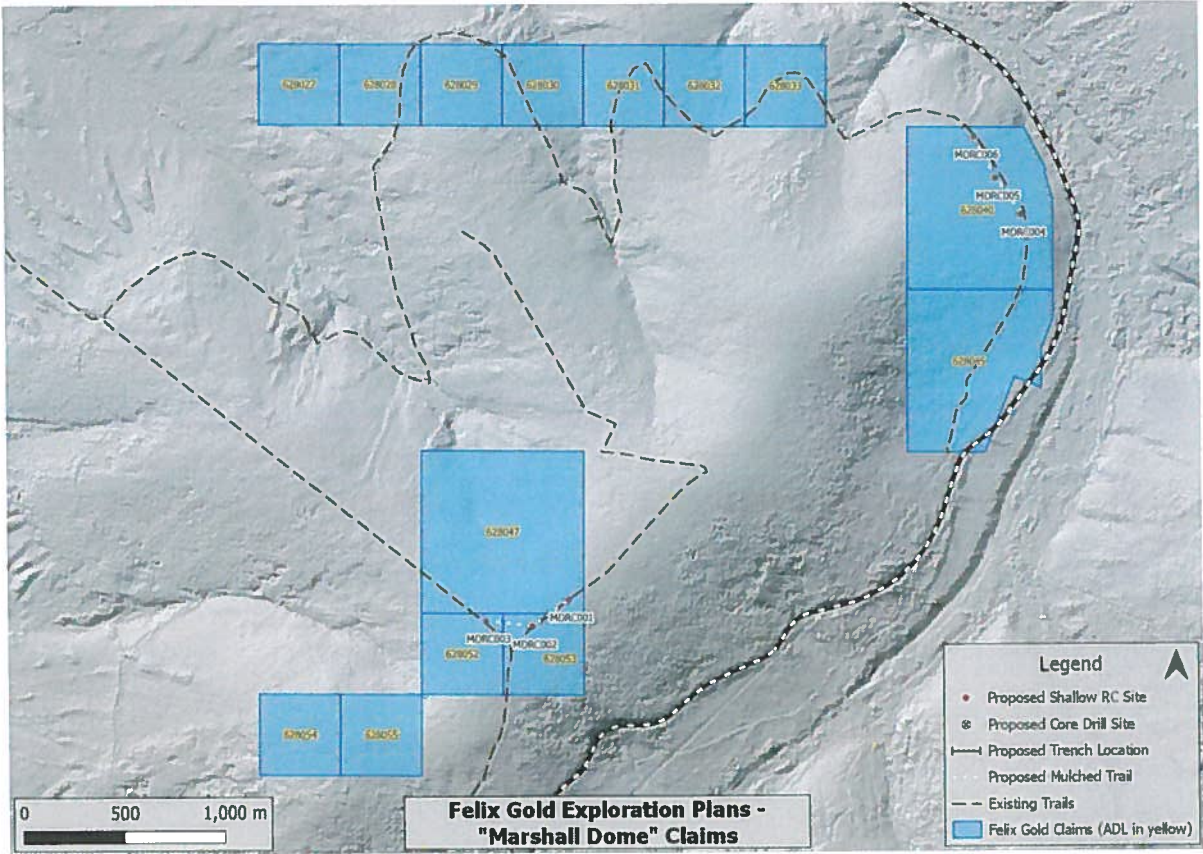
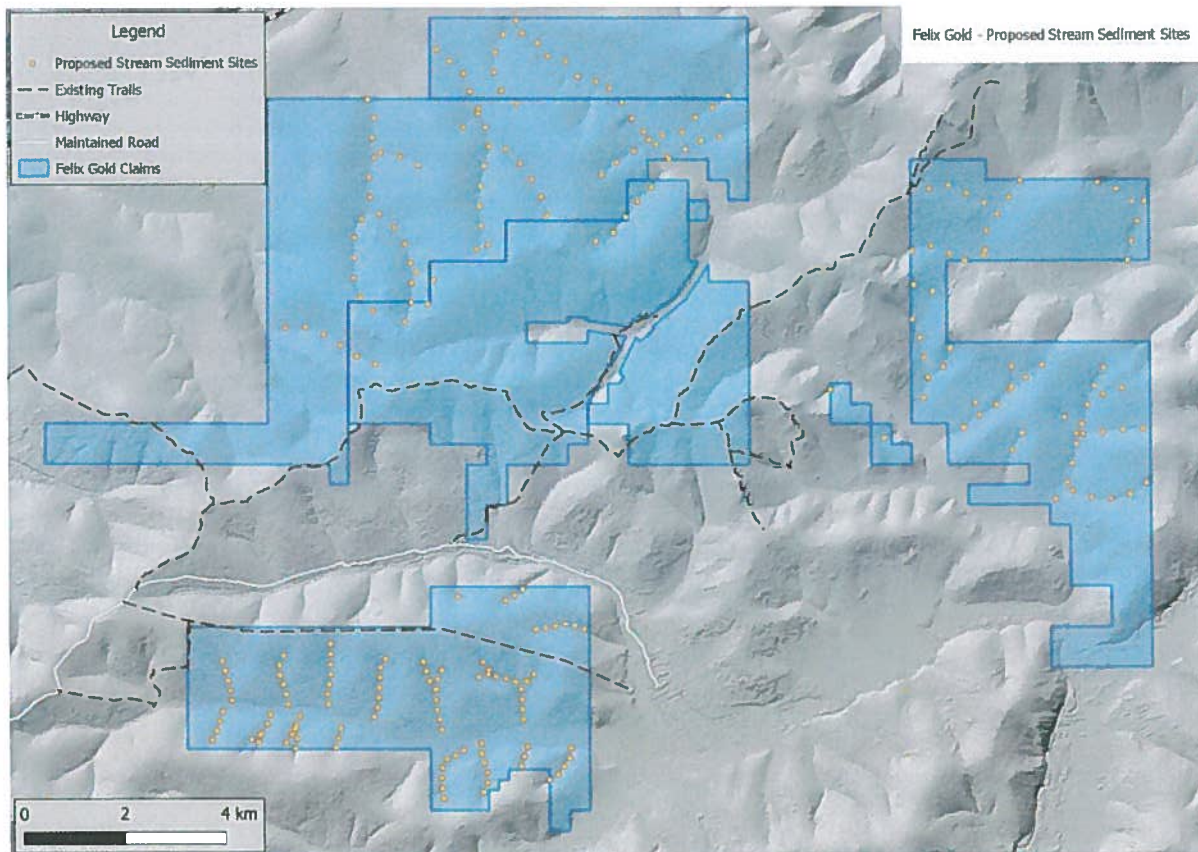




Figure 10: Proposed Drilling and Exploration – “Marshall Dome” Claim Block



**Figure 11: Proposed Stream Sediment Sampling – Felix Gold Alaska Northeast Fairbanks Claims**



**Access.** The claim block has been explored multiple times in the past by different companies. There is a network of pioneer roads and trails including the Fairbanks Creek Trail which is a registered RS2477 historic trail. The project will use existing roads and trails whenever possible. Some of these are overgrown and the project will clear vegetation to approximately a 12-foot width to accommodate equipment when necessary. The project will mulch large vegetation in a manner that avoids disturbing the underlying vegetative mat. In some areas, where the surface is soft enough that use will create significant ruts in the trail, the company will scrape back the vegetative mat organics to create a hard surface. The stockpiled material, along with mulched vegetation would be returned during reclamation. If there appears significant potential for erosion, the company will place mulch or other vegetation on the site to stop potential overland flow.

**Equipment.** The project will have the following equipment on site.

- Grasshopper RC portable drill or similar
- Atlas Copco CS14 or Similar Core Drill
- Explorac 235 or similar Reverse Circulation Drill
- Caterpillar D6 Dozer or similar
- Caterpillar 308 Excavator or similar
- PrimeTech 300 brush mulcher
- Honda Rancher ATV or similar (up to 6)
- Ford F-350 or similar truck
- Ford F-750 Water Tank Truck or similar

This equipment list is a catch-all for all potential exploration necessities. It is likely that most of the equipment listed here will not be utilized, and if so, only 1 or 2 at any one time.

**Fuel.** Fuel will be stored on site in one or more day tanks with a total of less than 1,320 gallons on site. All tanks will be double walled with built in 110% containment capacity or will be in a lined, bermed area with 110% containment capacity of the largest tank. Emergency spill kits and absorbent material will be kept at all fuel storage sites, and any work site where heavy equipment is being utilized. Fuel storage areas on the exploration project site will be a minimum of 200 feet away from any body of water, secondary containment will be used for any portable tanks or barrels temporarily stored at work sites. The project is also requesting the option of using a fuel truck with a capacity of less than 5,000 gallons. If so, the project would ensure that the truck is parked more than 200 feet from any body of water, and that all transfers occur more than 200 feet from water. Further, if a fuel truck with a capacity of more than 1,320 gallons, the company have emergency spill, kits and absorbent material available, and will complete a Spill Prevention Control and Countermeasure Plan (SPCC Plan) and have the plan and equipment on-site.

**Water Use.** The project proposes to withdraw water to supply the diamond/RC drilling. The project proposes to use five surface sources: Bear Creek, Heim Creek, Deep Creek, Miller Creek, and Kokomo Creek. The five creeks are alternative water sources; that is, the project will be using one of them at a time. None of these creeks are listed as anadromous fish creeks in ADF&G's catalogue of anadromous waters. The nearest anadromous fish waterbody in the catalog is the Chatanika River, significantly downstream of the project. Proposed water sources are shown in Table 4. Water will be pumped intermittently from the creeks as needed. Maximum flow will be 14 gpm from the pump. The pump will connect to a 2-inch diameter hose from the pump to the exploration site. The diamond/RC drill may operate for 24 hours per day; therefore, the pump may operate 24 hours per day during the time water is needed. The shallow RC drilling program is projected to not need water for drill. Fuel for the pumps will be stored at least 100 feet from a stream and will be contained in secondary containment. Spill kits are kept at all pumps. Fuel transfer will occur 100 feet from a stream.

Table 4 below summarizes water withdraw locations. Water is expected to be used intermittently and will come from one stream at a time. Therefore, maximum water use could be 14 gpm for 24 hours/day for the maximum 184-day season, or 3.7 million gallons. In fact, total water use is likely to be significantly less than that amount by orders of magnitude.



If the streams do not have enough water to supply the project, the project will bring a water truck up to use to supply the project.

<b>Water Source Locations</b> <b>Draw Points (UTM NAD83</b> <b>Z6N)</b>			
<u>Stream Name</u>	<u>Easting</u>	<u>Northing</u>	<u>MTRSC</u>
Bear Creek	489597	7212553	F003N003E31
Deep Creek	494119	7218214	F003N003E15
Heim Creek	495966	7218067	F003N003E10
Miller Creek	495135	7219974	F003N003E10
Kokomo Creek	494644	7223379	F004N003E34

Table 4: Proposed Water Withdrawal Locations

Three of the potential water sources are adjacent to but partially off the claim block of this exploration application: Kokomo, Heim, and Deep Creeks. To pump water from these locations, the project will need to cross the intervening land, perhaps make a small trail and place a temporary hose. The surface estate for this intervening land is state land. With respect to state land, any activities outside the claim block will be low-impact activities consistent with 11 AAC 96.020 and 025. DNR's "generally allowed use list" and conditions. These may include "brushing or cutting a trail less than five feet wide using only hand-held tools such as a chainsaw" or using an ATV or similar vehicle with a curb weight less than 1,500 pounds in a manner specified in these regulations. Most of the proposed exploration activities will not require water withdrawal, though these locations have been provided for contingency.

The location of water sources is provided in Figure 1 and Table 4.

**Environmental and Cultural Impact Mitigation.** The project is unaware of any cultural, archaeological, and/or paleontological site within the project area. If the project identifies a site or artifact, the project will stop further disturbance at the site and contact DNR's State Historic Preservation Office for direction. In the unlikely event that a site is identified, disturbance will be avoided by relocating exploration activities.

**Camp Infrastructure, Crew Location.** Camp infrastructure is not required at the Northeast Fairbanks Project. Personnel will be housed in Fairbanks and will travel daily to the site. Some equipment, such as ATV's and bulldozers, will be stored on-site during the proposed work program and will be removed at the end of the season.

**Wetlands.** The National Wetlands Inventory shows some wetland areas in the drill areas located in Figure 2. However, it is possible that the project will cause impact to wetlands during construction of the drill pads for the diamond/RC drill or exploration trenching. Impacts will be minimized reclaiming each drill pad/trench immediately after use. Impacts will also be minimized by configuring the drill pad/trench to avoid wetlands to the extent possible while maintaining the drill hole and/or trench location. Given the limited wetlands in the area, at the top of Ester Dome, the project expects to only minimally disturb wetlands, if at all, and does not expect to place fill as part of trail clearing. Any incidental disturbance of the vegetative mat will be reclaimed as indicated previously.

In the event that wetland impacts occur, the project will operate under Army Corps of Engineers Nationwide General Permit 6, Survey Activities. That general permit authorizes the construction of temporary pads, provided the discharge does not exceed 0.1 acres in waters of the U.S. The project will maintain the 0.1-acre limit in the general permit by reclaiming each pad or trench immediately after use. As each pad/trench is expected to disturb less than 0.05 acres of wetland, even if one pad/trench is being reclaimed as another is being constructed, the total disturbed acreage will remain below the permit limit. The project will also conduct operations consistent with the stipulations contained in the general permit.

**Contact Information.** If DNR, other agencies, or the public needs more information, they are asked to contact Ryan Rostad, project geologist, using the information below:

Ryan Rostad, Project Geologist  
~~Millrock Resources~~ Felix Gold Alaska  
3133 Davis Road, Suite B  
Fairbanks, Alaska 99709  
(907) 378-2757  
[rrostad@millrockresources.com](mailto:rrostad@millrockresources.com) Ryan.Rostad@felixgold.com.au

## Attachment 1

List of State of Alaska mining claims either owned or subject to option agreements by Felix Gold Alaska Northeast Fairbanks Inc. All claims listed here will be subject to 2022 APMA permit application. Owner Authorization forms for DG Resources and Fairbanks Exploration Inc. are attached with permit.

ADL Number	Owner Name	Claim Name	Posting Date	MTRS	Acres
ADL 627719	Dg Resource Management (Us) Lt D.	CD1	1-Sep-20	F003N003E19	28
ADL 627720	Dg Resource Management (Us) Lt D.	CD2	1-Sep-20	F003N003E19	40
ADL 627721	Dg Resource Management (Us) Lt D.	CD3	1-Sep-20	F003N003E19	40
ADL 627722	Dg Resource Management (Us) Lt D.	CD4	2-Sep-20	F003N003E18	160
ADL 627723	Dg Resource Management (Us) Lt D.	CD5	2-Sep-20	F003N003E18	40
ADL 627724	Dg Resource Management (Us) Lt D.	CD6	2-Sep-20	F003N003E18	40
ADL 627725	Dg Resource Management (Us) Lt D.	CD7	2-Sep-20	F003N003E18	40
ADL 627726	Dg Resource Management (Us) Lt D.	CD8	2-Sep-20	F003N003E18	40
ADL 627727	Dg Resource Management (Us) Lt D.	CD9	2-Sep-20	F003N003E18	40
ADL 627728	Dg Resource Management (Us) Lt D.	CD10	1-Sep-20	F003N003E17	160
ADL 627729	Dg Resource Management (Us) Lt D.	CD11	2-Sep-20	F003N003E17	40
ADL 627730	Dg Resource Management (Us) Lt D.	CD12	1-Sep-20	F003N003E17	40
ADL 627731	Dg Resource Management (Us) Lt D.	CD13	1-Sep-20	F003N003E17	40
ADL 627732	Dg Resource Management (Us) Lt D.	CD45	7-Sep-20	F003N003E05	40
ADL 627733	Dg Resource Management (Us) Lt D.	CD46	7-Sep-20	F003N003E05	40
ADL 627734	Dg Resource Management (Us) Lt D.	CD47	7-Sep-20	F003N003E05	40
ADL 627735	Dg Resource Management (Us) Lt D.	CD48	7-Sep-20	F003N003E05	40
ADL 627736	Dg Resource Management (Us) Lt D.	CD49	7-Sep-20	F003N003E04	40
ADL 627737	Dg Resource Management (Us) Lt D.	CD50	7-Sep-20	F003N003E03	40
ADL 627738	Dg Resource Management (Us) Lt D.	CD51	7-Sep-20	F003N003E03	40
ADL 627739	Dg Resource Management (Us) Lt D.	CD52	7-Sep-20	F003N003E03	40
ADL 627740	Dg Resource Management (Us) Lt D.	CD53	7-Sep-20	F003N003E03	160
ADL 627741	Dg Resource Management (Us) Lt D.	CD54	7-Sep-20	F003N003E06	160
ADL 627742	Dg Resource Management (Us) Lt D.	CD55	7-Sep-20	F003N003E06	160
ADL 627743	Dg Resource Management (Us) Lt D.	CD56	7-Sep-20	F003N003E05	160
ADL 627744	Dg Resource Management (Us) Lt D.	CD57	7-Sep-20	F003N003E05	160
ADL 627745	Dg Resource Management (Us) Lt D.	CD58	7-Sep-20	F003N003E04	160
ADL 627746	Dg Resource Management (Us) Lt D.	CD59	7-Sep-20	F003N003E04	160
ADL 627747	Dg Resource Management (Us) Lt D.	CD60	7-Sep-20	F003N003E03	40
ADL 627748	Dg Resource Management (Us) Lt D.	CD61	7-Sep-20	F003N003E03	40
ADL 627749	Dg Resource Management (Us) Lt D.	CD62	7-Sep-20	F004N003E32	160
ADL 627750	Dg Resource Management (Us) Lt D.	CD63	7-Sep-20	F004N003E32	160
ADL 627751	Dg Resource Management (Us) Lt D.	CD64	7-Sep-20	F004N003E33	160
ADL 627752	Dg Resource Management (Us) Lt D.	CD65	7-Sep-20	F004N003E33	160
ADL 627753	Dg Resource Management (Us) Lt D.	CD66	7-Sep-20	F004N003E34	40
ADL 627754	Dg Resource Management (Us) Lt D.	CD67	7-Sep-20	F004N003E34	40



ADL 627755	Dg Resource Management (Us) Lt D.	CD68	7-Sep-20	F004N003E33	160
ADL 627756	Dg Resource Management (Us) Lt D.	CD69	7-Sep-20	F004N003E34	40
ADL 627757	Dg Resource Management (Us) Lt D.	CD70	7-Sep-20	F004N003E34	40
ADL 627758	Dg Resource Management (Us) Lt D.	CD90	7-Sep-20	F003N003E05	30
ADL 627759	Dg Resource Management (Us) Lt D.	CD91	7-Sep-20	F003N003E04	30
ADL 627760	Dg Resource Management (Us) Lt D.	CD14	4-Sep-20	F003N003E16	160
ADL 627761	Dg Resource Management (Us) Lt D.	CD15	4-Sep-20	F003N003E15	160
ADL 627762	Dg Resource Management (Us) Lt D.	CD16	4-Sep-20	F003N003E15	160
ADL 627763	Dg Resource Management (Us) Lt D.	CD17	7-Sep-20	F003N002E12	160
ADL 627764	Dg Resource Management (Us) Lt D.	CD18	7-Sep-20	F003N002E12	160
ADL 627765	Dg Resource Management (Us) Lt D.	CD19	7-Sep-20	F003N003E07	160
ADL 627766	Dg Resource Management (Us) Lt D.	CD20	7-Sep-20	F003N003E07	160
ADL 627767	Dg Resource Management (Us) Lt D.	CD21	7-Sep-20	F003N003E08	160
ADL 627768	Dg Resource Management (Us) Lt D.	CD22	7-Sep-20	F003N003E08	160
ADL 627769	Dg Resource Management (Us) Lt D.	CD23	7-Sep-20	F003N003E09	40
ADL 627770	Dg Resource Management (Us) Lt D.	CD24	7-Sep-20	F003N003E09	40
ADL 627771	Dg Resource Management (Us) Lt D.	CD25	7-Sep-20	F003N003E09	40
ADL 627772	Dg Resource Management (Us) Lt D.	CD26	7-Sep-20	F003N003E09	160
ADL 627773	Dg Resource Management (Us) Lt D.	CD27	7-Sep-20	F003N003E10	160
ADL 627774	Dg Resource Management (Us) Lt D.	CD28	7-Sep-20	F003N003E10	160
ADL 627775	Dg Resource Management (Us) Lt D.	CD29	7-Sep-20	F003N002E12	160
ADL 627776	Dg Resource Management (Us) Lt D.	CD30	7-Sep-20	F003N002E12	160
ADL 627777	Dg Resource Management (Us) Lt D.	CD31	7-Sep-20	F003N003E07	160
ADL 627778	Dg Resource Management (Us) Lt D.	CD32	7-Sep-20	F003N003E07	160
ADL 627779	Dg Resource Management (Us) Lt D.	CD33	7-Sep-20	F003N003E08	160
ADL 627780	Dg Resource Management (Us) Lt D.	CD34	7-Sep-20	F003N003E08	160
ADL 627781	Dg Resource Management (Us) Lt D.	CD35	7-Sep-20	F003N003E09	40
ADL 627782	Dg Resource Management (Us) Lt D.	CD36	7-Sep-20	F003N003E09	40
ADL 627783	Dg Resource Management (Us) Lt D.	CD37	7-Sep-20	F003N003E09	40
ADL 627784	Dg Resource Management (Us) Lt D.	CD38	7-Sep-20	F003N003E09	40
ADL 627785	Dg Resource Management (Us) Lt D.	CD39	7-Sep-20	F003N003E10	160
ADL 627786	Dg Resource Management (Us) Lt D.	CD40	7-Sep-20	F003N003E10	160
ADL 627787	Dg Resource Management (Us) Lt D.	CD41	7-Sep-20	F003N002E01	160
ADL 627788	Dg Resource Management (Us) Lt D.	CD42	7-Sep-20	F003N002E01	160
ADL 627789	Dg Resource Management (Us) Lt D.	CD43	7-Sep-20	F003N003E06	160
ADL 627790	Dg Resource Management (Us) Lt D.	CD44	7-Sep-20	F003N003E06	160
ADL 627798	Dg Resource Management (Us) Lt D.	CD71	17-Sep-20	F003N003E03	39
ADL 627799	Dg Resource Management (Us) Lt D.	CD72	17-Sep-20	F003N003E03	19
ADL 627800	Dg Resource Management (Us) Lt D.	CD73	16-Sep-20	F003N003E03	2
ADL 627801	Dg Resource Management (Us) Lt D.	CD74	17-Sep-20	F003N003E03	34
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ADL 627807	Dg Resource Management (Us) Lt D.	CD80	17-Sep-20	F003N003E04	6
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ADL 627809	Dg Resource Management (Us) Lt D.	CD82	17-Sep-20	F003N003E09	2
ADL 627810	Dg Resource Management (Us) Lt D.	CD83	17-Sep-20	F003N003E09	13
ADL 627811	Dg Resource Management (Us) Lt D.	CD84	15-Sep-20	F003N003E09	2
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ADL 627817	Dg Resource Management (Us) Lt D.	CD92	16-Sep-20	F003N003E04	10
ADL 627818	Dg Resource Management (Us) Lt D.	CD93	16-Sep-20	F003N003E04	5
ADL 627819	Dg Resource Management (Us) Lt D.	CD94	17-Sep-20	F003N003E04	1
ADL 627820	Dg Resource Management (Us) Lt D.	CD95	7-Sep-20	F003N003E04	33
ADL 627821	Dg Resource Management (Us) Lt D.	CD96	16-Sep-20	F003N003E04	14
ADL 627822	Dg Resource Management (Us) Lt D.	BC1	7-Sep-20	F002N003E05	40
ADL 627823	Dg Resource Management (Us) Lt D.	BC2	7-Sep-20	F002N003E06	40
ADL 627824	Dg Resource Management (Us) Lt D.	BC3	7-Sep-20	F002N003E06	40
ADL 627825	Dg Resource Management (Us) Lt D.	BC4	7-Sep-20	F002N003E06	40
ADL 627826	Dg Resource Management (Us) Lt D.	BC5	7-Sep-20	F002N003E05	40
ADL 627827	Dg Resource Management (Us) Lt D.	BC6	7-Sep-20	F002N003E05	40
ADL 627828	Dg Resource Management (Us) Lt D.	BC7	7-Sep-20	F002N003E06	160
ADL 627829	Dg Resource Management (Us) Lt D.	BC8	7-Sep-20	F002N003E06	150
ADL 627830	Dg Resource Management (Us) Lt D.	BC9	7-Sep-20	F002N003E05	40
ADL 627831	Dg Resource Management (Us) Lt D.	BC10	7-Sep-20	F002N003E05	40
ADL 627832	Dg Resource Management (Us) Lt D.	BC11	7-Sep-20	F002N003E05	160
ADL 627833	Dg Resource Management (Us) Lt D.	BC12	7-Sep-20	F003N002E34	160
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ADL 627836	Dg Resource Management (Us) Lt D.	BC15	7-Sep-20	F003N002E35	160
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ADL 627838	Dg Resource Management (Us) Lt D.	BC17	7-Sep-20	F003N002E36	160
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ADL 627840	Dg Resource Management (Us) Lt D.	BC19	7-Sep-20	F003N003E31	160
ADL 627841	Dg Resource Management (Us) Lt D.	BC20	7-Sep-20	F003N003E32	160
ADL 627842	Dg Resource Management (Us) Lt D.	BC21	7-Sep-20	F003N003E32	160
ADL 627843	Dg Resource Management (Us) Lt D.	BC22	7-Sep-20	F003N002E34	160
ADL 627844	Dg Resource Management (Us) Lt D.	BC23	7-Sep-20	F003N002E34	160
ADL 627845	Dg Resource Management (Us) Lt D.	BC24	7-Sep-20	F003N002E35	160
ADL 627846	Dg Resource Management (Us) Lt D.	BC25	7-Sep-20	F003N002E35	160
ADL 627847	Dg Resource Management (Us) Lt D.	BC26	7-Sep-20	F003N002E36	160
ADL 627848	Dg Resource Management (Us) Lt D.	BC27	7-Sep-20	F003N002E36	160
ADL 627849	Dg Resource Management (Us) Lt D.	BC28	7-Sep-20	F003N003E31	160
ADL 627850	Dg Resource Management (Us) Lt D.	BC29	7-Sep-20	F003N003E31	160



ADL 627851	Dg Resource Management (Us) Lt D.	BC30	7-Sep-20	F003N003E32	160
ADL 627852	Dg Resource Management (Us) Lt D.	BC31	7-Sep-20	F003N003E32	160
ADL 627853	Dg Resource Management (Us) Lt D.	BC32	7-Sep-20	F003N002E27	160
ADL 627854	Dg Resource Management (Us) Lt D.	BC33	7-Sep-20	F003N002E27	160
ADL 627855	Dg Resource Management (Us) Lt D.	BC34	7-Sep-20	F003N002E26	160
ADL 627856	Dg Resource Management (Us) Lt D.	BC35	7-Sep-20	F003N002E26	160
ADL 627857	Dg Resource Management (Us) Lt D.	BC36	7-Sep-20	F003N002E25	160
ADL 627858	Dg Resource Management (Us) Lt D.	BC37	7-Sep-20	F003N002E25	160
ADL 627859	Dg Resource Management (Us) Lt D.	BC38	7-Sep-20	F003N003E30	160
ADL 627860	Dg Resource Management (Us) Lt D.	BC39	7-Sep-20	F003N003E30	160
ADL 627861	Dg Resource Management (Us) Lt D.	BC40	7-Sep-20	F003N003E29	160
ADL 627862	Dg Resource Management (Us) Lt D.	BC41	7-Sep-20	F003N003E29	160
ADL 627863	Dg Resource Management (Us) Lt D.	BC44	7-Sep-20	F003N003E30	160
ADL 627864	Dg Resource Management (Us) Lt D.	BC45	7-Sep-20	F003N003E30	160
ADL 627865	Dg Resource Management (Us) Lt D.	BC46	7-Sep-20	F003N003E29	160
ADL 627866	Dg Resource Management (Us) Lt D.	BC47	7-Sep-20	F003N003E29	160
ADL 628274	Dg Resource Management (Us) Lt D.	CD85	6-Dec-20	F003N003E09	26
ADL 628321	Dg Resource Management (Us) Lt D.	CD97	26-Dec-20	F003N003E16	15
ADL 627904	Fairbanks Exploration Inc	GST 001	16-Sep-20	F004N003E27	160
ADL 627905	Fairbanks Exploration Inc	GST 002	16-Sep-20	F004N003E27	160
ADL 627906	Fairbanks Exploration Inc	GST 003	16-Sep-20	F004N003E34	40
ADL 627921	Fairbanks Exploration Inc	GST 018	16-Sep-20	F004N003E34	38
ADL 627923	Fairbanks Exploration Inc	GST 020	16-Sep-20	F004N003E27	40
ADL 627924	Fairbanks Exploration Inc	GST 021	16-Sep-20	F004N003E27	40
ADL 627925	Fairbanks Exploration Inc	GST 022	16-Sep-20	F004N003E27	160
ADL 627926	Fairbanks Exploration Inc	GST 023	16-Sep-20	F004N003E28	160
ADL 627927	Fairbanks Exploration Inc	GST 024	16-Sep-20	F004N003E28	40
ADL 627928	Fairbanks Exploration Inc	GST 025	16-Sep-20	F004N003E28	40
ADL 627929	Fairbanks Exploration Inc	GST 026	16-Sep-20	F004N003E28	40
ADL 627942	Fairbanks Exploration Inc	GST 039	16-Sep-20	F004N003E33	160
ADL 627943	Fairbanks Exploration Inc	GST 040	16-Sep-20	F004N003E28	160
ADL 627944	Fairbanks Exploration Inc	GST 041	16-Sep-20	F004N003E28	160
ADL 627945	Fairbanks Exploration Inc	GST 042	16-Sep-20	F004N003E29	160
ADL 627946	Fairbanks Exploration Inc	GST 043	16-Sep-20	F004N003E29	160
ADL 627947	Fairbanks Exploration Inc	GST 044	16-Sep-20	F004N003E32	160
ADL 627960	Fairbanks Exploration Inc	GST 057	16-Sep-20	F004N003E32	160
ADL 627961	Fairbanks Exploration Inc	GST 058	16-Sep-20	F004N003E29	160
ADL 627962	Fairbanks Exploration Inc	GST 059	16-Sep-20	F004N003E29	160
ADL 627963	Fairbanks Exploration Inc	GST 060	16-Sep-20	F004N003E30	160
ADL 627964	Fairbanks Exploration Inc	GST 061	16-Sep-20	F004N003E30	160
ADL 627965	Fairbanks Exploration Inc	GST 062	16-Sep-20	F004N003E31	160
ADL 627966	Fairbanks Exploration Inc	GST 063	16-Sep-20	F004N003E31	160
ADL 627980	Fairbanks Exploration Inc	GST 077	16-Sep-20	F004N003E31	160
ADL 627981	Fairbanks Exploration Inc	GST 078	16-Sep-20	F004N003E31	160



ADL 627982	Fairbanks Exploration Inc	GST 079	16-Sep-20	F004N003E30	160
ADL 627983	Fairbanks Exploration Inc	GST 080	16-Sep-20	F004N003E30	160
ADL 627984	Fairbanks Exploration Inc	GST 081	16-Sep-20	F004N002E25	160
ADL 627985	Fairbanks Exploration Inc	GST 082	16-Sep-20	F004N002E25	160
ADL 627986	Fairbanks Exploration Inc	GST 083	16-Sep-20	F004N002E36	160
ADL 627987	Fairbanks Exploration Inc	GST 084	16-Sep-20	F004N002E36	160
ADL 627988	Fairbanks Exploration Inc	GST 085	16-Sep-20	F003N002E01	160
ADL 627995	Fairbanks Exploration Inc	GST 092	16-Sep-20	F003N002E01	160
ADL 627996	Fairbanks Exploration Inc	GST 093	16-Sep-20	F004N002E36	160
ADL 627997	Fairbanks Exploration Inc	GST 094	16-Sep-20	F004N002E36	160
ADL 627998	Fairbanks Exploration Inc	GST 095	16-Sep-20	F004N002E25	160
ADL 627999	Fairbanks Exploration Inc	GST 096	16-Sep-20	F004N002E25	160
ADL 628000	Fairbanks Exploration Inc	GST 097	16-Sep-20	F004N002E26	160
ADL 628001	Fairbanks Exploration Inc	GST 098	16-Sep-20	F004N002E26	160
ADL 628002	Fairbanks Exploration Inc	GST 099	16-Sep-20	F004N002E35	160
ADL 628003	Fairbanks Exploration Inc	GST 100	16-Sep-20	F004N002E35	160
ADL 628004	Fairbanks Exploration Inc	GST 101	16-Sep-20	F003N002E02	160
ADL 628005	Fairbanks Exploration Inc	GST 102	16-Sep-20	F003N002E02	160
ADL 628006	Fairbanks Exploration Inc	GST 103	16-Sep-20	F003N002E11	160
ADL 628007	Fairbanks Exploration Inc	GST 104	16-Sep-20	F003N002E11	160
ADL 628008	Fairbanks Exploration Inc	GST 105	16-Sep-20	F003N002E14	160
ADL 628009	Fairbanks Exploration Inc	GST 106	16-Sep-20	F003N002E14	40
ADL 628010	Fairbanks Exploration Inc	GST 107	16-Sep-20	F003N002E14	160
ADL 628011	Fairbanks Exploration Inc	GST 108	16-Sep-20	F003N002E11	160
ADL 628012	Fairbanks Exploration Inc	GST 109	16-Sep-20	F003N002E11	160
ADL 628013	Fairbanks Exploration Inc	GST 110	16-Sep-20	F003N002E02	160
ADL 628014	Fairbanks Exploration Inc	GST 111	16-Sep-20	F003N002E02	160
ADL 628015	Fairbanks Exploration Inc	GST 112	16-Sep-20	F004N002E35	160
ADL 628016	Fairbanks Exploration Inc	GST 113	16-Sep-20	F004N002E35	160
ADL 628017	Fairbanks Exploration Inc	GST 114	16-Sep-20	F004N002E26	160
ADL 628018	Fairbanks Exploration Inc	GST 115	16-Sep-20	F004N002E26	160
ADL 628019	Fairbanks Exploration Inc	GST 116	16-Sep-20	F003N002E15	160
ADL 628020	Fairbanks Exploration Inc	GST 117	16-Sep-20	F003N002E15	160
ADL 628021	Fairbanks Exploration Inc	GST 118	16-Sep-20	F003N002E16	160
ADL 628022	Fairbanks Exploration Inc	GST 119	16-Sep-20	F003N002E16	160
ADL 628023	Fairbanks Exploration Inc	GST 120	16-Sep-20	F003N002E17	160
ADL 628024	Fairbanks Exploration Inc	GST 121	16-Sep-20	F003N002E17	40
ADL 628026	Fairbanks Exploration Inc	GST 123	16-Sep-20	F003N002E17	40
ADL 628027	Fairbanks Exploration Inc	GST 124	16-Sep-20	F003N001E11	40
ADL 628028	Fairbanks Exploration Inc	GST 125	16-Sep-20	F003N001E11	40
ADL 628029	Fairbanks Exploration Inc	GST 126	16-Sep-20	F003N001E11	40
ADL 628030	Fairbanks Exploration Inc	GST 127	16-Sep-20	F003N001E11	40
ADL 628031	Fairbanks Exploration Inc	GST 128	16-Sep-20	F003N001E12	40
ADL 628032	Fairbanks Exploration Inc	GST 129	16-Sep-20	F003N001E12	40

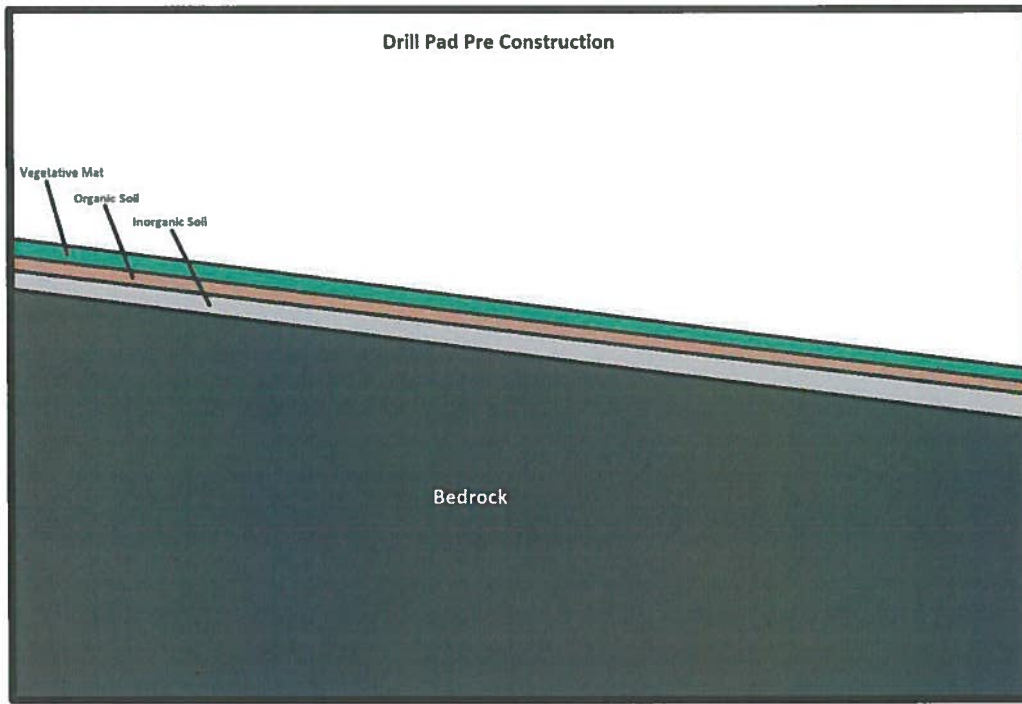
ADL 628033	Fairbanks Exploration Inc	GST 130	16-Sep-20	F003N001E12	40
ADL 628040	Fairbanks Exploration Inc	GST 137	16-Sep-20	F003N002E18	137
ADL 628045	Fairbanks Exploration Inc	GST 142	16-Sep-20	F003N002E18	117
ADL 628047	Fairbanks Exploration Inc	GST 144	16-Sep-20	F003N001E23	160
ADL 628052	Fairbanks Exploration Inc	GST 149	16-Sep-20	F003N001E23	40
ADL 628053	Fairbanks Exploration Inc	GST 150	16-Sep-20	F003N001E23	40
ADL 628054	Fairbanks Exploration Inc	GST 151	16-Sep-20	F003N001E23	40
ADL 628055	Fairbanks Exploration Inc	GST 152	16-Sep-20	F003N001E23	40

*Table 5: State of Alaska Claims Owned or Option by Felix Gold Alaska, 2022 APMA Application*

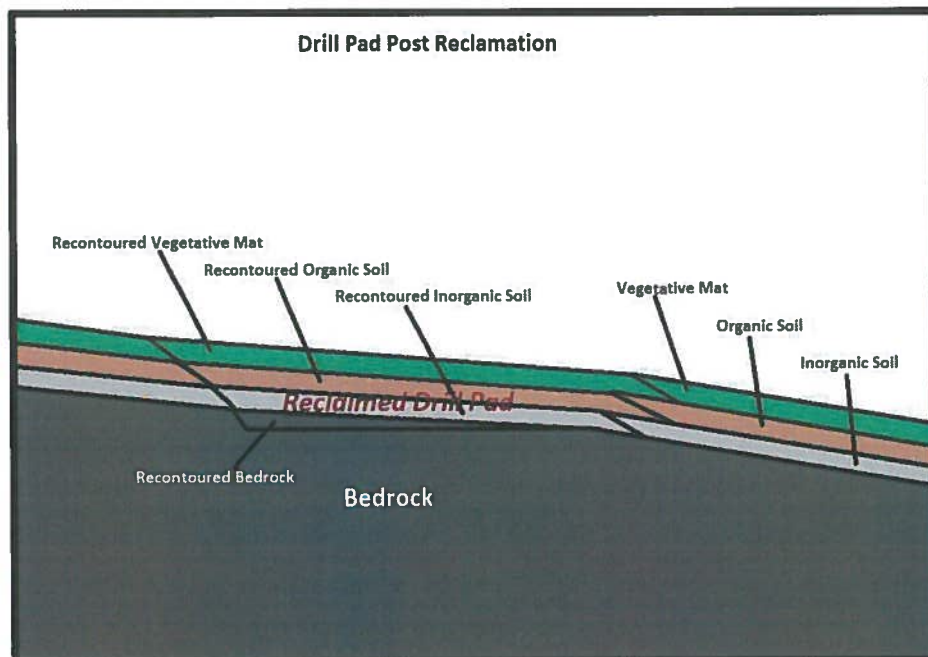
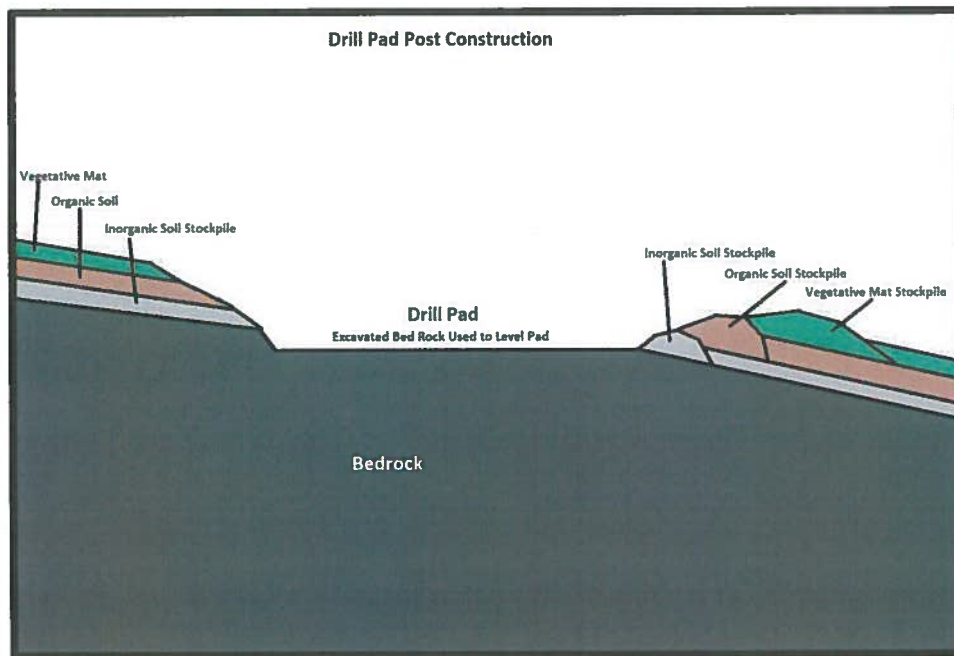
## Attachment 2. Construction and Reclamation Sequence

The diagrams in this attachment show the construction-reclamation sequence for drill pads and exploration trenches. It shows the separate stockpiling of vegetative mat organic soil and inorganic soil. Not shown is that trees and brush which are also cleared are separately stockpiled or mulched and the mulch or vegetation is respread at the top of the reclaimed pad or trench.

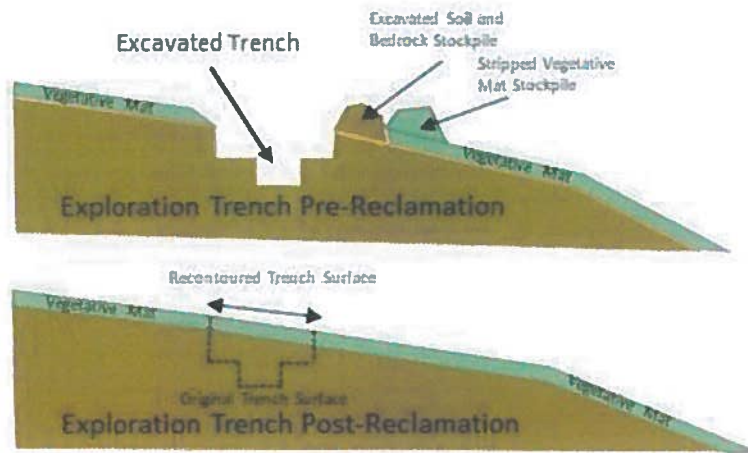
### Drill Pads







## Trenches



# NOTICE OF OPERATOR AUTHORIZATION -- STATE MINERAL LOCATIONS

All operators or lease holders submitting APMA's for operations on State mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the claims(s) by Name and ADL number(s), and the time frame (beginning and ending dates) for which the authorization remains in force. The Division of Mining, Land & Water will not issue any mining permits until we receive this Notice of Authorization. **Please include it with your APMA.**

## OPERATOR AUTHORIZATION

I, DG Resource Management (US) Ltd., OWNER of state claim(s) :

Claim Name	ADL Number	Claim Name	ADL Number	Claim Name	ADL Number
See Attached					

(Attach additional sheet if necessary)

Have authorized Felix Gold Alaska Operations Inc

Address of Operator 3133 Davis Rd, Ste B Fairbanks, AK 99079

to operate on these claims from 15 /Jun/2021 to 15 /Jun /2031

Owner's Signature [Signature] Date Feb 27, 2022

**NOTARY**

Subscribed and sworn to before me this 22 day of Feb, 2022

For (owner)

(Signature of Notary) [Signature]

My commission expires: \_\_\_\_\_

**Saqib Javaid-Barrister & Solicitor**  
 Notary Public and Commissioner for  
 Oaths in the Province of Alberta  
 10621-121 Street Edmonton, AB T5N 1S5  
 Ph-(780) 717-0381 Email: sjavaid@sjlaw.ca

**NO LEGAL ADVICE  
 SOUGHT OR GIVEN**

OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)

I, \_\_\_\_\_, LESSEE of state claim(s) :

Claim Name	ADL Number	Claim Name	ADL Number	Claim Name	ADL Number
(Attach additional sheet if necessary)					

have authorized \_\_\_\_\_ to operate on these claims from \_\_\_\_ / \_\_\_\_ / \_\_\_\_ to \_\_\_\_ / \_\_\_\_ / \_\_\_\_.

Lessee's Signature \_\_\_\_\_ Date \_\_\_\_\_

Lessee's Address \_\_\_\_\_

**NOTARY:**

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

For (Lessee)

(Signature of Notary) \_\_\_\_\_

My commission expires: \_\_\_\_\_



EXHIBIT A  
Claims and Water Rights

A. Claims

CASE ID	CSTMRNM	CLAIM NAME	NTPSTDT	DATE ALF	TOT ACRES	FILENUMBER
ADL 627720	Dg Resource Management (Us) Lt D.	CD2	01-SEP-20		40	627720
ADL 627721	Dg Resource Management (Us) Lt D.	CD3	01-SEP-20		40	627721
ADL 627722	Dg Resource Management (Us) Lt D.	CD4	02-SEP-20		160	627722
ADL 627723	Dg Resource Management (Us) Lt D.	CD5	02-SEP-20		40	627723
ADL 627724	Dg Resource Management (Us) Lt D.	CD6	02-SEP-20		40	627724
ADL 627725	Dg Resource Management (Us) Lt D.	CD7	02-SEP-20		40	627725
ADL 627726	Dg Resource Management (Us) Lt D.	CD8	02-SEP-20		40	627726
ADL 627727	Dg Resource Management (Us) Lt D.	CD9	02-SEP-20		40	627727
ADL 627728	Dg Resource Management (Us) Lt D.	CD10	01-SEP-20		160	627728
ADL 627729	Dg Resource Management (Us) Lt D.	CD11	02-SEP-20		40	627729
ADL 627730	Dg Resource Management (Us) Lt D.	CD12	01-SEP-20		40	627730
ADL 627731	Dg Resource Management (Us) Lt D.	CD13	01-SEP-20		40	627731
ADL 627732	Dg Resource Management (Us) Lt D.	CD45	07-SEP-20		40	627732
ADL 627733	Dg Resource Management (Us) Lt D.	CD46	07-SEP-20		40	627733
ADL 627734	Dg Resource Management (Us) Lt D.	CD47	07-SEP-20		40	627734
ADL 627735	Dg Resource Management (Us) Lt D.	CD48	07-SEP-20		40	627735
ADL 627736	Dg Resource Management (Us) Lt D.	CD49	07-SEP-20		40	627736
ADL 627737	Dg Resource Management (Us) Lt D.	CD50	07-SEP-20		40	627737
ADL 627738	Dg Resource Management (Us) Lt D.	CD51	07-SEP-20		40	627738
ADL 627739	Dg Resource Management (Us) Lt D.	CD52	07-SEP-20		40	627739
ADL 627740	Dg Resource Management (Us) Lt D.	CD53	07-SEP-20		160	627740
ADL 627741	Dg Resource Management (Us) Lt D.	CD54	07-SEP-20		160	627741
ADL 627742	Dg Resource Management (Us) Lt D.	CD55	07-SEP-20		160	627742

ADL	Dg Resource Management (Us) Lt				
627743	D.	CD56	07-SEP-20	160	627743
ADL	Dg Resource Management (Us) Lt				
627744	D.	CD57	07-SEP-20	160	627744
ADL	Dg Resource Management (Us) Lt				
627745	D.	CD58	07-SEP-20	160	627745
ADL	Dg Resource Management (Us) Lt				
627746	D.	CD59	07-SEP-20	160	627746
ADL	Dg Resource Management (Us) Lt				
627747	D.	CD60	07-SEP-20	40	627747
ADL	Dg Resource Management (Us) Lt				
627748	D.	CD61	07-SEP-20	40	627748
ADL	Dg Resource Management (Us) Lt				
627749	D.	CD62	07-SEP-20	160	627749
ADL	Dg Resource Management (Us) Lt				
627750	D.	CD63	07-SEP-20	160	627750
ADL	Dg Resource Management (Us) Lt				
627751	D.	CD64	07-SEP-20	160	627751
ADL	Dg Resource Management (Us) Lt				
627752	D.	CD65	07-SEP-20	160	627752
ADL	Dg Resource Management (Us) Lt				
627753	D.	CD66	07-SEP-20	40	627753
ADL	Dg Resource Management (Us) Lt				
627754	D.	CD67	07-SEP-20	40	627754
ADL	Dg Resource Management (Us) Lt				
627755	D.	CD68	07-SEP-20	160	627755
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627756	D.	CD69	07-SEP-20	40	627756
ADL	Dg Resource Management (Us) Lt				
627757	D.	CD70	07-SEP-20	40	627757
ADL	Dg Resource Management (Us) Lt				
627758	D.	CD90	07-SEP-20	30	627758
ADL	Dg Resource Management (Us) Lt				
627759	D.	CD91	07-SEP-20	30	627759
ADL	Dg Resource Management (Us) Lt				
627760	D.	CD14	04-SEP-20	160	627760
ADL	Dg Resource Management (Us) Lt				
627761	D.	CD15	04-SEP-20	160	627761
ADL	Dg Resource Management (Us) Lt				
627762	D.	CD16	04-SEP-20	160	627762
ADL	Dg Resource Management (Us) Lt				
627763	D.	CD17	07-SEP-20	160	627763
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627764	D.	CD18	07-SEP-20	160	627764
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627765	D.	CD19	07-SEP-20	160	627765
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627766	D.	CD20	07-SEP-20	160	627766
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627767	D.	CD21	07-SEP-20	160	627767
ADL	Dg Resource Management (Us) Lt				
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ADL	Dg Resource Management (Us) Lt				
627769	D.	CD23	07-SEP-20	40	627769

ADL 627770	Dg Resource Management (Us) Lt D.	CD24	07-SEP-20	40	627770
ADL 627771	Dg Resource Management (Us) Lt D.	CD25	07-SEP-20	40	627771
ADL 627772	Dg Resource Management (Us) Lt D.	CD26	07-SEP-20	160	627772
ADL 627773	Dg Resource Management (Us) Lt D.	CD27	07-SEP-20	160	627773
ADL 627774	Dg Resource Management (Us) Lt D.	CD28	07-SEP-20	160	627774
ADL 627775	Dg Resource Management (Us) Lt D.	CD29	07-SEP-20	160	627775
ADL 627776	Dg Resource Management (Us) Lt D.	CD30	07-SEP-20	160	627776
ADL 627777	Dg Resource Management (Us) Lt D.	CD31	07-SEP-20	160	627777
ADL 627778	Dg Resource Management (Us) Lt D.	CD32	07-SEP-20	160	627778
ADL 627779	Dg Resource Management (Us) Lt D.	CD33	07-SEP-20	160	627779
ADL 627780	Dg Resource Management (Us) Lt D.	CD34	07-SEP-20	160	627780
ADL 627781	Dg Resource Management (Us) Lt D.	CD35	07-SEP-20	40	627781
ADL 627782	Dg Resource Management (Us) Lt D.	CD36	07-SEP-20	40	627782
ADL 627783	Dg Resource Management (Us) Lt D.	CD37	07-SEP-20	40	627783
ADL 627784	Dg Resource Management (Us) Lt D.	CD38	07-SEP-20	40	627784
ADL 627785	Dg Resource Management (Us) Lt D.	CD39	07-SEP-20	160	627785
ADL 627786	Dg Resource Management (Us) Lt D.	CD40	07-SEP-20	160	627786
ADL 627787	Dg Resource Management (Us) Lt D.	CD41	07-SEP-20	160	627787
ADL 627788	Dg Resource Management (Us) Lt D.	CD42	07-SEP-20	160	627788
ADL 627789	Dg Resource Management (Us) Lt D.	CD43	07-SEP-20	160	627789
ADL 627790	Dg Resource Management (Us) Lt D.	CD44	07-SEP-20	160	627790
ADL 627798	Dg Resource Management (Us) Lt D.	CD71	17-SEP-20	39	627798
ADL 627799	Dg Resource Management (Us) Lt D.	CD72	17-SEP-20	19	627799
ADL 627800	Dg Resource Management (Us) Lt D.	CD73	16-SEP-20	2	627800
ADL 627801	Dg Resource Management (Us) Lt D.	CD74	17-SEP-20	34	627801
ADL 627802	Dg Resource Management (Us) Lt D.	CD75	17-SEP-20	10	627802
ADL 627803	Dg Resource Management (Us) Lt D.	CD76	17-SEP-20	8	627803



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627804	D.	CD77	16-SEP-20	31	627804
ADL	Dg Resource Management (Us) Lt				
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ADL	Dg Resource Management (Us) Lt				
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ADL	Dg Resource Management (Us) Lt				
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ADL	Dg Resource Management (Us) Lt				
627814	D.	CD87	15-SEP-20	20	627814
ADL	Dg Resource Management (Us) Lt				
627815	D.	CD88	16-SEP-20	13	627815
ADL	Dg Resource Management (Us) Lt				
627816	D.	CD89	15-SEP-20	21	627816
ADL	Dg Resource Management (Us) Lt				
627817	D.	CD92	16-SEP-20	10	627817
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627818	D.	CD93	16-SEP-20	5	627818
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627819	D.	CD94	17-SEP-20	1	627819
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627820	D.	CD95	07-SEP-20	33	627820
ADL	Dg Resource Management (Us) Lt				
627821	D.	CD96	16-SEP-20	14	627821
ADL	Dg Resource Management (Us) Lt				
627822	D.	BC1	07-SEP-20	40	627822
ADL	Dg Resource Management (Us) Lt				
627823	D.	BC2	07-SEP-20	40	627823
ADL	Dg Resource Management (Us) Lt				
627824	D.	BC3	07-SEP-20	40	627824
ADL	Dg Resource Management (Us) Lt				
627825	D.	BC4	07-SEP-20	40	627825
ADL	Dg Resource Management (Us) Lt				
627826	D.	BC5	07-SEP-20	40	627826
ADL	Dg Resource Management (Us) Lt				
627827	D.	BC6	07-SEP-20	40	627827
ADL	Dg Resource Management (Us) Lt				
627828	D.	BC7	07-SEP-20	160	627828
ADL	Dg Resource Management (Us) Lt				
627829	D.	BC8	07-SEP-20	150	627829
ADL	Dg Resource Management (Us) Lt				
627830	D.	BC9	07-SEP-20	40	627830
ADL	Dg Resource Management (Us) Lt				
627831	D.	BC10	07-SEP-20	40	627831

ADL	Dg Resource Management (Us) Lt				
627832	D.	BC11	07-SEP-20	160	627832
ADL	Dg Resource Management (Us) Lt				
627833	D.	BC12	07-SEP-20	160	627833
ADL	Dg Resource Management (Us) Lt				
627834	D.	BC13	07-SEP-20	160	627834
ADL	Dg Resource Management (Us) Lt				
627835	D.	BC14	07-SEP-20	160	627835
ADL	Dg Resource Management (Us) Lt				
627836	D.	BC15	07-SEP-20	160	627836
ADL	Dg Resource Management (Us) Lt				
627837	D.	BC16	07-SEP-20	160	627837
ADL	Dg Resource Management (Us) Lt				
627838	D.	BC17	07-SEP-20	160	627838
ADL	Dg Resource Management (Us) Lt				
627839	D.	BC18	07-SEP-20	160	627839
ADL	Dg Resource Management (Us) Lt				
627840	D.	BC19	07-SEP-20	160	627840
ADL	Dg Resource Management (Us) Lt				
627841	D.	BC20	07-SEP-20	160	627841
ADL	Dg Resource Management (Us) Lt				
627842	D.	BC21	07-SEP-20	160	627842
ADL	Dg Resource Management (Us) Lt				
627843	D.	BC22	07-SEP-20	160	627843
ADL	Dg Resource Management (Us) Lt				
627844	D.	BC23	07-SEP-20	160	627844
ADL	Dg Resource Management (Us) Lt				
627845	D.	BC24	07-SEP-20	160	627845
ADL	Dg Resource Management (Us) Lt				
627846	D.	BC25	07-SEP-20	160	627846
ADL	Dg Resource Management (Us) Lt				
627847	D.	BC26	07-SEP-20	160	627847
ADL	Dg Resource Management (Us) Lt				
627848	D.	BC27	07-SEP-20	160	627848
ADL	Dg Resource Management (Us) Lt				
627849	D.	BC28	07-SEP-20	160	627849
ADL	Dg Resource Management (Us) Lt				
627850	D.	BC29	07-SEP-20	160	627850
ADL	Dg Resource Management (Us) Lt				
627851	D.	BC30	07-SEP-20	160	627851
ADL	Dg Resource Management (Us) Lt				
627852	D.	BC31	07-SEP-20	160	627852
ADL	Dg Resource Management (Us) Lt				
627853	D.	BC32	07-SEP-20	160	627853
ADL	Dg Resource Management (Us) Lt				
627854	D.	BC33	07-SEP-20	160	627854
ADL	Dg Resource Management (Us) Lt				
627855	D.	BC34	07-SEP-20	160	627855
ADL	Dg Resource Management (Us) Lt				
627856	D.	BC35	07-SEP-20	160	627856
ADL	Dg Resource Management (Us) Lt				
627857	D.	BC36	07-SEP-20	160	627857
ADL	Dg Resource Management (Us) Lt				
627858	D.	BC37	07-SEP-20	160	627858

ADL 627859	Dg Resource Management (Us) Lt D.	BC38	07-SEP-20	160	627859
ADL 627860	Dg Resource Management (Us) Lt D.	BC39	07-SEP-20	160	627860
ADL 627861	Dg Resource Management (Us) Lt D.	BC40	07-SEP-20	160	627861
ADL 627862	Dg Resource Management (Us) Lt D.	BC41	07-SEP-20	160	627862
ADL 627863	Dg Resource Management (Us) Lt D.	BC44	07-SEP-20	160	627863
ADL 627864	Dg Resource Management (Us) Lt D.	BC45	07-SEP-20	160	627864
ADL 627865	Dg Resource Management (Us) Lt D.	BC46	07-SEP-20	160	627865
ADL 627866	Dg Resource Management (Us) Lt D.	BC47	07-SEP-20	160	627866
ADL 628274	Dg Resource Management (Us) Lt D.	CD85	06-DEC- 20	26	628274



# **NOTICE OF OPERATOR AUTHORIZATION – STATE MINERAL LOCATIONS**

All operators or lease holders submitting APMA's for operations on State mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the claims(s) by Name and ADL number(s), and the time frame (beginning and ending dates) for which the authorization remains in force. The Division of Mining, Land & Water will not issue any mining permits until we receive this Notice of Authorization. **Please include it with your APMA.**

## **OPERATOR AUTHORIZATION**

I, <u>PAUL A. METZ FOR FAIRBANKS EXPLORATION, INC.</u> , OWNER of state claim(s) :					
<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>
See Attached					
(Attach additional sheet if necessary)					
Have authorized <u>Felix Gold Alaska Operations Inc.</u>					
Address of Operator <u>3133 Davis Road, Fairbanks, Alaska 99709</u>					
to operate on these claims from <u>1 / 1 / 22</u> to <u>1 / 1 / 32</u>					
Owner's Signature <u>PAUL A. METZ FOR FAIRBANKS EXPLORATION</u> Date <u>12/20/2021</u>					
<b>NOTARY</b>					
Subscribed and sworn to before me this <u>20<sup>th</sup></u> day of <u>December</u> , 20 <u>21</u> .					
For (owner) <u>PAUL A. METZ, FOR FAIRBANKS EXPLORATION, INC.</u>					
(Signature of Notary) <u>Michele Wilbee</u>					
My commission expires: <u>June 18<sup>th</sup> 2027</u>					
MICHELE WILBEE NOTARY PUBLIC-DELTA COUNTY, MI My Commission Expires June 18, 2027					

**OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)**

I, _____, LESSEE of state claim(s) :					
<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>
(Attach additional sheet if necessary)					
have authorized _____ to operate on these claims from <u>  /  /  </u> to <u>  /  /  </u> .					
Lessee's Signature _____ Date _____					
Lessee's Address _____					
<b>NOTARY:</b>					
Subscribed and sworn to before me this _____ day of _____, 20 ____.					
For (Lessee) _____					
(Signature of Notary) _____					
My commission expires: _____					

EXHIBIT A  
Fairbanks Exploration Inc. Claims

ADL Number	Owner Name	Claim Name	Posting Date	MTRS	Acres
ADL 627904	Fairbanks Exploration Inc	GST 001	16-Sep-20	F004N003E27	160
ADL 627905	Fairbanks Exploration Inc	GST 002	16-Sep-20	F004N003E27	160
ADL 627906	Fairbanks Exploration Inc	GST 003	16-Sep-20	F004N003E34	40
ADL 627921	Fairbanks Exploration Inc	GST 018	16-Sep-20	F004N003E34	38
ADL 627923	Fairbanks Exploration Inc	GST 020	16-Sep-20	F004N003E27	40
ADL 627924	Fairbanks Exploration Inc	GST 021	16-Sep-20	F004N003E27	40
ADL 627925	Fairbanks Exploration Inc	GST 022	16-Sep-20	F004N003E27	160
ADL 627926	Fairbanks Exploration Inc	GST 023	16-Sep-20	F004N003E28	160
ADL 627927	Fairbanks Exploration Inc	GST 024	16-Sep-20	F004N003E28	40
ADL 627928	Fairbanks Exploration Inc	GST 025	16-Sep-20	F004N003E28	40
ADL 627929	Fairbanks Exploration Inc	GST 026	16-Sep-20	F004N003E28	40
ADL 627942	Fairbanks Exploration Inc	GST 039	16-Sep-20	F004N003E33	160
ADL 627943	Fairbanks Exploration Inc	GST 040	16-Sep-20	F004N003E28	160
ADL 627944	Fairbanks Exploration Inc	GST 041	16-Sep-20	F004N003E28	160
ADL 627945	Fairbanks Exploration Inc	GST 042	16-Sep-20	F004N003E29	160
ADL 627946	Fairbanks Exploration Inc	GST 043	16-Sep-20	F004N003E29	160
ADL 627947	Fairbanks Exploration Inc	GST 044	16-Sep-20	F004N003E32	160
ADL 627960	Fairbanks Exploration Inc	GST 057	16-Sep-20	F004N003E32	160
ADL 627961	Fairbanks Exploration Inc	GST 058	16-Sep-20	F004N003E29	160
ADL 627962	Fairbanks Exploration Inc	GST 059	16-Sep-20	F004N003E29	160
ADL 627963	Fairbanks Exploration Inc	GST 060	16-Sep-20	F004N003E30	160
ADL 627964	Fairbanks Exploration Inc	GST 061	16-Sep-20	F004N003E30	160
ADL 627965	Fairbanks Exploration Inc	GST 062	16-Sep-20	F004N003E31	160
ADL 627966	Fairbanks Exploration Inc	GST 063	16-Sep-20	F004N003E31	160
ADL 627980	Fairbanks Exploration Inc	GST 077	16-Sep-20	F004N003E31	160
ADL 627981	Fairbanks Exploration Inc	GST 078	16-Sep-20	F004N003E31	160
ADL 627982	Fairbanks Exploration Inc	GST 079	16-Sep-20	F004N003E30	160
ADL 627983	Fairbanks Exploration Inc	GST 080	16-Sep-20	F004N003E30	160
ADL 627984	Fairbanks Exploration Inc	GST 081	16-Sep-20	F004N002E25	160
ADL 627985	Fairbanks Exploration Inc	GST 082	16-Sep-20	F004N002E25	160
ADL 627986	Fairbanks Exploration Inc	GST 083	16-Sep-20	F004N002E36	160
ADL 627987	Fairbanks Exploration Inc	GST 084	16-Sep-20	F004N002E36	160
ADL 627988	Fairbanks Exploration Inc	GST 085	16-Sep-20	F003N002E01	160
ADL 627995	Fairbanks Exploration Inc	GST 092	16-Sep-20	F003N002E01	160
ADL 627996	Fairbanks Exploration Inc	GST 093	16-Sep-20	F004N002E36	160
ADL 627997	Fairbanks Exploration Inc	GST 094	16-Sep-20	F004N002E36	160
ADL 627998	Fairbanks Exploration Inc	GST 095	16-Sep-20	F004N002E25	160
ADL 627999	Fairbanks Exploration Inc	GST 096	16-Sep-20	F004N002E25	160
ADL 628000	Fairbanks Exploration Inc	GST 097	16-Sep-20	F004N002E26	160

ADL 628001	Fairbanks Exploration Inc	GST 098	16-Sep-20	F004N002E26	160
ADL 628002	Fairbanks Exploration Inc	GST 099	16-Sep-20	F004N002E35	160
ADL 628003	Fairbanks Exploration Inc	GST 100	16-Sep-20	F004N002E35	160
ADL 628004	Fairbanks Exploration Inc	GST 101	16-Sep-20	F003N002E02	160
ADL 628005	Fairbanks Exploration Inc	GST 102	16-Sep-20	F003N002E02	160
ADL 628006	Fairbanks Exploration Inc	GST 103	16-Sep-20	F003N002E11	160
ADL 628007	Fairbanks Exploration Inc	GST 104	16-Sep-20	F003N002E11	160
ADL 628008	Fairbanks Exploration Inc	GST 105	16-Sep-20	F003N002E14	160
ADL 628009	Fairbanks Exploration Inc	GST 106	16-Sep-20	F003N002E14	40
ADL 628010	Fairbanks Exploration Inc	GST 107	16-Sep-20	F003N002E14	160
ADL 628011	Fairbanks Exploration Inc	GST 108	16-Sep-20	F003N002E11	160
ADL 628012	Fairbanks Exploration Inc	GST 109	16-Sep-20	F003N002E11	160
ADL 628013	Fairbanks Exploration Inc	GST 110	16-Sep-20	F003N002E02	160
ADL 628014	Fairbanks Exploration Inc	GST 111	16-Sep-20	F003N002E02	160
ADL 628015	Fairbanks Exploration Inc	GST 112	16-Sep-20	F004N002E35	160
ADL 628016	Fairbanks Exploration Inc	GST 113	16-Sep-20	F004N002E35	160
ADL 628017	Fairbanks Exploration Inc	GST 114	16-Sep-20	F004N002E26	160
ADL 628018	Fairbanks Exploration Inc	GST 115	16-Sep-20	F004N002E26	160
ADL 628019	Fairbanks Exploration Inc	GST 116	16-Sep-20	F003N002E15	160
ADL 628020	Fairbanks Exploration Inc	GST 117	16-Sep-20	F003N002E15	160
ADL 628021	Fairbanks Exploration Inc	GST 118	16-Sep-20	F003N002E16	160
ADL 628022	Fairbanks Exploration Inc	GST 119	16-Sep-20	F003N002E16	160
ADL 628023	Fairbanks Exploration Inc	GST 120	16-Sep-20	F003N002E17	160
ADL 628024	Fairbanks Exploration Inc	GST 121	16-Sep-20	F003N002E17	40
ADL 628026	Fairbanks Exploration Inc	GST 123	16-Sep-20	F003N002E17	40
ADL 628027	Fairbanks Exploration Inc	GST 124	16-Sep-20	F003N001E11	40
ADL 628028	Fairbanks Exploration Inc	GST 125	16-Sep-20	F003N001E11	40
ADL 628029	Fairbanks Exploration Inc	GST 126	16-Sep-20	F003N001E11	40
ADL 628030	Fairbanks Exploration Inc	GST 127	16-Sep-20	F003N001E11	40
ADL 628031	Fairbanks Exploration Inc	GST 128	16-Sep-20	F003N001E12	40
ADL 628032	Fairbanks Exploration Inc	GST 129	16-Sep-20	F003N001E12	40
ADL 628033	Fairbanks Exploration Inc	GST 130	16-Sep-20	F003N001E12	40
ADL 628040	Fairbanks Exploration Inc	GST 137	16-Sep-20	F003N002E18	137
ADL 628045	Fairbanks Exploration Inc	GST 142	16-Sep-20	F003N002E18	117
ADL 628047	Fairbanks Exploration Inc	GST 144	16-Sep-20	F003N001E23	160
ADL 628052	Fairbanks Exploration Inc	GST 149	16-Sep-20	F003N001E23	40
ADL 628053	Fairbanks Exploration Inc	GST 150	16-Sep-20	F003N001E23	40
ADL 628054	Fairbanks Exploration Inc	GST 151	16-Sep-20	F003N001E23	40
ADL 628055	Fairbanks Exploration Inc	GST 152	16-Sep-20	F003N001E23	40



## 2021 ANNUAL RECLAMATION STATEMENT

(33)

- ☐ Placer Mining  
☐ Suction Dredging  
☒ Hardrock Exploration

**Did not operate in 2021**APMA # 9324

Complete and return this statement by December 31, 2021. If you did not operate, fill in your name, check bottom box, sign, and return form.

In accordance with AS 27.19 (Reclamation Act):

I, \_\_\_\_\_ hereby file an annual reclamation statement for the 2021 mining operation described in subject Application for Permits to Mine in Alaska. (Submission of this statement does not constitute reclamation approval.)

Volume of material disturbed in 2021: \_\_\_\_\_ cubic yards (Includes strippings and processed material.)

Sluice days last season: \_\_\_\_\_ Cubic yards of material processed daily: \_\_\_\_\_ Annually: \_\_\_\_\_

Total acreage disturbed in 2021: State \_\_\_\_\_, Federal \_\_\_\_\_, Private \_\_\_\_\_. (Includes stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary stream diversions, stream bypasses, and settling ponds.) Federal operators should include area of camp and access roads.

Length \_\_\_\_\_ feet and Width \_\_\_\_\_ feet of stream diversion.

Stream diversion: ☐ Temporary ☐ Permanent ☐ No Diversion (check one).

Total Area reclaimed in 2021: \_\_\_\_\_ acres.

Total un-reclaimed acres: \_\_\_\_\_ (This should match "total acreage currently disturbed" on the 2022 Reclamation Plan Form.)

For areas reclaimed, the following reclamation measures were used (check only measures that were used).

**You must include photographs or videotapes of the completed reclamation work:**

- ☐ Spread and contoured tailings  
☐ Spread topsoil, vegetation, overburden muck or fines on the surface of contoured tailings  
☐ Reestablished flood plain with stream channel in stable position  
☐ Ponds are reclaimed  
☐ Backfilled and reclaimed temporary stream diversions  
☐ Camp removed, cleaned up and left free of debris  
☐ Hardrock Exploration: Complete and submit an electronic Annual Reclamation Report

Other Reclamation Measures Taken:

☒ Did not operate in 2021 and therefore did not conduct reclamation.

Relationship to Claim(s)

☐ Owner ☐ Lessee ☒ Operator

Signed \_\_\_\_\_ Date \_\_\_\_\_

☐ Agent For: \_\_\_\_\_

# 2022 RECLAMATION PLAN FORM (HARDROCK EXPLORATION)

<input type="checkbox"/> <b>A. RECLAMATION PLAN</b> (REQUIRED if the operation will disturb five or more acres this year, OR 50,000 cubic yards, OR if the operation has a cumulative disturbed area of five or more acres).	<input type="checkbox"/> <b>B. RECLAMATION PLAN VOLUNTARY</b> (for an operation below limits shown in Box A but wanting to qualify for the statewide bonding pool. (Operations on BLM Lands and others not filing Letter of Intent).	<input checked="" type="checkbox"/> <b>C. LETTER OF INTENT</b> (34) (less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).
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In accordance with Alaska Statute 27.19, reclamation is required of all mining operations. Reclamation bonding is required of operations with disturbance of 5 acres or greater. Completion of this application will meet the requirements for a "Reclamation Plan" for operations 5 acres and larger in size and for a "Letter of Intent To Do Reclamation" for operations under 5 acres. If you do not intend to use the reclamation methods presented below, you must provide additional information concerning your plans for reclamation under separate attachments.

Total acreage currently disturbed: 0 acres. This should match: "Total Unreclaimed Acres" on your 2021 Annual Reclamation Statement for Small Mines, or line #7 on your 2022 Bond Pool Renewal Form. Disturbed ground includes all unreclaimed mining and exploration activity (excluding camps and roads) since October 1991. Federal operators must include areas of camps and roads.

New acres to be disturbed in 2022 <4 acres. Total acreage (currently disturbed plus new acres): <4 acres.

Acreage disturbed by land status: <4 State (general) \_\_\_\_\_ State (Mental Health) \_\_\_\_\_ Private \_\_\_\_\_ Federal \_\_\_\_\_

Total acreage to be reclaimed in 2022 2 acres; Total volume of material to be disturbed in 2022: <20,000 cubic yards.

Include strippings and overburden to be removed. Cubic yards = Length (yards) x Width (yards) x Depth (yards).

☒ Reclamation will be conducted concurrently with activity. ☐ Reclamation will be conducted at the end of the season.

## THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:

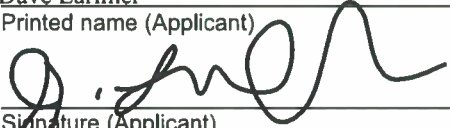
(These measures are required by law. Those that do not apply may be crossed out; but, an explanation must be given.)

- Topsoil, vegetation, and overburden muck, not promptly redistributed to an area being reclaimed, will be individually separated and stockpiled for future use. This material will be protected from erosion and from contamination by acidic or toxic materials and will not be buried by tailings.
- The area reclaimed will be reshaped to blend with the surrounding area using tailings, strippings, and overburden and be stabilized.
- Stockpiled topsoil, overburden muck, will be spread over the contoured exploration sites to promote natural plant growth such that
- Exploration trenches will be backfilled. Brush piles, stumps, topsoil, and other organics will be spread on the backfilled surface to inhibit erosion and promote natural revegetation. All exploration trenches will be reclaimed by the end of the exploration season in which they are constructed, unless specifically approved by the DMLW (Mining operations are required by law to be reclaimed as contemporaneously as practicable with the mining operation to leave the site in stable condition).
- Shallow auger holes (limited to depth of overburden) will be backfilled with drill cuttings or other locally available material in such a manner that closes the hole to minimize the risk to humans, livestock and wildlife.
- All drill hole casings will be removed or cut off at, or below, ground level. All drill holes will be plugged by the end of the exploration season with bentonite holeplug or equivalent slurry, for a minimum of 10 feet within the top 20 feet of the drill hole. The remainder of the hole will be backfilled to the surface with drill cuttings. If water is encountered in any drill hole, a minimum of 7 feet of bentonite holeplug or equivalent slurry will be placed immediately above the static water level in the drill hole. (NOTE: The operator understands that complete filling of the drill holes, from bottom to top, with bentonite holeplug or equivalent slurry is also permitted and is considered to be the preferred method of hole closure, unless communicated otherwise by DMLW.)
- If artesian conditions are encountered, the operator will take all measures practicable to prevent the offsite discharge of those waters subject to 11 AAC 97.240 and will contact the DMLW for approval of hole plugging measures.
- At closure, all shafts, adits, tunnels, and air vents to underground workings will be stabilized and properly sealed to ensure protection of the public, wildlife and the environment.
- On state lands, all buildings and structures constructed, used, or improved will be removed, dismantled, or otherwise properly disposed of unless the surface owner or manager authorizes that the buildings and structures may stay.
- On state lands, all scrap iron, equipment, tools, piping, hardware, chemicals, fuels, waste, and general construction debris will be removed or properly disposed of.
- Reclamation measures taken will be consistent with any alternative post mining land use approved by the Commissioner, subject to the provisions of 11 AAC 97.300(h) and the conditions (if any) of an approved reclamation plan.

**IMPORTANT:** 1. Alternative reclamation measures may be approved if the reclamation measures presented above are not applicable to your site. Please explain in separate correspondence. Submit a sketch and describe additional reclamation measures you propose to conduct at your operation. Reclamation measures must comply with AS 27.19.

**BONDING:** In accordance with AS 27.19, bonding is required for all operations having a mined area of  $\geq$  five acres on State Land. This area must be bonded for \$750.00 per acre, unless the miner can demonstrate that a third party contractor can do the needed reclamation for less. The Statewide Bonding Pool may be joined by completing a bond pool application form and meeting certain requirements. No reclamation plan approval goes into effect until the bonding pool deposit and annual nonrefundable fees are paid. Use bond form to calculate area of disturbance for bonding.

BLM requires that a reclamation plan be consistent with §43 CFR 3809.420, Performance Standards for the Surface Management regulations for Federal Operations. Refer to 43 CFR 3809 or the BLM minerals website available at <https://www.blm.gov/programs/energy-and-minerals/mining-and-minerals> for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.

Dave Larimer Printed name (Applicant)  Signature (Applicant)	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Agent For: <u>FELIX GOLD??</u>	Date: <u>28FEB22</u> APMA #: <u>9324</u>
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Sign This Page

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
STATE WIDE BOND POOL FORM

APMA # 9324

Felix Gold Alaska Operations Inc. attn Dave Larimer

Name 3133 Davis Road

Mailing Address Fairbanks

Alaska 99709

City State Zip Code

Submits unto the State of Alaska, Department of Natural Resources, the sum of

\$ Three-Hundred DOLLARS

for payment into the State Wide Bonding Pool to meet the bonding requirements of Alaska Statute 27.19 for mining activity located on claim numbers

See attachment

These claims are located within legal description (Township, Range, Section, Meridian)

See attachment

This bond amount was calculated as follows:

For **Federal Claims**: The total area of the mining operation, including camp site, access roads, unreclaimed areas,

and areas to be stripped for mining next season is 4 acres. Acreage should be rounded to the next whole acre. This acreage must include all areas disturbed by mining operations after January 1, 1981, that have not been approved as reclaimed by BLM. If a mining operation disturbs a previously mined area, that area must also be included in the acreage to be bonded.

For **State and Patented Claims**: The active mining disturbance, not including camp and access roads is \_\_\_\_\_ acres (acreage should be rounded to the next whole acre). This includes all areas that are part of the mining operation; including stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary or permanent stream diversions, and settling ponds. This acreage must include all areas disturbed by a mining operation after October 15, 1991 that have not been approved as reclaimed by ADNR. If a mining operation disturbs a previously mined area, that area must also be included in the acreage to be bonded.

Refundable bond deposit (new): 4 acres X \$112.50 = \$ 450<sup>00</sup>

Nonrefundable bond pool annual fee (new): 4 acres X \$ 37.50 = \$ 150<sup>00</sup>

Total \$ 300

Make check payable to 'Department of Natural Resources'. Sign and return form with applicable fees to: DNR - Mining: 550 W. 7<sup>th</sup> Ave. Suite 900B, Anchorage, AK 99501-3577 or 3700 Airport Way, Fairbanks, AK 99709-4699.

[Signature]  
Signed - Miner

28FEB22  
Date

[Signature]  
ADNR - Division of Mining, Land & Water

2/28/2022  
Date

BLM - Bureau of Land Management

Date

RECEIVED

FEB 28 2022