

STATE OF ALASKA
2025

Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: 2026 Finish: 2031 APMA Number (A/F/J, Year, ****) _____

What type activity are you planning to perform? *REQUIRED (1) <input type="checkbox"/> Suction Dredging/Reclamation <input type="checkbox"/> Reclamation Only <input type="checkbox"/> Placer Mining/ Reclamation <input type="checkbox"/> Access <input checked="" type="checkbox"/> Hardrock Exploration/ Reclamation	Surface estate of mineral properties: *REQUIRED (2) <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal <input type="checkbox"/> Private <input type="checkbox"/> City or Borough
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Check All That Apply: Mineral Property Owner Lessee Operator ***Required (3)**

Name: Tower Exploration, LLC Primary Phone Number: 907-46-4773
 Address: PO Box 81028 Secondary Phone Number: _____
Fairbanks, AK 99708-1028 Email: auroraresource@outlook.com

[Click here for the Department of Commerce Link](#)
 Alaska Business/Corporation Entity# 101120 Registered Agent (Corp./LLC/LP) Limited Liability Company

Check All That Apply: Mineral Property Owner Lessee Operator ***Required (4)**

Name: Fairbanks Gold Mining, Inc. Primary Phone Number: 907-490-2207
 Address: PO Box 73726 Secondary Phone Number: _____
Fairbanks, AK 99707-3726 Email: bartly.kleven@kinross.com

Alaska Business/Corporation Entity# 48244F Registered Agent (Corp./LLC/LP) Business Corporation

Check All That Apply: Mineral Property Owner Lessee Operator ***Required (5)**

Name: _____ Primary Phone Number: _____
 Address: _____ Secondary Phone Number: _____
 _____ Email: _____

Alaska Business/Corporation Entity# _____ Registered Agent (Corp./LLC/LP) _____

Check All That Apply: Mineral Property Owner Lessee Operator ***Required (6)**

Name: _____ Primary Phone Number: _____
 Address: _____ Secondary Phone Number: _____
 _____ Email: _____

Attach a separate sheet for additional contacts
 Alaska Business/Corporation Entity# _____ Registered Agent (Corp./LLC/LP) _____

Project Name If Applicable: (7) <u>Tower</u>	Average Number of Workers: *REQUIRED (8) <u>12</u>	Start-Up/Shut Down: (Month/Day) (9) <u>1/1</u> to <u>12/31</u>
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Mining District: *REQUIRED (10) <u>Richardson</u>	Applicable USGS Map(s): *REQUIRED (11) <u>Big Delta Quad</u>	On What Stream Is This Activity? (12) See stream crossings (Attachment 1, Table 5)
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Legal Description of mineral properties to be worked (MTRS) *REQUIRED (13) Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21 See attached claim list (Attachment 1, Table 1 & 2)	Internal Use Only:
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Internal Use Only:
 Date Application Received Complete: _____ Adjudicator: _____ LAS Entry: _____
 Sec 3 CID: _____ Sec 4 CID: _____ Sec 5 CID: _____ Sec 6 CID: _____

MINERAL PROPERTIES LIST

(14)

Properties that have previous mining disturbance requiring reclamation, active mining/exploration activities, surface improvements, location of a camp, or provides access through the claim block for mining activities. **DO NOT LIST CLAIMS UNLESS LISTED ACTIVITIES ARE ASSOCIATED WITH THEM.**

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 attached list	See claims list (Attachment 1)	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.	See equipment inventory list (Attachment 1, Table 7)	see attachment 1		<input checked="" type="checkbox"/>
2.				
3.				
4.				
5.				
6.				
7.				
8.				

ACCESS TO THE 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.

When are you going to be transporting equipment and/or traveling to and from the claim block? Winter Summer

Access to the claim block crosses what type of land(s)?

State City/Borough Federal Private

Indicate type(s) Existing Access to the claim block:

All season Road (These are public easements maintained by municipal, borough, private, or state funds for year round use). List road(s) to claim block: Tower Road

Existing Route or a RST/ RS 2477 Easement with a mineral base surface.
If the RST/ RS 2477 Easement(s) has a State of Alaska number, please list: _____

Navigable Waterway

Aircraft Supported

Indicate type(s) of access to be constructed within the claim block for development of the mineral resource:

Road(s) Helicopter Pad Airstrip No Improvements or Construction Proposed



APMA 9627 Active Area



This map was created on 6/29/2026 by the Alaska Department of Natural Resources as a courtesy to supplement the application received. This map displays a graphical illustration only. Source documents remain the official record.

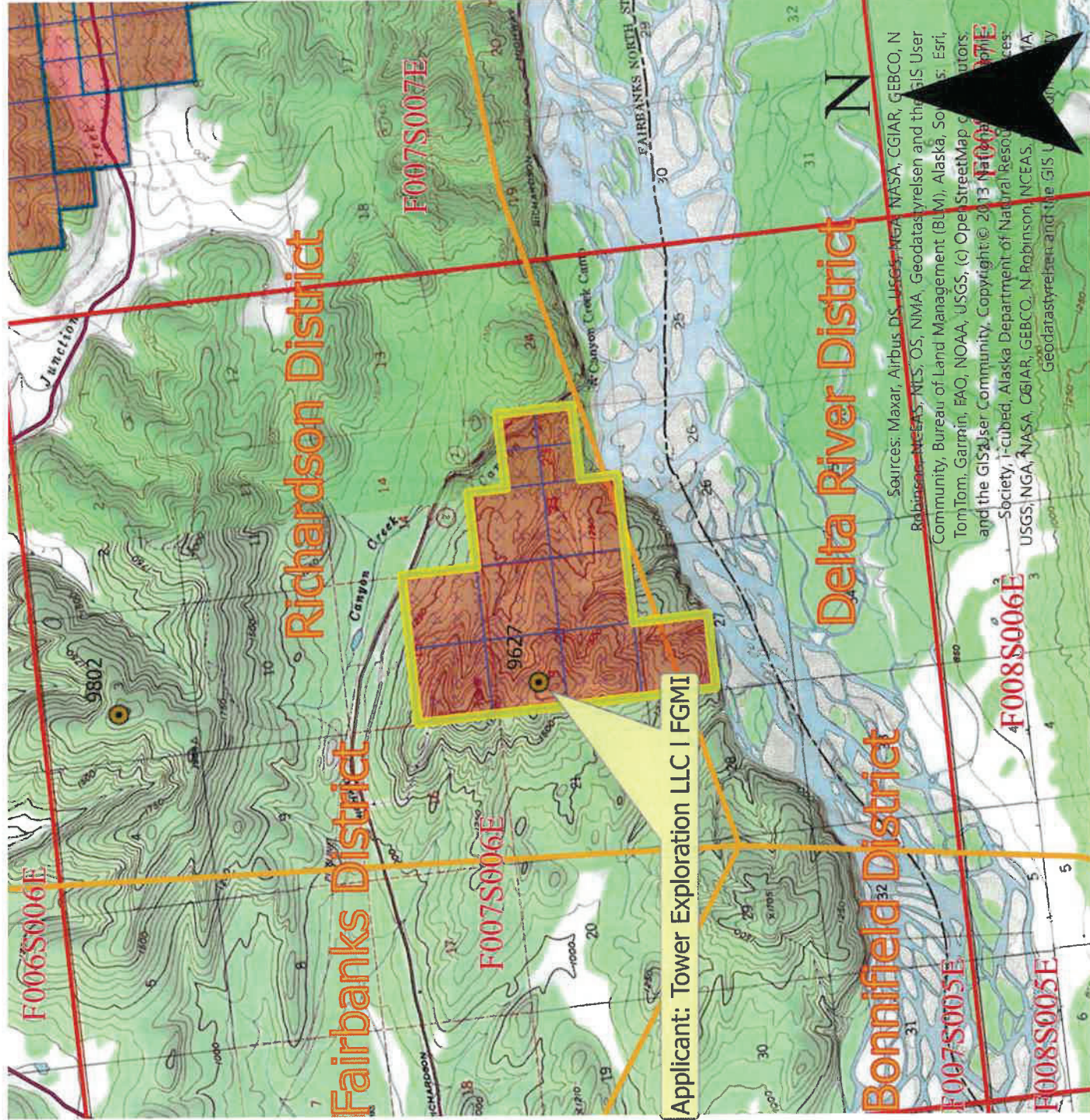
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Scale: 1:63,360

-  Hardrock Exploration
-  State Mining Claim Active
-  RS2477 Historic Transportation Routes



Center: 146°31'5"W 64°17'36"N



Sources: Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, GEBCO, N Robinson, NCEAS, NLS, OS, NIMA, Geodatasys, Esri, and the GIS User Community, Bureau of Land Management (BLM), Alaska, So Tom Tom, Garmin, EAQ, NOAA, USGS, (C) Open StreetMap contributors, and the GIS User Community, Copyright © 2013 National Geographic Society, i-cubed, Alaska Department of Natural Resources, USGS, NGA, NASA, CGIAR, GEBCO, N. Robinson, NCEAS, Geodatasys, Esri, and the GIS User Community.

CASE_ID	CSTMRNM	SPCLCDDSCR	CSSTTSDSCR	CLAIM_NAME	NTPSTDT	RFRSHDT
ADL 620769	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 10	11/15/2015 11:08	6/27/2026 4:03
ADL 620765	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 6	11/14/2015 11:08	6/27/2026 4:03
ADL 620768	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 9	11/14/2015 11:08	6/27/2026 4:03
ADL 620770	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 11	11/15/2015 11:08	6/27/2026 4:03
ADL 620771	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 12	11/13/2015 11:08	6/27/2026 4:03
ADL 620772	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 13	11/13/2015 11:08	6/27/2026 4:03
ADL 620762	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 3	11/13/2015 11:08	6/27/2026 4:03
ADL 620760	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 1	11/13/2015 11:08	6/27/2026 4:03
ADL 620761	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 2	11/13/2015 11:08	6/27/2026 4:03
ADL 620763	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 4	11/13/2015 11:08	6/27/2026 4:03
ADL 620764	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 5	11/13/2015 11:08	6/27/2026 4:03
ADL 620766	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 7	11/14/2015 11:08	6/27/2026 4:03
ADL 620767	TOWER EXPLORATION LLC	MINING CLAIM (MC)	ACTIVE (35)	TOWER 8	11/14/2015 11:08	6/27/2026 4:03

ACCESS TO THE CLAIM BLOCK, CONTINUED

(16)

Please describe your construction activities and include mitigation measures to protect water, fish and game resources. Include a time frame for final closure and a reclamation plan for access within the claim block. Attach additional pages if necessary:

Refer to claim access map (Attachment 1, Figure 1, 2, & 3) and the Hardrock Narrative (Attachment 2).

A access map **MUST** be submitted with your application. Topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish, location of proposed construction activities, and appropriate legal descriptions (township and range) on each map sheet. Paper size should be limited to 8 1/2" x 11". Do not tape maps together.

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

Fairbanks Gold Mining, Inc.

List all equipment and vehicles conducting travel to/from the claim block, including vehicle weights and season of travel:

Refer to equipment inventory list (Attachment 1, Table 7). Equipment will travel to/from the claims year-round.

State the average total miles traveled in one round trip: ~4. State the number of trips proposed: 2 per drill site

State the start and end date(s) or period(s) of proposed travel: 1/1 - 1/31

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: N/A gallons/day Water Source: N/A

Are you transporting fuel? Yes No

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

350-gal tank on frame of heavy duty vehicle

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

N/A

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

350-gal tank on frame of heavy duty vehicle, 110-gallon tank in the bed of light duty truck(s) and 5 gallon jerry-jugs.

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

Dispenser tanks on light and heavy duty vehicles

ACCESS TO CLAIM BLOCK CONTINUED

(16)

Does your 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.

N/A

PETROLEUM PRODUCT STORAGE

(17)

Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? Yes No

Do 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:

Refer to the Hardrock Narrative (Attachment 2)

Quantity Petroleum Products to 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 with a capacity of 55 gallons or greater). 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.epa.gov/oil-spills-prevention-and-preparedness-regulations/tier-i-qualified-facility-spcc-plan-template>.
- 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.

Indicate Distance Stored From Flowing Waters: more than 100 Feet. (Minimum distance from naturally occurring water bodies required by DNR is 100 feet).

Is waste oil stored on the project site? Yes No If Yes, describe quantity and storage modality: N/A

Are fuel containment berms around storage containers? Yes No Is berm area lined? Yes No

BLM operators submitting a plan of operation must submit a spill contingency plan. Notice level operations are encouraged to submit a spill contingency plan. The optional BLM Spill Contingency Plan can downloaded from: https://www.blm.gov/sites/blm.gov/files/BLM-AK_spill-contingency-plan_APMA_worksheetSup.pdf

TEMPORARY STRUCTURES/FACILITIES

(18)

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

If "No", Please explain: No structures on claims; exploration personnel will commute from Delta Junction with no camp required

Describe all temporary improvements (including buildings, tent platforms, out-buildings, etc., including their 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 (feet) _____ Width (feet).

Request use of **existing** facilities, list ADL(s): _____

Year-Round Seasonal, from Approx. _____ to _____, annually.

Request to place **new** 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):

See Attachment 2

Solid Waste - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal method. **Note: For on-site disposal on state land, additional authorization is required by DEC and DNR outside of the APMA.**

See Attachment 2

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 and Removal for Structures: Provide a plan for dismantling and removing structures, equipment, and storage tanks. Include the method and timeline for restoration of all location areas.

N/A

EXPLOSIVES

(21)

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.

WATER ENTRAPMENT

(22)

Will you be capturing water for use in mining operations? Yes No The entrapment is: Existing To be constructed
 Where does the water have a potential to being stored? Above ground Below ground level Both
 If above ground, what is the Length ____ ft Height ____ ft Width at crest ____ ft Width at base ____ft of the berm(s)
 What is the purpose of the water use? Makeup water pond Settling/recycle pond Stream diversion Other _____
 How long do you expect for the entrapment to be in place Permanent 1-3 years 3-5 years 5 or more
 If above ground, how many acre-feet is the maximum capacity of water stored from ground level to crest of the berm? _____
 Total volume in acre-feet = surface area (acres) x average depth (feet) (1 acre = 43,560 square feet)
 Where is the topographic location of the water storage area? Valley bottom Hillside
 If on a hillside, Approximately how many feet is the water storage above the valley floor _____ft

IN-STREAM ACTIVITIES and STREAM CROSSINGS

(23)

List any equipment (refer to Box 15 if necessary) that will be crossing streams (including low-water crossings along established trails/roads) or used in any natural waterbody or used in-stream:

See equipment inventory ()

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 http://dnr.alaska.gov/mapper/controller		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.					<input type="checkbox"/>	<input type="checkbox"/>	<input 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.	See Attachment 1	Table 5 & 6	Figures 1 & 2		<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.

WATER USE AUTHORIZATIONS

If water is impounded, withdrawn, or diverted, the ADNR Water Resources Section needs to review the water sources and water uses to determine if a water use authorization is needed. Water usage (including from 100% recycle pond systems) may require approval by issuing a Temporary Water Use Authorization (TWUA) 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 TWUA application may be initiated from this APMA, unless a Water Right is requested. Please contact the ADNR, Water Resources Section at telephone number (907) 451-2790 for more information.

- Is there a current Water Right within the proposed mineral property boundary? Yes No
- If yes, provide the LAS or ADL Water Right Case File number: N/A
- What are the months of water use needed (for example May 1st through October 31st)? 1/1-12/31

Name & Location of Water Source(s):

- If water is required **to fill** or **to maintain** water in the recycle/settling pond system check the applicable box (table below in part A) for each water source used. Please note that a recycle/settling pond system is a water source (5 sources per TWUA). Stormwater from rainfall or snowmelt do not require water use authorizations.
- Identify each water source and its geographic location using MTRS. Include Lat/Long coordinates if available.

Example: Finger Lake: Fairbanks Meridian, Township 3 North, Range 3 West, Section 20.
 MTRS: F3N3W 20
 Lat/Long: 65° 4' 15" N; 148° 12' 43" W

A. Name & Location of Water Source(s). No more than 5 water sources per TWUA. Attach list of additional sources if needed. A \$450 fee is associated with each TWUA. The APMA paperwork is all that is needed to apply for TWUAs. For example, if there are 20 sources listed in the APMA, 4 TWUA case files will be generated.
When submitting an APMA, a separate Application for Temporary use of Water form is not needed.

Provide the geographic name or locally know name of water Source. (Recycle/settling ponds, creek, stream, well, etc.) If requesting a stream reach, clearly identify the entire stream reach on a legible map.	Meridian	Township	Range	Section(s)	Start-Up Water and/or Make-Up Water? Check each applicable box.			
					Start-Up	Make-Up		
<u>Example:</u> Unnamed Creek	F	3N	3W	20	Start-Up	X	Make-Up	X
1. Canyon Creek at Old Rich	F	7S	6E	14	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
		Latitude: 64.3015		Longitude: -146.4962				
2. Banner Creek at MP 295.3	F	7S	7E	22	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
		Latitude: 64.289		Longitude: -146.3522				
3. Pond near Borrow Pit on Tanana	F	7S	7E	27	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
		Latitude: 64.289		Longitude: -146.3522				
4. Pond off Tanana River	F	7S	6E	24	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
		Latitude: 64.2884		Longitude: -146.4535				
5. Unnamed Tributary of Canyon Creek	F	7S	6E	22	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
		Latitude: 64.2984		Longitude: -146.5240				

WATER USE AUTHORIZATIONS CONT.

(24)

B. Water Use Activities. Complete applicable information for each source. For recycle/settling pond system complete part C. **Recycle/Settling Pond System.** For stream diversions also complete Section 29.

Geographic Name of Water Source <i>(Same as sources Above).</i>	Diversion (gpm/cfs)	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month
Describe the water use information for each source. For recycle/settling pond system complete Section C.					
1. Canyon Creek at Old Rich	N/A	14,400 gpd (max)	1	24	28-31
2. Banner Creek at MP 295.3	N/A	28,800 gpd (max)	2	24	28-31
3. Pond near Borrow Pit on Tanana	N/A	28,800 gpd (max)	2	24	28-31
4. Pond off Tanana River	N/A	28,800 gpd (max)	2	24	28-31
5. Unnamed Tributary of Canyon Creek	N/A	14,400 gpd (max)	1	24	28-31

C. Recycle/Settling Pond System	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Additional Notes:
This system will also need to be listed as a water source in Section A. This entire pond system counts towards the 5 sources allowed per TWUA. Provide Length (L), Width (W), and Depth (D), of each pond. Beaver ponds or similar nature made impoundments will not be permitted for use as settling ponds.					
	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	

D. Camp Water Uses	Maximum # of People in Camp	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring, Lake Source(s) will count towards the 5 sources identified in Section A.
Provide information on camp water uses. If an ADEC public drinking water system is used, please attach certificate to operate and/or associated documents.						
Additional Notes:						

WATER USE AUTHORIZATIONS CONTINUED

(24)

E. Exploration Activities	Is Water Needed for Exploration Trenching or Drilling?	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring Lake, etc. Source(s) will count towards the 5 sources identified in Section A.
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.	YES	28,800 gpd (+)	2	24	28-31	see Attachment 1 Table 6

D. SUCTION DREDGING.

If suction dredging activity is occurring, please ensure that you have completed the dredge table in Section (19) MINING METHOD.

TIMBER CLEARING AND USE
(Operations on State Lands Only)

(25)

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.

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

(26)

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 <https://dec.alaska.gov/water/edms>.

Previously issued DEC-APDES Wastewater discharge permit #: N/A

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: N/A

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: _____

Business Name (if applicable) - Printed: _____

SECTION 404 WETLANDS PERMIT

JURISDICTIONAL DETERMINATION (CORPS JD) and MITIGATION STATEMENT

All Placer Mining applicants are required to contact the Corps of Engineers for submittal requirements.

A complete application for a Department of the Army (DA), U.S. Army Corps of Engineers (Corps) Section 404 permit includes a description of project impacts (contained in the APMA), a Jurisdictional Determination (JD) and a Mitigation Statement. The applications for the JD and the Mitigation Statement are contained in two Corps Supplements, which may be attached to this APMA. The Supplements may be downloaded from the Corps and DNR websites, or obtained directly from a Corps office in paper copy, by email, or mail. Please contact the Corps to determine what supplements are required.

The Supplements are available at: <https://www.poa.usace.army.mil/Missions/Regulatory/Placer-Mining/>

Corps Supplement, Attachment 1, Jurisdictional Determination: Attachment 1 must be filled in and submitted to the Corps for **all new placer applications (New and Existing Operations)**. Photos of your mine site are required. Your JD will be valid for five years. Your photos will be used only for the purpose of conducting an offsite JD.

Corps Supplement, Attachment 2, Mitigation Statement: Alaska District regional mitigation policy for placer mining operations under this General Permit (GP) emphasizes avoidance and minimization of impacts; **compensatory mitigation is not required**. However, by regulation, a Mitigation Statement covering measures for avoidance, minimization, and compensatory mitigation, or, a reason why compensatory mitigation is not proposed, must be submitted to the Corps with each new APMA for projects that impact waters of the U.S.

APMA is for Exploration activity ONLY, there will be no discharging of fill material into wetlands, streams, or lakes. A Section 404 Wetlands Permit is not required.

Provide the Latitude and Longitude of the operation location (DD, NAD83):

Latitude: _____ Longitude: - _____

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

Please list Corps permits previously issued for this site: POA- _____ - _____ , POA- _____ - _____

Certification Statement

The Alaska District will accept the APMA as a pre-construction notification, pursuant to 33 CFR 320.1 (c). Application is hereby made for a permit to authorize the work described in this APMA. I certify the information in the APMA, and any required Supplements, is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the operator/ applicant.

Operator or Agent:

Print Name

Signature

Date

STREAM DIVERSION AND CULVERTS

(28)

A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED: The map **MUST** 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. Pending on the scale of the proposed diversion, additional maps, construction details, and a stream reclamation plan may be requested in addition to this section after initial review. 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. **Contact ADF&G, Habitat Section for Fish Habitat Permitting information regarding diversion requirements.**

Please note: A stream diversion 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). If you require further regulatory guidance regarding dams, please contact our Dam Safety and Construction Unit, Dam Safety Engineer at (907) 269-8636, or for more information go to the Alaska Dam Safety Program website at: <http://dnr.alaska.gov/mlw/water/dams/>

Is Stream Diversion Required? Yes (if Yes, complete information below). No

Stream Name: N/A

Existing (Date Constructed _____) To Be Constructed (Date _____)

Diversion Start/upstream Location (Lat/Long) _____

Diversion End/Downstream Location (Lat/Long) _____

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)

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

Dimensions of proposed diversion:

Length____(ft) Top Width____(ft) Bottom Width____(ft) Depth____(ft) Floodplain Width____(ft)

Note: The general geomorphology (e.g., meander, width/depth, pools/runs, etc.) and instream components (e.g., large woody debris, boulder/cobble, etc.) of the natural stream should be mimicked to the extent practicable.

***Required:** A written stream diversion narrative in addition to this form. The narrative should describe the following:

- 1.) Step by Step Procedures
- 2.) Construction Techniques
- 3.) Reclamation Techniques
- 4.) Timelines

Are culverts being installed in any natural water-body or diversion structures? Yes/No _____

If yes include culvert locations, sizes and length on a map or table.

PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(31)

A narrative of the operation is required. Please use this space to describe the access, mining process, environmental protection measures and reclamation measures to be used for the duration of this permit. Use multiple sheets if necessary.

DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT:

N/A

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

N/A

DESCRIBE PLANNED RECLAMATION MEASURES INCLUDING TIMELINE FOR RECLAMATION TO TAKE PLACE:

N/A

DISCUSS WATER MANAGEMENT PLANS, INCLUDING USE, SOURCE, QUANTITY AND SURFACE WATER/ EROSION MANAGMENT PLAN:

N/A

DISCUSS FUEL STORAGE, HANDLING, AND SPILL PREVENTION AND RESPONSE PLANS:

N/A

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

N/A

HARDROCK EXPLORATION TRENCHING and DRILLING

(32)

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

Trenching: Yes No

Estimated number of trenches to be excavated: 30 How long will trenches be open? <1 year

Average Size: Length: 800 Ft. Width: ~24 Ft. Depth: ~8 Ft.

Drilling: Yes No

Type of Drill(s) Used: _____

Total Number of Holes 500

Diameter of Drill Rod/Casing Rod 1.8-5.25 inch (NQ/HQ/H, Etc.)

Drilled: Estimated Maximum Depth: Unknown

Indicate how many pumps per water source: 2

Will water be used? Yes No

Water source name(s): See attachment 1 Table 6

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)
	Refer to attachment 1		

If more than 8 trenches/drill sites, please provide data in tabular format ([APMA tabular data template for reporting proposed activities and reclamation](#))

A narrative of the operation is required. Please attach a written narrative to this application. The narrative should include the information to answer the prompts provided below and include any additional information relevant to the proposed activities.

Refer to Attachment 2

- 1.) Describe access to property, drill/trench sites, including length and type of access routes. Describe access reclamation measures to be conducted and timeline.
- 2.) Describe exploration method, scope of work proposed, equipment, when and where activities will occur, personnel housing location and camp description.
- 3.) Describe site preparation activities and pre-reclamation measures.
- 4.) Describe pad construction and dimensions.
- 5.) Describe drill core management, to include transportation of core, storage, and removal or disposal from the exploration project.
- 6.) Describe drill waste and drill water management, drill fluids and disposal methods. Attach msds/sds for all substances.
- 7.) Describe fuel handling at exploration drill sites (pads and trenches) and off site (camp or base operations).
- 8.) Discuss spill prevention and response plan.
- 9.) Describe water use including estimate of daily water use.
- 10.) Describe how the operation will avoid and/or mitigate potential impacts to fish, wildlife and cultural resources: describe closure, plugging methodology, surface reclamation and abandonment.

2026 RECLAMATION PLAN FORM (HARDROCK EXPLORATION)

<input checked="" type="checkbox"/> A. RECLAMATION PLAN (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. RECLAMATION PLAN VOLUNTARY (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 type="checkbox"/> C. LETTER OF INTENT (34) (Less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).
--	---	---

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 2025 Annual Reclamation Statement for Small Mines, or line #7 on your 2026 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 2026 5 acres. Total acreage (currently disturbed plus new acres): 5 acres.

Acreage disturbed by land status: 5 State (general) _____ State (Mental Health) _____ Private _____ Federal _____

Total acreage to be reclaimed in 2026 5 acres; Total volume of material to be disturbed in 2026: 40,000 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 the area can reasonably be expected to revegetate within five years. Stockpiled vegetation will be spread over topsoils.
- 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.

Bartly Kleven Printed name (Applicant) DocuSigned by:  Signature (Applicant)	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Agent For: <u>Kinross Alaska</u>	Date: <u>5/6/2026</u> APMA #: _____
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STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
STATE WIDE BOND POOL FORM

APMA # _____.

Fairbanks Gold Mining Inc

Name
PO Box 73726

Mailing Address
Fairbanks AK 99707-3726
City State Zip Code

Submits unto the State of Alaska, Department of Natural Resources, the sum of
\$ 750 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 1, Table 1

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

See Attachment 1, Table 1

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 0 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 5 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): 5 acres X \$112.50 = \$ 562.50

Nonrefundable bond pool annual fee (new): 5 acres X \$ 37.50 = \$ 187.50

Total \$ 750.00

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

DocuSigned by: Bartley Kluven 5/6/2026
Signed - Miner Date

ADNR - Division of Mining, Land & Water Date

BLM - Bureau of Land Management Date

Attachment 1

Notice of Operator Authorization Claim List

Claim Group	ADL #	Claim Name	Posting Date	Claim Type	Location					Rec. Distr	Owner	Operator
					M	T	R	S	Qtr(Qtr)			
Tower	620760	TOWER 1	11/13/2015	MTRS	F	7	6	15	SW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620761	TOWER 2	11/13/2015	MTRS	F	7	6	15	SE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620762	TOWER 3	11/13/2015	MTRS	F	7	6	22	NW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620763	TOWER 4	11/13/2015	MTRS	F	7	6	22	NE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620764	TOWER 5	11/13/2015	MTRS	F	7	6	23	NW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620765	TOWER 6	11/14/2015	MTRS	F	7	6	22	SW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620766	TOWER 7	11/14/2015	MTRS	F	7	6	22	SE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620767	TOWER 8	11/14/2015	MTRS	F	7	6	23	SW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620768	TOWER 9	11/14/2015	MTRS	F	7	6	27	NW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620769	TOWER 10	11/15/2015	MTRS	F	7	6	23	SW of NE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620770	TOWER 11	11/15/2015	MTRS	F	7	6	23	SE of NE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620771	TOWER 12	11/15/2015	MTRS	F	7	6	23	NW of SE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620772	TOWER 13	11/15/2015	MTRS	F	7	6	23	NE of SE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.

Table 1. List of state claims subject to APMA application

Claims with Proposed 2026 Work

Claim Group	ADL #	Claim Name	Posting Date	Claim Type	Location					Rec. Distr	Owner	Operator
					M	T	R	S	Qtr(Qtr)			
Tower	620760	TOWER 1	11/13/2015	MTRS	F	7	6	15	SW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620761	TOWER 2	11/13/2015	MTRS	F	7	6	15	SE	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.
Tower	620764	TOWER 5	11/13/2015	MTRS	F	7	6	23	NW	Fairbanks	Tower Exploration LLC	Fairbanks Gold Mining, Inc.

Table 2. Claims for which 2026 surface improvements and drilling activities will occur

Proposed 2026 Drill Collar Locations						
Drillhole Name	Longitude (WGS84)	Latitude (WGS84)	MTRS	Claim	ADL	
Drill Site 01	-146.5318	64.3055	F007S006E15	TOWER 2	620761	
Drill Site 02	-146.5306	64.3054	F007S006E15	TOWER 2	620761	
Drill Site 03	-146.5293	64.3054	F007S006E15	TOWER 2	620761	
Drill Site 04	-146.5302	64.3030	F007S006E15	TOWER 2	620761	
Drill Site 05	-146.5302	64.3036	F007S006E15	TOWER 2	620761	
Drill Site 06	-146.5302	64.3041	F007S006E15	TOWER 2	620761	
Drill Site 07	-146.5368	64.3055	F007S006E15	TOWER 1	620760	
Drill Site 08	-146.5344	64.3047	F007S006E15	TOWER 2	620761	
Drill Site 09	-146.5276	64.3025	F007S006E15	TOWER 2	620761	
Drill Site 10	-146.5244	64.3021	F007S006E15	TOWER 2	620761	
Drill Site 11	-146.5316	64.3036	F007S006E15	TOWER 2	620761	
Drill Site 12	-146.5290	64.3036	F007S006E15	TOWER 2	620761	
Drill Site 13	-146.5306	64.3060	F007S006E15	TOWER 2	620761	
Drill Site 14	-146.5307	64.3048	F007S006E15	TOWER 2	620761	
Drill Site 15	-146.5332	64.3038	F007S006E15	TOWER 2	620761	
Drill Site 16	-146.5302	64.3024	F007S006E15	TOWER 2	620761	
Drill Site 17	-146.5317	64.3073	F007S006E15	TOWER 2	620761	
Drill Site 18	-146.5404	64.3064	F007S006E15	TOWER 1	620760	
Drill Site 19	-146.5120	64.2994	F007S006E15	TOWER 1	620760	

Table 3. Proposed Drill Collar Locations for 2026

Table 4. NOT included as no state claims are crossed to access Tower project area.

In-Stream Activities and Crossings					
Name of Water	Longitude (WGS84)	Latitude (WGS84)	MTRS	Qtr(Qtr)	Activity Type
Unnamed Tributary of Canyon Creek	-146.5240	64.2984	F007S006E22	NE of NE	Crossing
Unnamed Tributary of Canyon Creek	-146.5068	64.2931	F007S006E23	NE of SW	Crossing

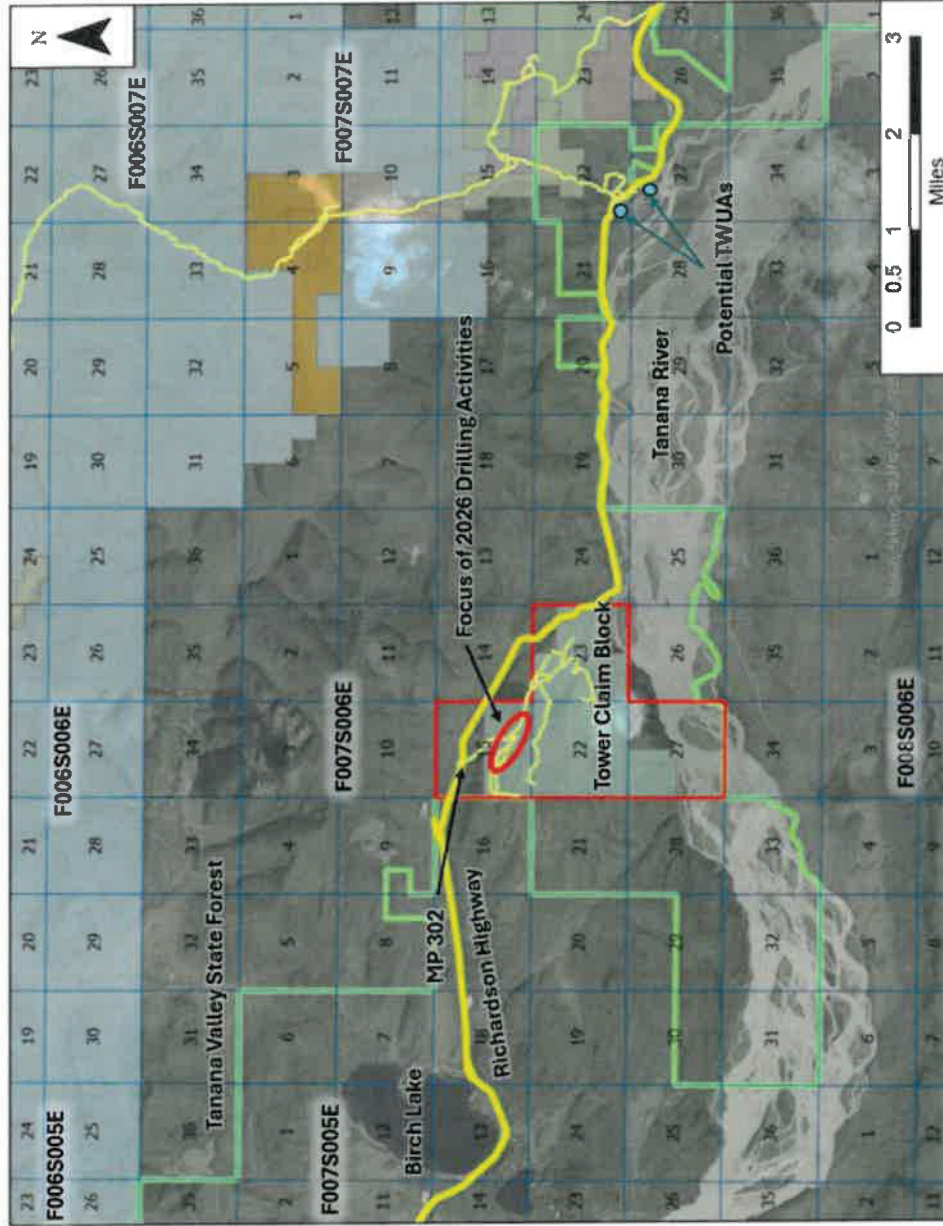
Table 5. List of in-stream activities. Main access route to project area DOES NOT cross these streams. Existing logging trails located on Tower claims DO cross these streams

Temporary Water Use					
Name of Water	Longitude (WGS84)	Latitude (WGS84)	MTRS	Qtr(Qtr)	Activity Type
Canyon Creek at Old Rich	-146.4962	64.3015	F007S006E14	SW of SE	Temporary Water Uptake
Banner Creek at MP295.3	-146.3522	64.289	F007S007E22	SW of SW	Temporary Water Uptake
Pond near Borrow Pit on Tanana	-146.3383	64.2826	F007S007E27	NE of NW	Temporary Water Uptake
Ponds off Tanana River	-146.4535	64.2884	F007S006E24	SE of SE	Temporary Water Uptake
Unnamed Tributary of Canyon Creek	-146.5240	64.2984	F007S006E22	NE of NE	Temporary Water Uptake

Table 6. Proposed temporary water uptake sites to support drill activities

Equipment List				
Make	Model	Type	Weight (lbs)	Quantity
John Deere	750	Tracked Dozer or similar	22300	0-1
John Deere	225	Excavator or similar	54000	0-1
CAT	D5	Tracked Dozer or similar	42000	0-1
CAT	D8	Tracked Dozer or similar	80000	0-1
Prinoth	GT3000	Tracked Hauler or similar	25700	0-1
Schramm	685EX	Track Mounted RC drill rig or similar	93500	0-1
Versa	V-140X	Rubber Tire Mounted RC drill rig or similar	25700	1
Boart Longyear	LF90D	Track Mounted Diamond Core drill rig or similar	25900	0-1
Multipower	Discovery II	Skid/Track Carrier Mounted Diamond Core drill rig or similar	7800	1
International	MV607	Water Truck or similar	26000	1-2
Ford	F250	Support Pickup or similar	5000	6-9
John Deere	Gator	Support SXS or similar	1200	2-4
Ford	F550	Support Pickup or similar	7300	0-1

Table 7. List of potential equipment used on the project



Tanana Valley State Forest
AS 41.17.400



Section-Level Work Area

Tower Claim Block: F007S006E secs.
15, 22-23, & 27



Existing Access (thin)



Richardson Highway (thick)

Claim Groups

Fairbanks Gold Mining Inc.

Tower Exploration LLC (Owner)

Fairbanks Gold Mining Inc. (Operator)

Contango Minerals Alaska LLC

Pete Yournas

Ron Simkiss

Wayne Peppler

Richardson Exploration & Mining Co.

Fox Mining LLC

Figure 1. Map of sections, claims, Tanana Valley State Forest, site access, and select proposed water uptake sites

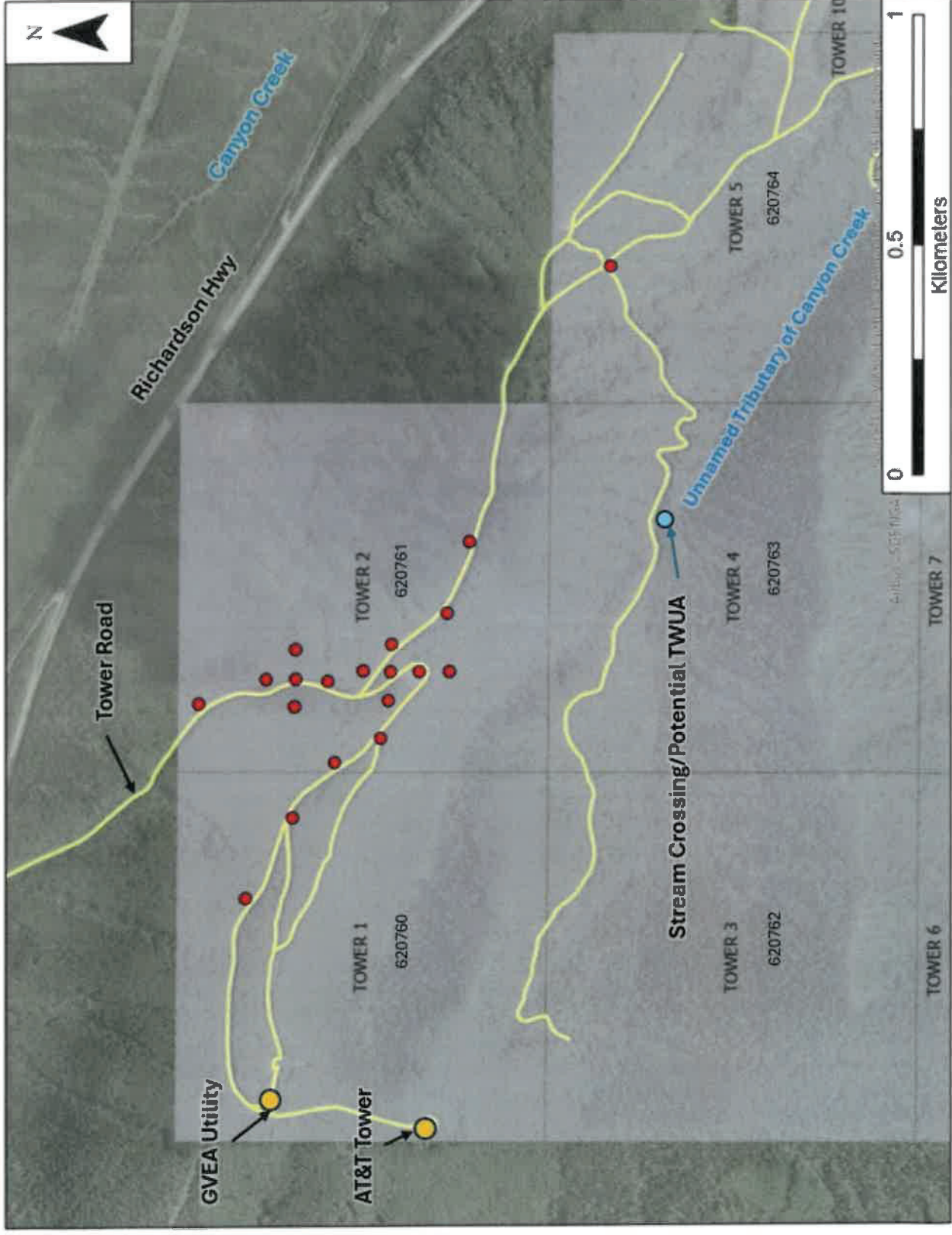


Figure 3. Map of Tower, locus of 2026 work activities, showing proposed drill collar locations and select water uptake / stream crossing site with Tower Exploration (owner) and FGMI (operator) claims

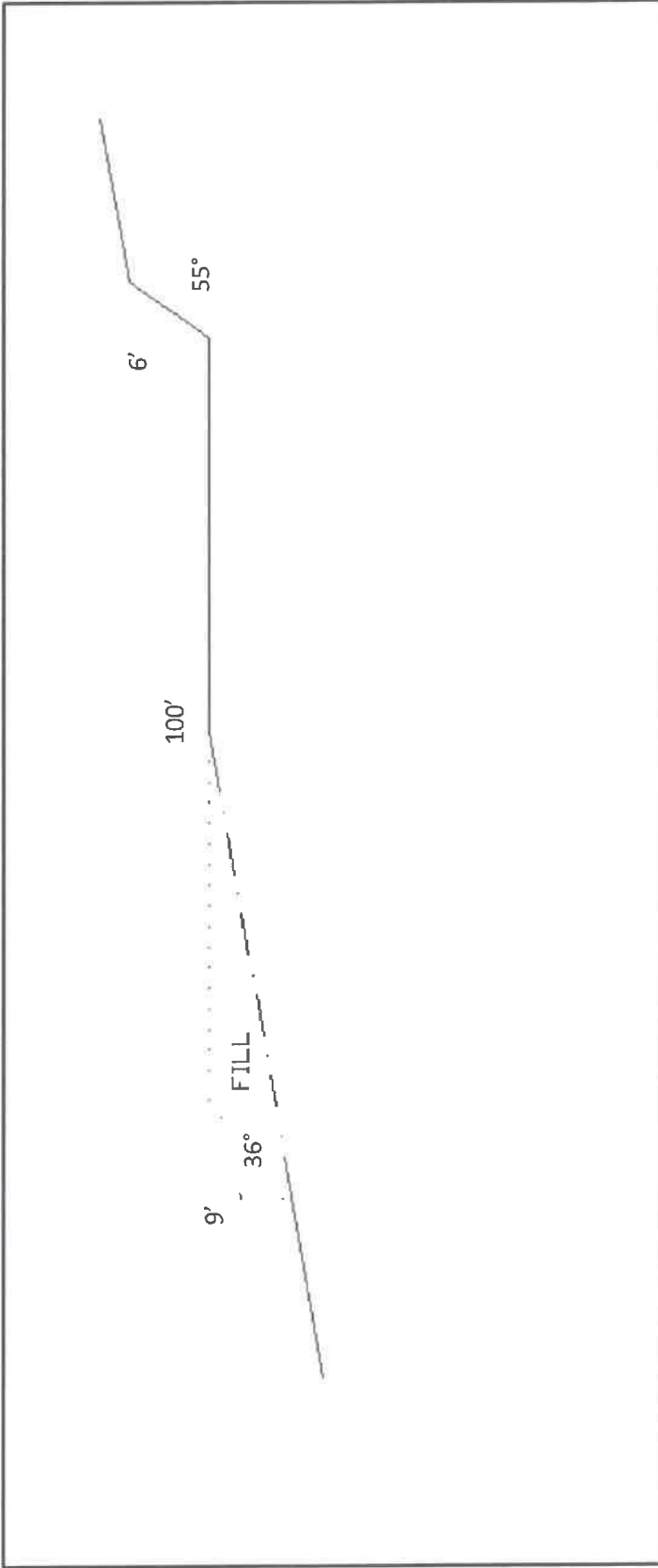


Figure 4. Cross-section through typical drill pad

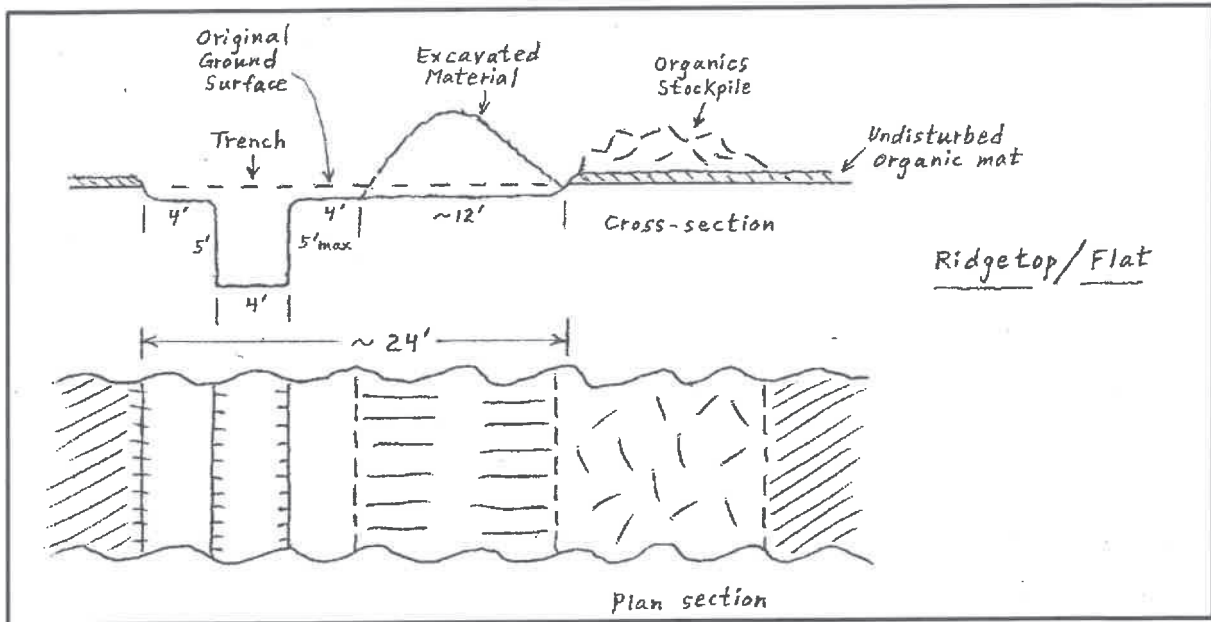


Figure 5. Cross-section through single-bench trench on gentle slope

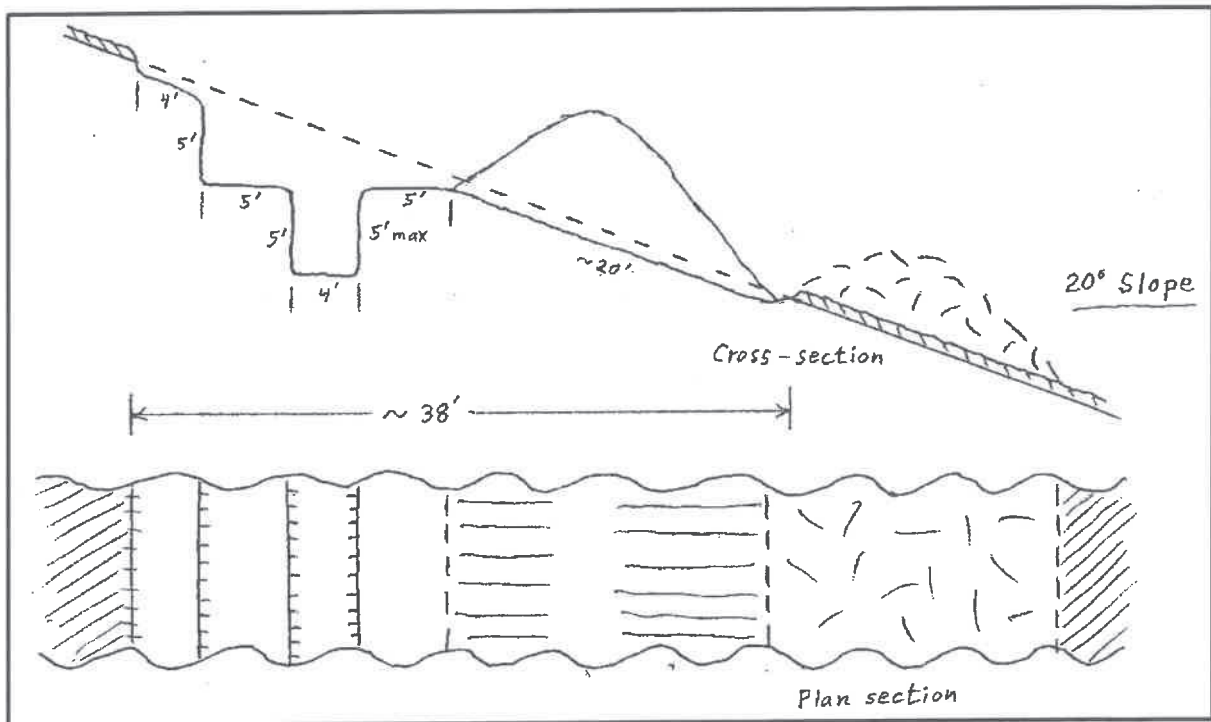


Figure 6. Cross-section through double-bench trench on 20° slope

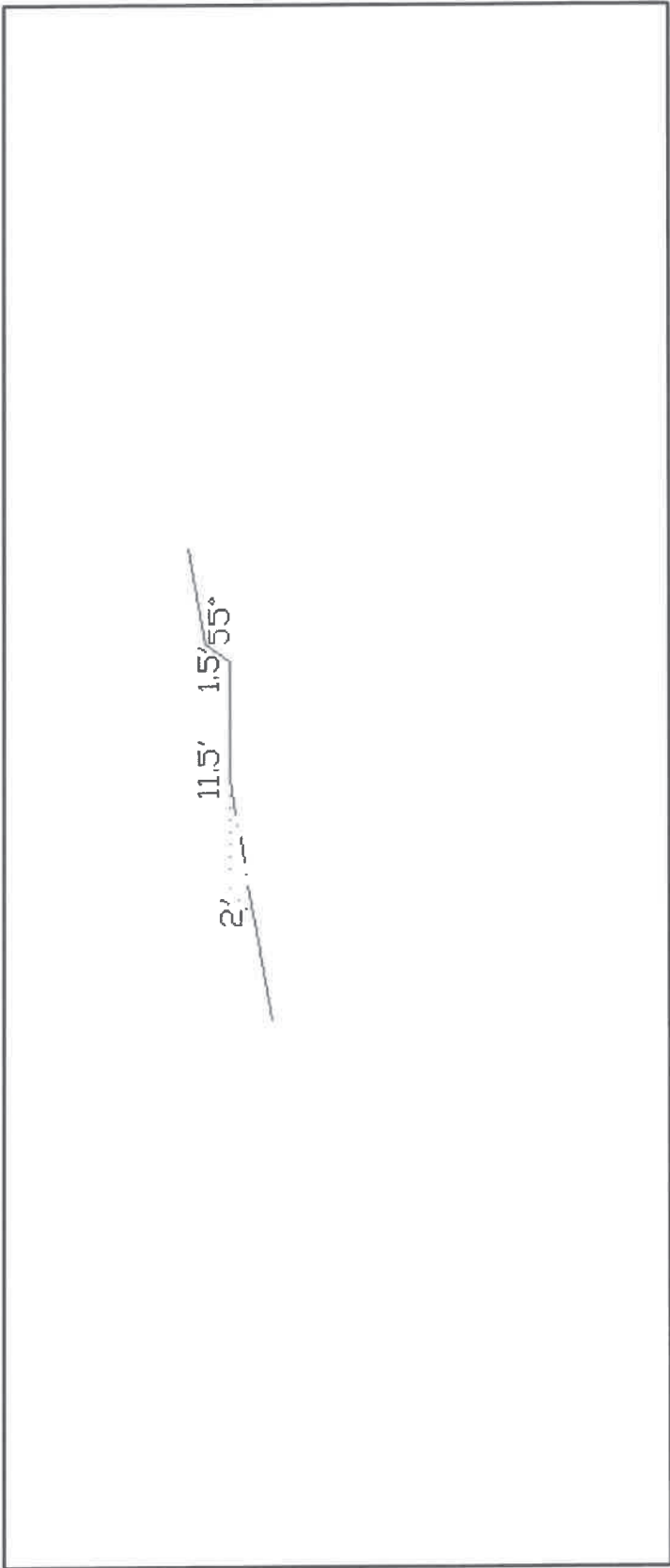


Figure 7. Cross-section through typical trail on side slope

Attachment 2

1.) Describe access to property, drill/trench sites, including length and type of access routes. Describe access reclamation measures to be conducted and timeline.

Access to the site is from milepost 302 on the Richardson Highway. From there, 0.3 miles of pickup truck accessible dirt road (Tower Road) continues southeast until arriving at the Tower project area. This route is well established and services utility towers (GVEA PAN 409286 and AT&T PAN 503941). FGMI will maintain BMPs (water bars, ditches, etc.) or conduct other road improvements along this route during active exploration activity to maintain safe and environmentally friendly access. All land crossed is State of Alaska land and within Tanana Valley State Forest AS 41.17.400. Access to the more southerly claims adjacent the Tanana River is via existing logging trails on UTV/ATV. Construction and trail improvements for a pickup truck accessible road to these claims (Tower 6-9, 12) is not planned for 2026.

Once arrived at the Tower Claim Block, the primary area of interest (Tower 1-5) have well-established access routes or unreclaimed logging trails, which limits new disturbance to selected drill sites (Figure 2 & 3). In areas that do require improved access, a mid-sized dozer equipped with an 8-foot blade is typically employed. Trails, as designed, will involve 1,400 square-feet of surface disturbance per 100-foot leg. All trails will be constructed with crowns, ditching, and water bars to minimize erosion. Figure 7 is a cross-section through a typical trail.

Exploration personnel will commute to the project from Delta Junction.

Each site will be stabilized upon completion, with final reclamation conducted before the end of the season. Disturbance to existing access for utility infrastructure will be repaired as-needed. Concurrent reclamation and site stabilization will be conducted as project progresses to limit total open disturbance at any one time. Site reclamation includes restoring grade and spreading segregated organic material over the site to limit erosion and promote revegetation. Trail construction and maintenance will be done using best management practices to limit excessive erosion and runoff.

Existing access into this area is good; therefore, new disturbance will be limited to the selected sites, where possible. Figure 1 is a location map showing location of state claims, sections, and site access. Figure 2 shows more detailed site access and state claims with focus on Democrat Lode. Figure 3 shows a detailed map of where drilling may occur during 2026 with existing trails/roads and proposed water uptake site. Specific drill sites and trench locations are subject to change pending field investigation and geologic knowledge gained during program execution.

2.) Describe exploration method, scope of work proposed, equipment, when and where activities will occur, personnel housing location and camp description.

Exploration plans to commence drilling, surface trenching, and test pitting within the Big Delta Quadrangle, F007S006E secs. 15 and 23. Prospecting, surveying, and surface sample collection will occur in F006S006E secs. 15, 22-23, and 27. Drilling will be up to 5,400 feet in up to 20 drillholes for 2026. Trenching will be up to 3,000 feet in up to 4 trenches. Up to 10 test pits will be conducted. The total disturbance within this project area will be up to 5 acres. Up to 2.5 acres of trench disturbance, up to 2.5 acres of drill pad disturbance. Approximately 4,000 linear feet of new trail construction will occur to facilitate access to drilling and surface sampling locations.

Over a 5-year period for the duration of this APMA application starting in the year 2026: up to

500,000 feet in up to 500-drillholes, up to 30 trenches, up 100,000 linear feet of new trail may be constructed depending on the success of each successive years' hardrock exploration campaign. Access maps and proposed work activities will be included in each annual work plan. An annual reclamation report will be submitted. Refer to Table 1 for all FGMI claims that may be subject to exploration activities for 2027-2031 and refer to Table 2 and Table 3 and Figure 3 for exploration activities planned for 2026.

2026 Surface drilling, test pitting, and surface improvements will occur on state land within F007S006E secs. 15 and 23 within claims TOWER 1 ADL 620760, TOWER 2 ADL 620760, and TOWER 5 ADL 620760. Table 1 shows all FGMI claims and Table 2 shows claims where drilling activities and surface improvements will be focused in 2026. Table 3 shows proposed drill collar locations.

There will be no on-site camp; exploration personnel will commute from Delta Junction.

A track or skid-mounted, diamond drill rig or reverse circulation drill rig may be used to drill 4- to 7-inch boreholes. Drilling will be performed by independent drilling contractors under the direct supervision of Fairbanks Gold Mining, Inc. (FGMI) personnel. Sampling of the drill holes is done either by a geologist or a member of the staff of the drill contractor, as directed by a FGMI geologist.

All drillholes will be abandoned by backfilling completely with bentonite and cement, except where commissioned as piezometers, thermistors, or monitoring wells, in which case, a small diameter standpipe and/or steel surface casing will be above grade upon completion. A typical drill pad, as designed, will be approximately 10,000 square-feet in area, depending on specific drill rig requirements and site conditions. Figure 4 is a cross-section through a typical drill pad. Warning signs are posted at entrances to drill pads to alert other land users of the potential hazard.

All drillholes will be drilled in the manner described below. Precautions will be taken by the geologic staff and contractors to minimize surface disturbance from the drilling program. Precautions include, but are not limited to: minimizing drill pad surface area where practicable based on specific drill rig requirements/footprint, site location, and drill rig orientation. Segregation of organic and mineral soils to facilitate reclamation. Placement of organic material downslope to limit runoff turbidity and erosion. Berms and sumps to limit runoff and erosion from drill pads. Sumps constructed for drill mud recirculation may be lined with plastic sheeting to prevent excessive mud loss.

FGMI, its employees, and its contractors will comply with all applicable state and federal rules and regulations, and will conduct drilling operations in a safe and environmentally conscious manner.

Diamond Core Drilling

Diamond core drill rigs use drilling fluid consisting of water and non-toxic additives (i.e., bentonite, polymers). The water used for the drilling will be delivered in a water truck and the water sources will be from various areas as determined by field investigation for suitability and proximity to work sites. TWUAs being requested are located in Table 6 in priority order. The amount of water used in drilling varies, depending upon rock conditions, and it may range up to 28,000 gallons per drilling day, but typically averages closer to 14-16,000 gallons per drilling day.

Fluid media during the drilling process from the drillholes will be retained in a sump, which is a shallow surface excavation typically 5 feet deep, 8 ft wide, 10 feet long including berm. Sumps are typically paired to allow cuttings to settle in one and mud pumped from the other. Sumps are lined with plastic sheeting to limit mud loss if needed.

When the drillhole has been completed to its target depth, the drillhole will be plugged with bentonite and cement. Sumps are typically initially left open but bermed-off to let water evaporate and cuttings settle. If lined, an excavator is used to remove the plastic sheeting. Once reclamation commences, sumps are infilled and the drill pad is restored to original slope grade with mineral soils. This work is typically conducted with a dozer or in combination with a dozer and excavator. Previously segregated organic material and vegetation is spread over the site with a thumbed excavator to facilitate site stabilization and revegetation. Grass seed may be spread over the site if insufficient organic material is available for site stabilization.

Reverse-circulation Drilling

Reverse-circulation (RC) is a method of "rotary" drilling whereby the drilling fluid (either compressed air, fresh water or bentonite based drilling "mud") is circulated to the drill bit face from the surface and the drill cuttings, i.e.: samples of rock that are ground up by the drill bit cutting face, are removed from the drill hole by the drilling medium inside of the drill pipe. The water used for the drilling will be delivered in a water truck and the water sources will be from various areas as determined by field investigation for suitability and proximity to work sites. TWUAs being requested are located in Table 6 in priority order. The amount of water used in drilling varies, depending upon rock conditions, and it may range up to 28,000 gallons per drilling day, but typically averages closer to 14-16,000 gallons per drilling day.

Fluid media during the drilling process from the drillholes will be retained in a sump, which is a shallow surface excavation typically 5 feet deep, 8 ft wide, 10 feet long including berm. Sumps are typically lined with plastic sheeting to limit mud loss.

When the drillhole has been completed to its target depth, the drillhole will be plugged with bentonite and cement. Sumps are typically initially left open but bermed-off to let water evaporate and cuttings settle. If lined, an excavator is used to remove the plastic sheeting. Once reclamation commences, sumps are infilled and the drill pad is restored to original slope grade with mineral soils. This work is typically conducted with a dozer or in combination with a dozer and excavator. Previously segregated organic material and vegetation is spread over the site with a thumbed excavator to facilitate site stabilization and revegetation. Grass seed may be spread over the site if insufficient organic material is available for site stabilization.

Trenching

Trenching may be conducted using a thumbed excavator. Trenches, as designed, will involve 2,400 to 3,800 square-feet of surface disturbance per 100-foot leg, dependent on slope, soil conditions, and depth-to-bedrock. To ensure safe access, trenches are typically benched and constructed with a 1:1 or 1.5:1 slope for a 2:1 to 3:1 width-to-depth ratio. Depths are typically around 8 feet with a maximum of 20 feet. Figures 5 and 6 are cross-sections through typical trenches. Organic material is segregated from mineral soils. Organic material is placed outboard of mineral soil spoils on the downslope side of the trench. This arrangement limits erosion and runoff turbidity. Warning signs are posted at entrances to trenches to alert other land users of the potential hazard.

Reclamation of trenches is conducted in a similar manner to drill pads. The trench is backfilled with mineral soils with the use of a dozer and/or excavator. The trench is then regraded back to original topography. Previously segregated organics are spread over the site with a thumbed excavator to facilitate site stabilization and revegetation. Grass may be may spread over the site if insufficient organic material is available for site stabilization.

Test Pitting

Test pitting may be conducted using a thumbed excavator. Test pits are typically dug in lieu of trenching in order to determine whether a trench should be excavated. Test pits are typically dug to either refusal (bedrock) or maximum reach of the excavator (~17 feet). Spoils are examined and sampled by FGMI geologists. Spoils are separated during excavation into organic material/vegetation and mineral soils. For reclamation, the test pit is back filled with mineral soils, regraded to slope if necessary, and covered over by previously segregated organic material and vegetation. Warning signs are posted near open test pits to alert other land users of the potential hazard.

3.) Describe site preparation activities and pre-reclamation measures.

FGMI's exploration team is fully committed to performing concurrent reclamation during program execution where possible. Reclamation will be completed prior to project conclusion and demobilization each year. Reclamation is considered during all activities that require ground disturbance. Disturbances are minimized where possible and areas are stabilized to the extent possible, with consideration being made for probable future activities. Certain select sites may be left unreclaimed to facilitate future uses such as vehicle turnarounds, helicopter landing zones, or for use as temporary equipment, supply, and sample laydowns.

Vegetation and overburden will be segregated and stockpiled for reclamation. At minimum, all disturbed sites are backfilled and regraded to original topography with non-organic spoils created during site construction with a dozer and/or excavator. Previously segregated organic material and vegetation is spread over the site with a thumbed excavator to facilitate site stabilization and revegetation.

4.) Describe pad construction and dimensions.

A typical drill pad, as designed, will be approximately 10,000 square-feet in area or as little as 4,350 square feet, depending on specific drill rig requirements and site conditions. Figure 4 is a cross-section through a typical drill pad. Warning signs are posted at entrances to drill pads to alert other land users of the potential hazard.

Bulldozers and/or excavators will remove and stockpile vegetation and topsoil to the downslope side of the pad to act as a sediment catchment, the mineral soil to graded level and a sump is dug near the proposed drill collar. Berms are constructed near pad edges that have sufficient drop-off height to induce a vehicle roll-over.

5.) Describe drill core management, to include transportation of core, storage, and removal or disposal from the exploration project.

Drill core and RC samples will be transported from the drill site after initial field review to a processing facility in either Fairbanks or Tok in pickup trucks and trailers. It will be logged and sampled. Samples will be picked up by commercial geologic materials handling vendor for analysis. Any core retained will be stored at or near a core processing facility in plastic trays on pallets.

6.) Describe drill waste and drill water management, drill fluids and disposal methods. Attach msds/sds for all substances.

We propose to draw exploration drilling water from any of 5 potential sources listed in Table 6. Sites where water is drawn, pending TWUA, will be determined by field investigation for suitability (proximity to work sites, volume and flow of water available at the site, accessible without bank disturbance or activity below ordinary high water mark).

Water use activities will be conducted up to 24 hours per day (or as otherwise limited by the maximum authorized gallons per day (gpd)). All water withdrawal activities will be conducted January 1st through December 31st of each authorized year (2026-2031). Water withdrawals will be up to a maximum of 14,400 gpd at a maximum pump withdrawal of rate of 10 gpm (0.02 cfs) for up to 24 hours per day per source/pump for year-round exploration drilling activities for a combined maximum of 28,800 gpd.

No effect on fish and game is anticipated for this project. Exploration will use screened enclosures on water intakes as a precaution to prevent fish entrapment, entrainment, or injury. Enclosures will be inspected after and prior to each deployment and repaired if needed. No other in-water activities are needed. Equipment will not be operated underneath the ordinary high water mark. Exploration will not dam or divert waters or otherwise alter water sources to facilitate water withdrawal. Adequate flow and water levels will remain to support possible aquatic life and provide for efficient passage and movement of fish if any are present. If banks, shores, or beds are inadvertently disturbed, excavated, compacted, or filled, they will be immediately stabilized to prevent erosion and sedimentation of the water source. Any disturbed areas will be reclaimed. Water will not be discharged directly back to the water source.

Pumping operations will be conducted in such a way as to prevent any petroleum products or hazardous substances from contaminating surface or ground water. Pumps will be situated within a catchment basin designed to contain any spills. Pumps will not be serviced within 100 feet of a pond, lake, or stream. Pumps may be fueled within 100 feet of a water source, if authorized. Fuel will not be stored at water withdrawal sites. A spill kit, including absorbent pads, will be readily available at water withdrawal sites. All spills will be reported and cleaned up in accordance with ADEC regulations, State Law and Company Policy, and permit stipulations provided under this APMA and TWUA permit if granted.

Drill water sourced from the above proposed water uptake site will be mixed with either starch based (polymer) or clay based (bentonite) fluid viscosity increasing additives and pumped downhole. Returned fluid media during the drilling process from the drillholes will be channeled into and retained into a purpose built sump, which is a shallow surface excavation typically 5 feet deep, 8 ft wide, 10 feet long including berm. Sumps are typically paired to allow cuttings to settle in one and mud pumped from the other. Sumps are lined with plastic sheeting to limit mud loss if needed. Drill pads are constructed to have vegetation stockpiles at the downslope side to act as turbidity producing sediment catchments for any fluids draining off the pad.

7.) Describe fuel handling at exploration drill sites (pads and trenches) and off site (camp or base operations).

Bulk petroleum storage will not occur at work sites. Fuel for refueling equipment will be transported from offsite by contractor pickup truck mounted fuel tanks (up to 300 gallons). Lubricants (up to 30 gallons) will be transported from offsite by contractor pickup truck(s). No vehicles or equipment, with the exception of stationary equipment (i.e., drill rigs, light plants, pumps), will be fueled or serviced within 100 feet of surface water. Spill clean-up kits will be located at work sites. Fueling and service vehicles will be equipped with spill clean-up kits as well. These kits will typically contain absorbent pads effective for both water-based and petroleum-based fluids, absorbent socks/booms, granular absorbent, disposable bags, protective gloves, and goggles. Exact type of adsorbents and material quantities vary by application, but sufficient materials will be available at all work sites, fuel tanks, satellite containment facilities, and in fuel and service trucks to immediately contain and commence cleanup of spilled petroleum and water-based products.

8.) Discuss spill prevention and response plan.

Spill reporting will be in accordance with FGMI spill reporting procedures and Alaska State law. All petroleum fluid spills are cleaned up. Spills over 1 gallon are reported, typically within 24 hours and any spills over 55 gallons are immediately reported as soon as safe and practicable. Upon discovery and if safe, the leak is attempted to be arrested and spill kit deployed. Any glycol (antifreeze) type spill is immediately reported as safe and practicable. Upon discovery and if safe, the leak is attempted to be arrested and spill kit is deployed. The spill is reported to site supervisors, FGMI Security, and/or a member of the FGMI Environmental Department. After information is collected about the spill, it is further reported to the Alaska Department of Environmental Conservation. An internal report is created and stored by exploration and provided to the FGMI Environmental Department. Any further reporting required by regulatory agencies is conducted by the FGMI Environmental Department. The spill is then cleaned up, contaminated soil is collected and stored in buckets, plastic bags, or super sacks. Waste is then temporarily stored within containment.

9.) Describe water use including estimate of daily water use.

The amount of water used in drilling varies, depending on rock conditions a maximum of 26,000 gallons per day can be used.

10.) Describe how the operation will avoid and/or mitigate potential impacts to fish, wildlife and cultural resources: describe closure, plugging methodology, surface reclamation and abandonment.

All drillholes will be abandoned by backfilling completely with bentonite and cement, steel casing and anchors removed or cut to ground level, except where commissioned as piezometers or thermistors, in which case, a small diameter standpipe and/or steel surface casing will be above grade upon completion.

All trails will be constructed with crowns and water bars to minimize erosion. Vegetation and overburden will be segregated and stockpiled for reclamation. After drilling is complete and the drill pad is decommissioned, mineral soil is regraded to mimic the pre-construction geometry, topsoil is placed on top of mineral soil and vegetation is distributed on top of topsoil to foster natural revegetation. Adequate warnings will be posted near all open trenches to alert other land users of the potential hazard. Drill sites have signage directing personnel to the required PPE and that it is an active work site requiring a site orientation briefing prior to admittance. Drill site locations are checked against the National Wetlands Inventory prior to construction or undergo a wetland delineation. Exploration activities proceed under requirements of Nationwide Permit 6 as needed. Wildlife clearing and cultural clearing will be conducted by exploration personnel and/or third-party consultants.

All waste will be managed in accordance with federal, state, and local requirements.

Non-hazardous solid waste will be collected, transported offsite at least twice weekly, and disposed of properly at local municipal solid waste landfill (MSWL). Non-hazardous solid waste stored temporarily at the site of generation will be kept in plastic bags in covered bins. In particular, food waste will be stored within vehicles and removed daily from work sites to avoid attracting wildlife.

Petroleum based waste (used oil, grease, etc.), water & glycol (antifreeze), and other waste will be stored in its original container if possible and marked as "used" or "waste" to ensure proper temporary storage and identification. All products, new and used, will be stored within containment (e.g. duck pond) or within service vehicles. Waste petroleum, water & glycol (antifreeze) products may be stored temporarily in containment at a satellite waste collection facility (laydowns) for up to 30 days. The waste generator is responsible for final disposal. Contractors conducting work on-behalf of FGMI will be required to dispose of waste at facilities or transfer waste to waste disposal service providers approved by the FGMI Environmental Department (e.g. Republic Services/US Ecology Alaska). All generated materials will be identified, packaged for transportation and disposal in accordance with 49 CFR and 40 CFR guidelines with consultation from the FGMI Environmental Department and/or qualified Republic Services/US Ecology Alaska personnel.

A sanitary facility (port-a-toilet) will be provided to the workforce at the project site. The port-a-toilet is provided, serviced, and maintained by a local vendor.

NOTICE OF OPERATOR AUTHORIZATION -- MINERAL LOCATIONS

All operators or lease holders submitting APMAs for operations on 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 mineral properties by their designation (e.g.; ADL, AKFF, USMS, MTRS) and the time frame (beginning and ending dates) for which the authorization remains in effect. The Division of Mining, Land & Water will only issue a mining authorization for private land, per 11 AAC 97.310.(7), after notarized receipt of this Notice. **Please include it with your APMA.**

OPERATOR AUTHORIZATION

APMA# _____

I, <u>Tower Exploration, LLC</u> , OWNER of mineral property(s): List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). See attached _____ _____ _____ (Attach additional sheet if necessary) Have authorized <u>Fairbanks Gold Mining Inc</u> Address of Operator <u>PO Box 73726, Fairbanks, AK 99707-3726</u> to operate on these claims from <u>05 / 01 / 2026</u> to <u>12 / 31 / 2027</u> Owner's Signature <u>David W. G. [Signature]</u> Date <u>5/5/26</u>	Check Type of Mineral Property(s) <input checked="" type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
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NOTARY
 Subscribed and sworn to before me this 5 day of May, 2026
 For (owner)
 (Signature of Notary) M. Keane
 My commission expires: 03/17/2029

M. KEANE
 Notary Public
 State of Alaska
 My Commission Expires Mar 17, 2029

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

I, _____, LESSEE of mineral property(s): List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). _____ _____ (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 _____	Check Type of Mineral Property(s) <input type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
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NOTARY:
 Subscribed and sworn to before me this ____ day of _____, 20 ____
 For (Lessee)
 (Signature of Notary) _____
 My commission expires: