

STATE OF ALASKA

2024

Application for Permits to Mine in Alaska (APMA)

☐ Single Year ☒ Multi-year Start: 2024 Finish: 2028 APMA Number (A/F/J, Year, ****) partial 9831

What type activity are you planning to perform? <small>*REQUIRED</small> (1) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <input type="checkbox"/> Suction Dredging/Reclamation <input type="checkbox"/> Placer Mining/ Reclamation <input checked="" type="checkbox"/> Hardrock Exploration/ Reclamation </div> <div style="width: 45%;"> <input type="checkbox"/> Reclamation Only <input type="checkbox"/> Access </div> </div>		Surface estate of mineral properties: <small>*REQUIRED</small> (2) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> Federal </div> <div style="width: 45%;"> <input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Private <input type="checkbox"/> City or Borough </div> </div>			
Check All That Apply: <input checked="" type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <small>*Required</small> (3) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Name: <u>Western Alaska Copper and Gold</u> Address: <u>PO BOX 881 Talkeetna AK 99676</u> <u>Talkeetna AK 99676</u> </div> <div style="width: 45%;"> Primary Phone Number: <u>520-237-1475</u> Secondary Phone Number: <u>520-200-1667</u> Email: <u>kit@westernalaskaminerals.com</u> </div> </div> <p>Click here for the Department of Commerce Link</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">Alaska Business/Corporation Entity# <u>129142</u></div> <div style="width: 45%;">Registered Agent (Corp./LLC/LP) <u>JOAN TRAVOSTINO</u></div> </div>					
Check All That Apply: <input checked="" type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <small>*Required</small> (4) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Name: <u>Piek Exploration</u> Address: <u>7853 Red Fox Drive</u> <u>Evergreen, CO 80439</u> </div> <div style="width: 45%;"> Primary Phone Number: <u>303-886-0696</u> Secondary Phone Number: _____ Email: <u>joe@westernalaskaminerals.com</u> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">Alaska Business/Corporation Entity# <u>10086107</u></div> <div style="width: 45%;">Registered Agent (Corp./LLC/LP) _____</div> </div>					
Check All That Apply: <input type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <small>*Required</small> (5) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Name: _____ Address: _____ </div> <div style="width: 45%;"> Primary Phone Number: _____ Secondary Phone Number: _____ Email: _____ </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">Alaska Business/Corporation Entity# _____</div> <div style="width: 45%;">Registered Agent (Corp./LLC/LP) _____</div> </div>					
Check All That Apply: <input type="checkbox"/> Mineral Property Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <small>*Required</small> (6) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Name: _____ Address: _____ </div> <div style="width: 45%;"> Primary Phone Number: _____ Secondary Phone Number: _____ Email: _____ </div> </div> <p>Attach a separate sheet for additional contacts</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">Alaska Business/Corporation Entity# _____</div> <div style="width: 45%;">Registered Agent (Corp./LLC/LP) _____</div> </div>					
Project Name If Applicable: (7) <u>Illinois Creek</u>		Average Number of Workers: <small>*REQUIRED</small> (8) <u>24</u>		Start-Up/Shut Down: (Month/Day) (9) <u>05/01</u> to <u>10/15</u>	
Mining District: <small>*REQUIRED</small> (10) <u>Kaiyuh District</u>		Applicable USGS Map(s): <small>*REQUIRED</small> (11) <u>Nulato A-4 and A-5, Ophir D-4 and D-5</u>		On What Stream Is This Activity? (12) <u>Illinois Creek, Little Mud River</u>	
Legal Description of mineral properties to be worked (MTRS) <small>*REQUIRED</small> (13) <small>Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21</small> <u>Kateel R. Meridian, T.16S., R.4E., Sec. 13, 14, 23, 24, 25, and 36, and T.16S., R.5E., Sec. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36, and T.16S., R.6E., Sec. 7, 18, 19, 30, and 31, T.17S., R.4E., Sec. 1, 11, 12, 13, 14, 23, 24, 25, 26, 35, and 36, and T.17S., R.5E., Sec. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35.</u>				Internal Use Only:	
Internal Use Only: Date Application Received Complete: _____ Adjudicator: _____ LAS Entry: _____ Sec 3 CID: _____ Sec 4 CID: _____ Sec 5 CID: _____ Sec 6 CID: _____					

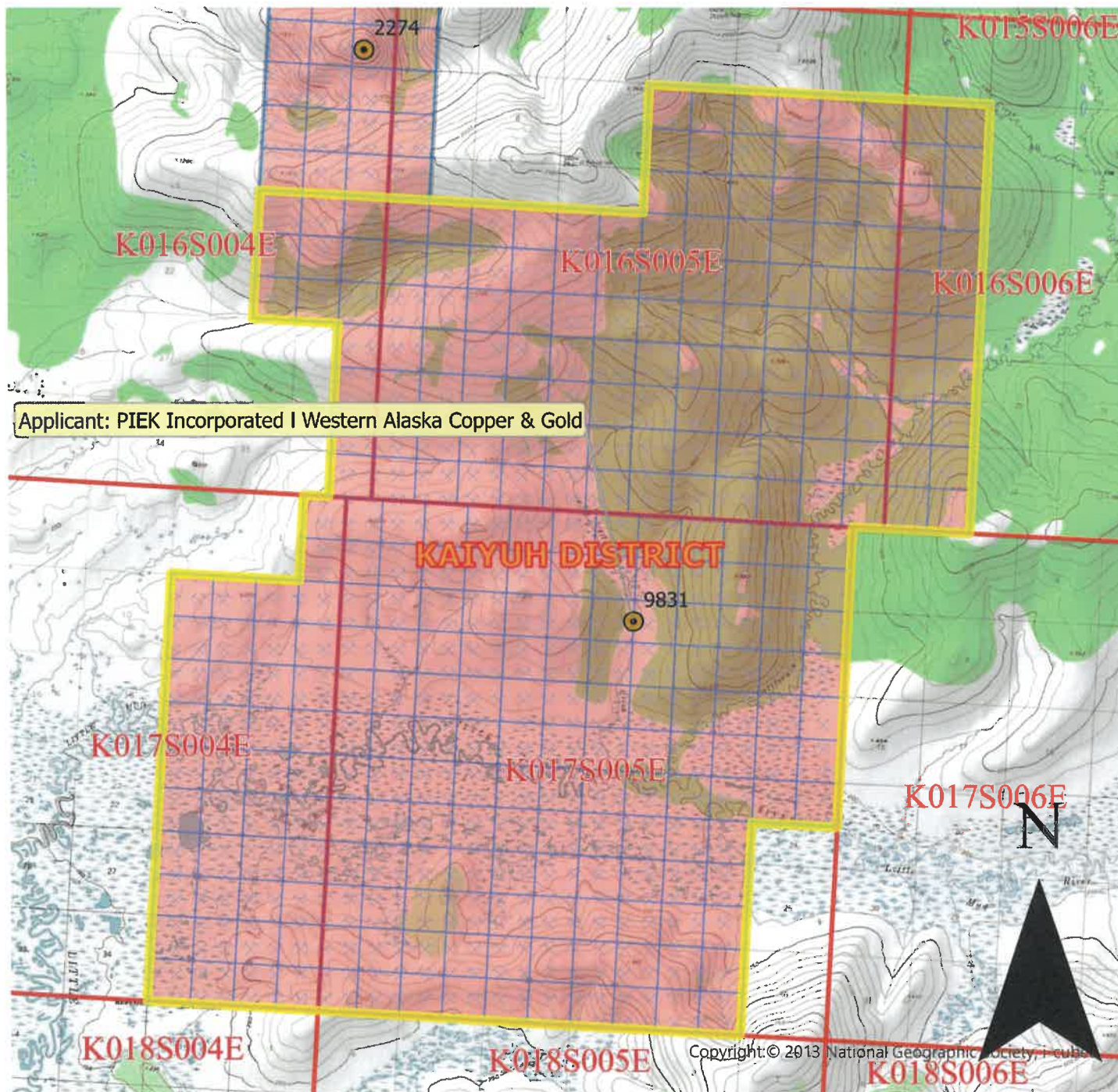
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Hardrock Exploration

 **State Mining Claim**

0 1.25 2.5 Miles

Center: 157°53'35"W 64°2'40"N



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ADL 800673	Western Alaska Copper & Gold C O.	Mining Claim (MC)	Active (35)	ICP310	29-Jul-22	3/2/2024 3:00
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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		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.	Excavator	1	<input checked="" type="checkbox"/>	
2.	Multipower drill rigs 2 B-20, 1 Discovery HD	3	<input checked="" type="checkbox"/>	
3.	Pickup trucks	4	<input checked="" type="checkbox"/>	
4.	D-6 and JD-450 or equivalents dozers, staged on mining lease	2	<input checked="" type="checkbox"/>	
5.	Polaris Rangers and Kubota Side by sides	4	<input checked="" type="checkbox"/>	
6.	Caterpillar Grader	1	<input checked="" type="checkbox"/>	
7.	Caterpillar Loader	1	<input checked="" type="checkbox"/>	
8.	Bobcat forklift	1	<input checked="" type="checkbox"/>	

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: _____

☐ 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 ☒

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:

No planned construction activities to access claim block.

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 ½" x 11". Do not tape maps together.

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

n/a

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

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 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 Water Source: _____

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:

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.)

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.

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:

Spill kits are stored at all fuel storage sites and within vehicles used for refueling. Absorbents are used during routine refueling and duck ponds are placed under fuel hose connections and other possible drip sources.

Quantitiy 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.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
- ☒ 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: 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: Waste oil is stored 55 gallon drums w/ in lined 2nd containment with approximately 150 gallons generated/stored during the field season.

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

TEMPORARY STRUCTURES/FACILITIES

(18)

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 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): 7728195 and 728197

☐ Year-Round ☒ Seasonal, from Approx. May 1 to Sept 30 , 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		10	Kitchen, dining room, and sleepers	varies		
Tent		16	Sleepers, core logging, rec tent	varies		
Trailer						
Platforms		16	For the above tents	varies		
Out-Buildings		6	Generator shed, C-vans for storage	varies		
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):

In-place septic system, is pumped out at end of season and placed in our permitted landfill under SWGPCAMP-28.

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. Inert waste including ash from the incinerator (which burns garbage, food scraps, packing material and other combustibles), scrap metal, and empty plastic container are disposed of in our permitted landfill under SWGPCAMP-28.

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: 2500 feet

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.

Camp facilities will be left in place for the duration of the 5 year MLUP period. All non-permanent structures and appurtenances will be removed at a point in time when WAM or its successor permanently ceases exploration activities.

MINING METHOD

(19)

☐ 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. ³ /Hr.:		Yds. ³ /Hr.:		Yds. ³ /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

PLACER EXPLORATION DRILLING AND TEST PITS

(20)

Please provide topographic maps showing drilling and/or test pit locations that corresponds with the table below. Maps should (at minimum) have labeled Mineral Properties and labeled locations of proposed activities. Methodology and reclamation of exploration activities must be described in the placer narrative.

Test Pits: ☐ Yes ☐ No

Estimated number of pits to be excavated: _____ How long will the test pit be open if not converted into an active mine cut? _____

Average Size: Length: _____ Ft. Width: _____ Ft. Depth: _____ Ft.

Placer Drilling: ☐ Yes ☐ No

Total number of holes to be drilled: _____ Type of drill(s) used: _____

Drilling and Test Pit Identification and Mineral Property Information

Trench/Hole ID on Map	ADL/BLM/USMS NUMBER

If more than 8 Pits/drill sites, please provide data in tabular format

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:

The following water intake points are renewals of same in TWUA F2019-111 Amendment. These are for water pumps for drill water.

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.	See List and Map				<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.					<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:
- What are the months of water use needed (for example May 1st through October 31st)? April 1 through November 15

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.			
Example: Unnamed Creek	F	3N	3W	20	Start-Up	<input checked="" type="checkbox"/>	Make-Up	<input checked="" type="checkbox"/>
1. See attached List and Map					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
					Latitude: Longitude:			
2.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
					Latitude: Longitude:			
3.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
					Latitude: Longitude:			
4.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
					Latitude: Longitude:			
5.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
					Latitude: Longitude:			

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 (Same as sources Above). Describe the water use information for each source. For recycle/settling pond system complete Section C.	Diversion (gpm/cfs)	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month
1. See attached List and Map					
2.					
3.					
4.					
5.					

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.	30	25	1	4	30	Existing well,
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	15	2	20	30	streams - see list and map

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 area of timber to be cleared.
 Trees will be selectively felled from a single 4 acre area located 1500 feet south of camp.

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.

15 to 20 trees per year will be felled using a chainsaw and dragged back to the portable sawmill located at camp by a dozer only when there is sufficient snow cover on the ground.

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 #: _____

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: _____

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.

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

(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: _____

☐ 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) Floodplain Width _____(ft)

Dimensions of proposed diversion:

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

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

PLAN MAP OF OPERATION *REQUIRED

(29)

See attached Map

VICINITY MAP

APMA #

ADLs:

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

CROSS SECTION SKETCH *REQUIRED

BEFORE ACTIVITY

(30)

DURING ACTIVITY

AFTER ACTIVITY

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:

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

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

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

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

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

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: 21 How long will trenches be open? 2 to 3 weeks

Average Size: Length: 100 Ft. Width: 6 Ft. Depth: 8 Ft.

Drilling: ☒ Yes ☐ No

Type of Drill(s) Used: Multi-Power B-20 & HD drill rigs (or similar)

Total Number of Holes 314

Diameter of Drill Rod/Casing Rod NQ, HQ, and PQ (NQ/HQ/H,Etc.)

Drilled: Estimated Maximum Depth: 2,500 ft Indicate how many pumps per water source: 1-2

Will water be used? ☒ Yes ☐ No

Water source name(s): See water source list attached

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 attached trench and	see attached claim list		
drill maps and lists			

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.

- 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.

2023 ANNUAL RECLAMATION STATEMENT

(34)

- ☐ Placer Mining
☐ Suction Dredging
☐ Hardrock Exploration

APMA # _____

Complete and return this statement by December 31, 2023. If you did not operate, fill in your name, check the bottom box, sign, and return form.

In accordance with AS 27.19 (Reclamation Act):

I, _____ hereby file an annual reclamation statement for the 2023 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 2023: _____ cubic yards (Includes strippings and processed material.)

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

Total acreage disturbed in 2023: 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 2023: _____ acres. *You must include photographs or videotapes of the completed reclamation work.*

All un-reclaimed acres for the operation : _____ (This should match "total acreage currently disturbed" on the 2024 Reclamation Plan Form and 2024 Bond Pool Renewal Form if applicable.)

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

- ☐ 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 2023 and therefore did not conduct reclamation.

Relationship to Claim(s)

☐ Owner ☐ Lessee ☐ Operator

☐ Agent For: _____

Signed _____ Date _____

2024 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)

<input 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 (35) (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: _____ acres. This should match: "Total Unreclaimed Acres" on your 2023 Annual Reclamation Statement for Small Mines, or line #7 on your 2024 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 2024 _____ acres. Total acreage (currently disturbed plus new acres): _____ acres.

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

Total acreage to be reclaimed in 2024: _____ acres; Total volume of material to be disturbed in 2024: _____ 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 as to why these measures are not necessary at your site.)

- 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.
- Settling ponds located within the active flood plain and necessary for continued use during the next mining season will be protected from erosion or the fines removed.
- If the mining operation diverts a stream channel or modifies a flood plain to the extent that the stream channel is no longer stable, the stream channel will be reestablished in a stable location in the valley flood plain.
- The flood plain will be established as appropriate to accommodate seasonal high-water flood events and prevent undue erosional degradation.
- 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.
- 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.
- At placer drift mine closure, all mine 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 alternate 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 greater than or equal to 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.

_____ Printed name (Applicant)	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: _____ APMA #: _____
_____ Signature (Applicant)		

2024 RECLAMATION PLAN FORM (SUCTION DREDGE EXPLORATION)

<input 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 (36) (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: _____ acres. This should match: "Total Unreclaimed Acres" on your 2023 Annual Reclamation Statement for Small Mines, or line #7 on your 2024 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 2024 _____ acres. Total acreage (currently disturbed plus new acres): _____ acres.

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

Total acreage to be reclaimed in 2024 _____ acres; Total volume of material to be disturbed in 2024: _____ 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.)

Stream Suction Dredge Operations:

- Reclamation will be completed prior to the end of the mining season. Reclamation will consist of leveling or contouring all gravel bar and stream bed tailings. Tailings will be left in such a manner that spring run-off will level the tailings without causing undue erosion.
- In no case will tailing piles extend more than 18 inches above the water surface at the end of the mining season.
- Prior to the end of the mining season, tailing piles, berms, or wing dams will be removed or left in such a manner to allow unrestricted passage of fish and flood waters.
- Other: _____

Offshore Suction Dredge Operations:

- Tailings discharged from the dredge to the lake, channel, sound, bay or sea floor will be placed in a manner that will approximate the adjacent floor surface. The dredge shall be moved as necessary to allow for the proper low-profile distribution of tailings.
- Tailings will be placed in a manner that will maintain a water depth suitable for safe passage of traffic.
- Other: _____

Generally:

- On all 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 alternate 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.

_____ Printed name (Applicant)	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: _____ APMA #: _____
_____ Signature (Applicant)		

2024 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 (37) (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: _____ acres. This should match: "Total Unreclaimed Acres" on your 2023 Annual Reclamation Statement for Small Mines, or line #7 on your 2024 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 2024 _____ acres. Total acreage (currently disturbed plus new acres): _____ acres.

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

Total acreage to be reclaimed in 2024 _____ acres; Total volume of material to be disturbed in 2024: _____ 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.

Printed name (Applicant) _____ Signature (Applicant) _____	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: _____ APMA #: _____
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**STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES
STATE WIDE BOND POOL RENEWAL FORM
FOR 2024 OPERATIONS**

APMA # _____

Name _____

Mailing Address _____ City _____ State _____ Zip _____

Submits to the State of Alaska, Department of Natural Resources, a renewal of reclamation bonding in accordance with AS 27.19 for mining activity on claim's: _____

located in T. _____, R. _____, Sections _____, _____ M.

The amount of the refund or amount owed was calculated as follows:

1. Number of acres bonded in 2023: _____ acres
2. Total number of acres disturbed in 2023? _____ acres

This includes unreclaimed acreage from previous years, October 1991 to present, for state or private lands, and 1981 to present for federal claims. On federal claims include area of camp and access roads.

Bonding credits carried forward from 2023 to 2024:

If you claim any acres in 3 or 4 complete the Bond Pool release form.

3. Number of acres bonded in 2023 but not disturbed:
(1 minus 2 above) _____ acres x \$ 112.50 = \$ _____

4. Number of acres reclaimed in 2023 and approved by BLM/
DNR. _____ acres x \$ 112.50 = \$ _____

*Federal miners must submit a **Financial Guarantee Amount Reduction Letter** from BLM. All miners requesting a reduction of acreage must fill out the application for **Bond Release Form**, and include evidence of their reclamation with Photo/Video documentation unless otherwise specified by DNR.*

5. Dollar total of lines 3 + 4: \$ _____

Bonding obligations for 2024:

6. Number of acres disturbed but not bonded in 2023: _____ acres x \$ 150.00 = \$ _____

7. Total number of all unreclaimed acres: _____ acres x \$ 37.50 = \$ _____

(line 7 should match "total acreage currently disturbed" on your 2023 Reclamation Plan. (2 minus 4 above)

8. New acres to be disturbed in 2024: _____ acres x \$ 150.00 = \$ _____

9. Dollar total of lines 6 + 7 + 8: \$ _____

10. Total acreage bonded in 2024 (7 + 8): _____ acres

If line 5 is larger than line 9 enter the difference here \$ _____. This amount will be refunded.

If line 9 is larger than line 5, the difference is due DNR \$ _____. Make check payable to: DEPARTMENT OF NATURAL RESOURCES.

Signed – Miner _____

Date _____

ADNR - Division of Mining, Land & Water _____

Date _____

BLM - Bureau of Land Management _____

Date _____

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

APMA # _____

Name _____

Mailing Address _____

City _____

State _____

Zip Code _____

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

\$ _____ 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 _____

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

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 _____ 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): _____ acres X \$112.50 = \$ _____

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

Total \$ _____

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.

Signed - Miner _____

Date _____

ADNR - Division of Mining, Land & Water _____

Date _____

BLM - Bureau of Land Management _____

Date _____

**APPLICATION FOR RELEASE OF RECLAMATION BOND
OR
REFUND OF BOND POOL DEPOSIT**

APMA NUMBER: _____

Name of Applicant: _____

This form may be used to request release of a reclamation bond or a refund of the refundable portion of the bond pool deposit. **If the bond is for operations on federal claims, reclamation approval is required by the federal land manager before DNR will make the bond deposit refund.** If DNR has not inspected reclamation on the mineral property(s), photographs of the completed reclamation work may be required before the bond is released.

List the mineral property(s) that are subject to a release of a reclamation bond reduction, or refund of the refundable portion of the bond pool deposit. Please provide the casefile type (e.g.; ADL/AKFF/USMS) and number, or if Native Land, provide the legal description (MTRS). _____

Check all that apply: ☐ Reclamation Completed ☐ No Acreage Disturbance ☐ Successor of Interest
Note: _____

In accordance with the above referenced Annual Placer Mining Application (APMA) and approved reclamation plan, the number of acres bonded was _____. I request a release of the bonding obligation and a refund of the refundable bond pool deposit for _____ acres that have been reclaimed, were never disturbed, or a successor of interest has assumed all liability. I understand bond monies are refundable only to those individuals or businesses originally submitting such, unless proper documentation is enclosed indicating refunds should be issued otherwise.

I hereby swear or affirm, under oath, that I have examined Alaska Statute 27.19 (Reclamation Act), 11 AAC 97 (Reclamation Regulations) and my approved reclamation plan and believe myself to have completed the reclamation to the required standards and in accordance with my approved reclamation plan. Photographs of the completed reclamation work are attached: ☐ Yes ☐ No

I understand if the commissioner determines reclamation was not done in accordance with the approved plan of operations and this sworn statement, I remain liable under AS 27.19 to complete the reclamation.

I certify under penalty of perjury the foregoing is true and accurate.

(Signature of Applicant) _____ (Date) _____

NOTARY:

Subscribed and sworn before me this

This _____ day of _____, 20 _____

Signature of Notary: _____

My Commission Expires: _____

NOTICE OF OPERATOR AUTHORIZATION – MINERAL LOCATIONS

All operators or lease holders submitting APMA's 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, _____, OWNER 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 _____ Address of Operator _____ to operate on these claims from ____ / ____ / ____ to ____ / ____ / ____ Owner's Signature _____ Date _____	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)
--	--

NOTARY

Subscribed and sworn to before me this ____ day of _____, 20 ____.

For (owner)

(Signature of Notary) _____

My commission expires: _____

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 ____ / ____ / ____ to ____ / ____ / ____ 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)
---	--

NOTARY:

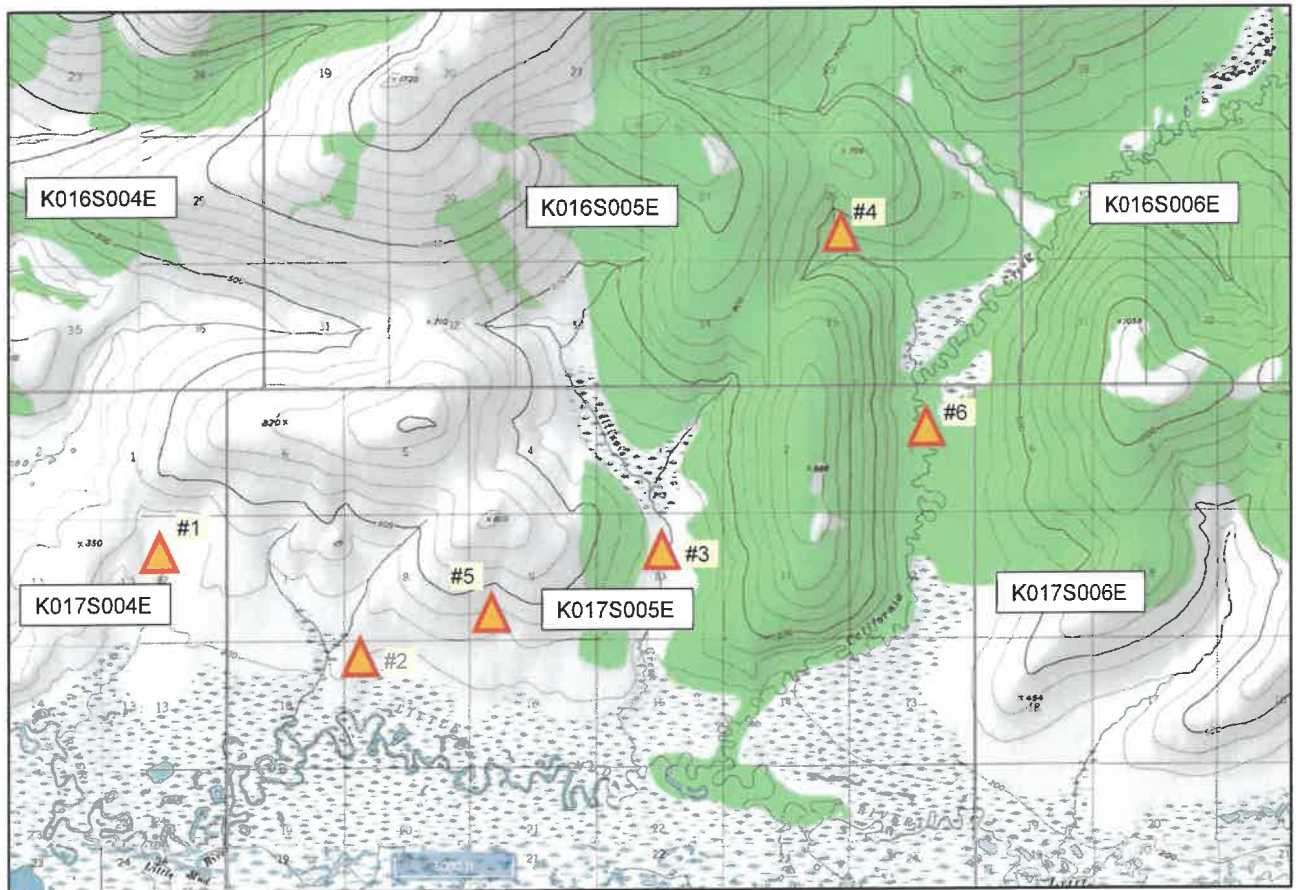
Subscribed and sworn to before me this ____ day of _____, 20 ____.

For (Lessee)

(Signature of Notary) _____

My commission expires: _____

Water Withdrawal Map (APMA boxes 23 and 24). See attached Table for legal descriptions.



Box 23 and 24 Information, In-Stream Activities, Water Sources, Water Uses										
Withdrawal Source	Map Identifier	MTRS	QQ	StartUp/ Makeup?	Activity	Equipment	# of Pumps	Withdraw Rate	Hours per Day	Hours per Month
tributary, Little Mud R.	#1	K017S004E12	sw/ne	N	Water Intake	Water Pump Intake Hose/Screen	1	20 gpm	20	600
Slough, Little Mud R.	#2	K017S005E17	sw/nw	N	Water Intake	Water Pump Intake Hose/Screen	1	20 gpm	20	600
Illinois Creek	#3	K017S005E10	nw/ne	N	Water Intake	Water Pump Intake Hose/Screen	1	20 gpm	20	600
tributary, California Crk	#4	K016S005E26	sw/se	N	Water Intake	Water Pump Intake Hose/Screen	2	20 gpm	20	600
Spring	#5	K017S005E09	sw/sw	N	Water Intake	Water Pump Intake Hose/Screen	1	20 gpm	20	600
California Creek	#6	K017S005E01	sw/ne	N	Water Intake	Water Pump Intake Hose/Screen	1	20 gpm	20	600

Exploration Narrative
To accompany
2024 APMA Application
Illinois Creek Mining Claims

This APMA application is essentially a renewal of APMA 9831 with the exception that 70 mining claims, originally included in APMA 9831, are now being converted to an Upland Mining Lease. So, this narrative and APMA application apply to 241 mining claims that surround the (pending) Upland Mining Lease ADL#422236.

This narrative briefly describes the work that is planned within the 241 non-lease Illinois Creek state claims. A separate Plan of Operations (PoO) will be submitted to ADNR Mining for activities on the (pending) Upland Mining Lease.

See Figure 1 for a map of the mining claims included in this APMA application. See Table 1 for a list of mining claims included in this APMA application and a column indicating whether work is planned for the 2024 exploration season.

During the proposed 5-year term of this APMA/MLUP Western Alaska Copper and Gold (WACG) plans to complete a range of activities from surface geochemical sampling, geophysics, trenching, and drilling in three general target areas. The target areas include the northeast portion of the claim block (Northeast Target Area), a broad area north and west of the historic Illinois Creek Mine pit (North Target Area), and the southern portion of the claim block (South Target Area) as illustrated in Figure 1. These areas have the potential to host important extensions to mineralization already identified on the adjacent (pending) Upland Mining Lease.

Specific exploration plans for all of these Target Areas are developed in an iterative process and currently lack any degree of detail. They are largely dependent on funding and the results of exploration on the (pending) Upland Mining Lease, and WACG will submit a brief annual pre-season exploration plan to provide details about the program slated for that year. For the 2024 exploration season we show work on certain claims in Table 1. That work will consist of up to 3,600 feet of core drilling, up to 500 feet of trenching, ground geophysics, as well as surface geologic mapping and sampling. Individual Mining Claims are illustrated in Figure 2.

Drill water could be withdrawn from up to six locations and camp water will be obtained from an existing well as depicted in Figure 3. Five of these locations were previously authorized under TWUA F2019-111 that expired December 31, 2023. For convenience we are applying for all six water sources as part of this APMA application even though the water sources are on the pending Upland Mining Lease lands, but water use is on both lease lands and mining claims. WACG is also applying for water rights to the camp well separate from this APMA application.

Access to the mining claims will be via existing dirt roads that originate on the (pending) Upland Mining Lease, where the Illinois Creek exploration camp and airstrip are also located as illustrated in Figure 1. That existing infrastructure (roads, camp, and airstrip) will continue to provide logistical base for the majority of work on the mining claims. Access to the South Target Area will be by helicopter or foot. Drill core is transported back to camp from the drill site by truck or helicopter.

Drill operations typically involve a tracked drill capable of moving through light brush without the need for road building. Pad building is also not required when using the track drill. Holes are plugged in accordance with ADNR hole plugging requirements. 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. 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. Trenches will be backfilled as soon as practical (within two weeks) after geologic mapping and sampling have been completed. All trenches will be closed by the end of the field season. Drill water is passed through hand dug sumps to allow settling and then overflow flows onto uplands where it soaks into the soil.

Best management practices are applied to reduce impacts on wildlife that might result from our exploration activities. Drill sites are kept clear of bear attractants, bird nests are avoided when they are identified, stream crossings kept to a minimum, ADF&G pipe and screen size requirements for water pumps are respected. One or both ends of each trench will be ramped to allow egress for any animal that may enter the trench.

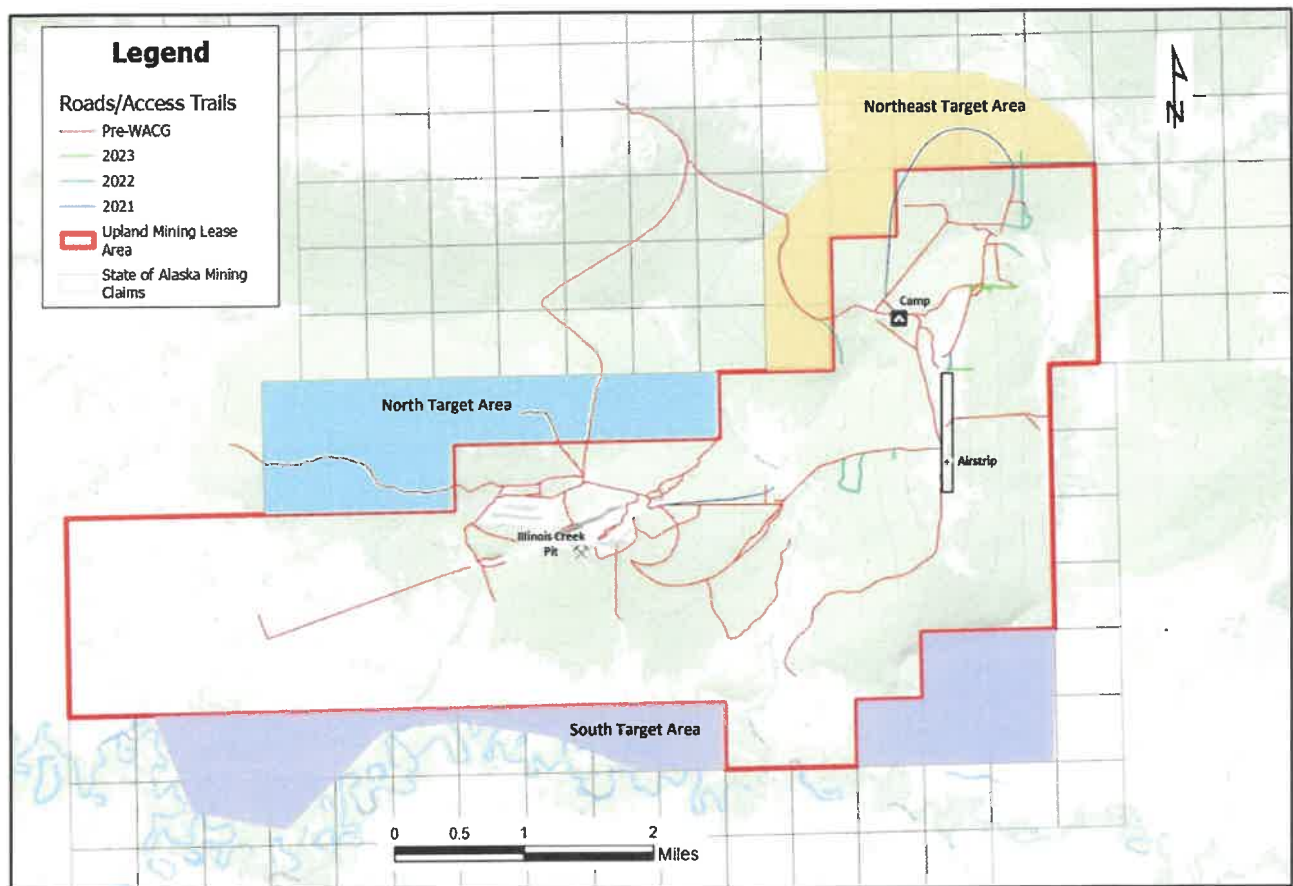


Figure 1. Exploration Target Areas and Access Trails

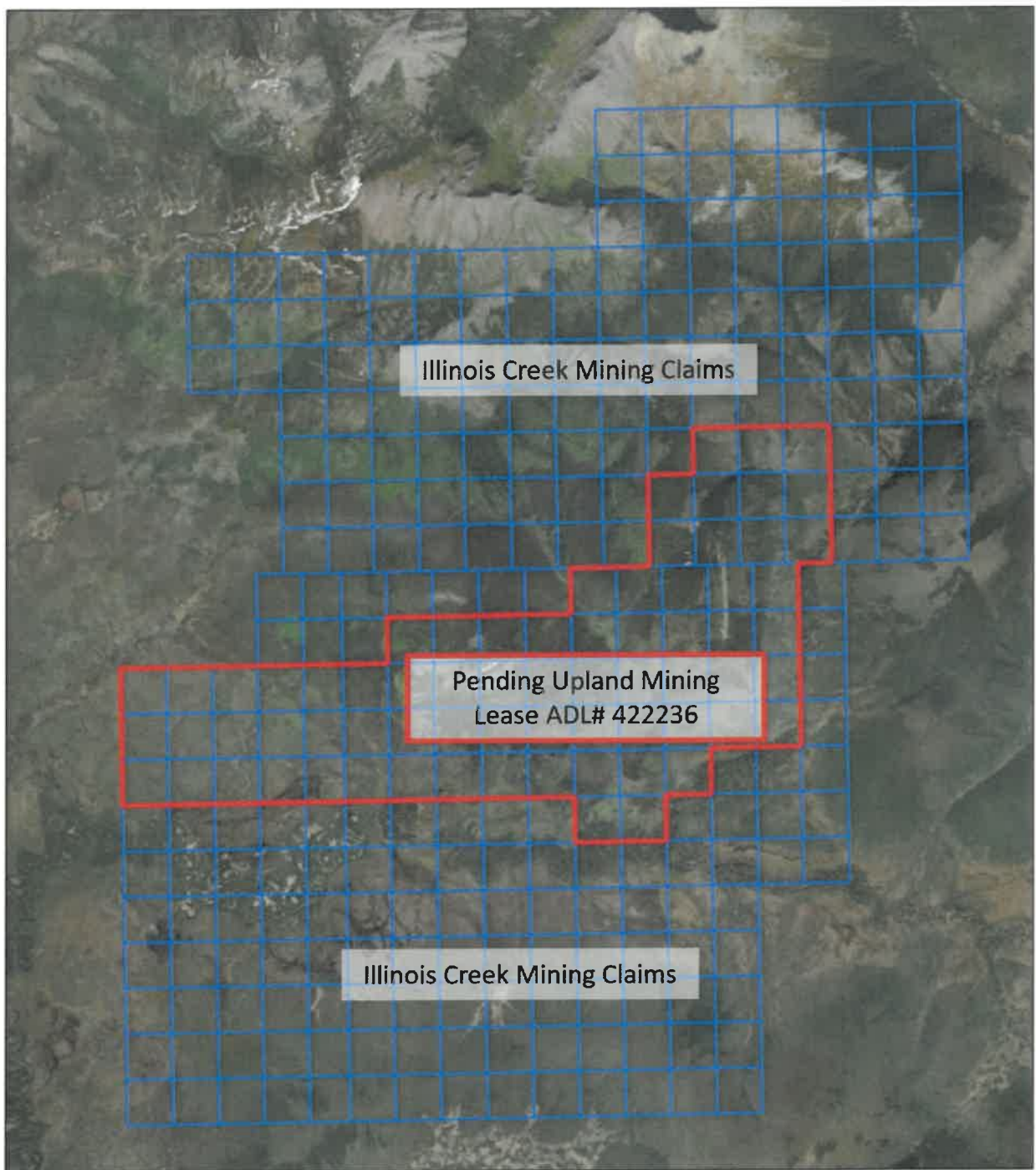


Figure 2. Illinois Creek Mining claims and pending lease area.

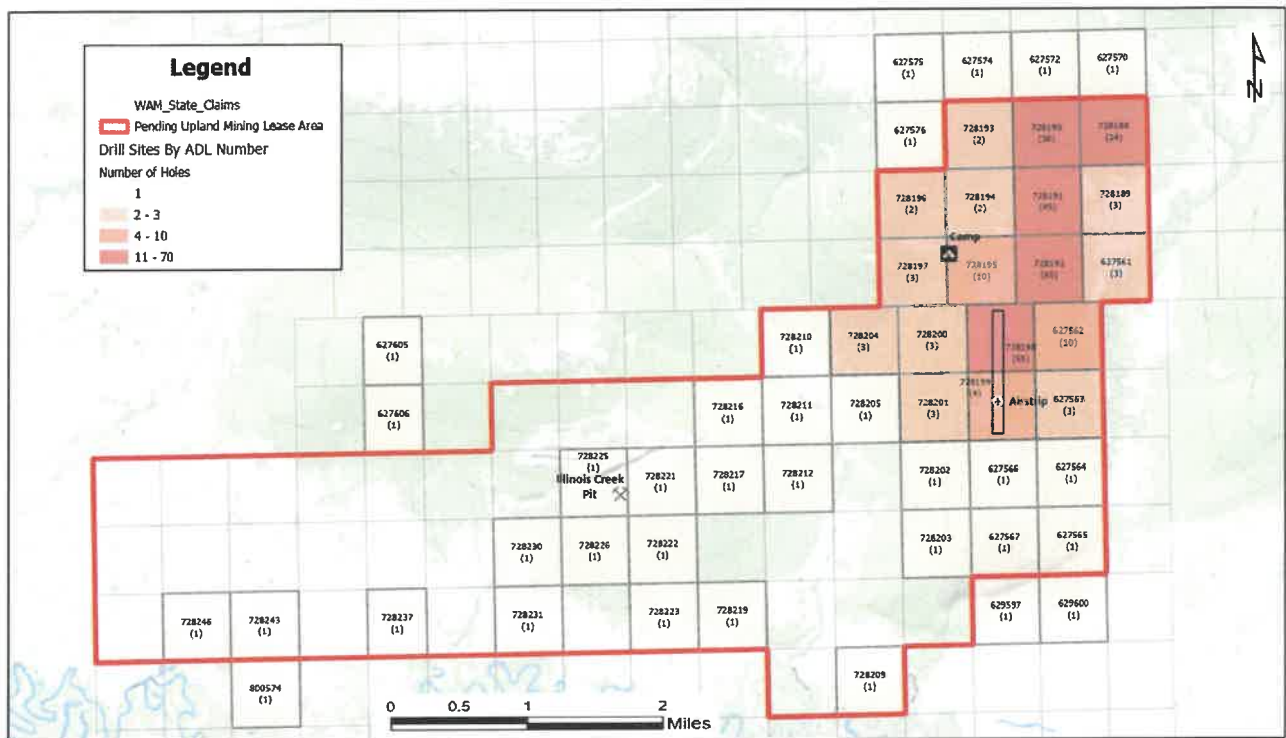


Figure 3. Proposed drill locations by ADL for both mining claims and the pending lease area.

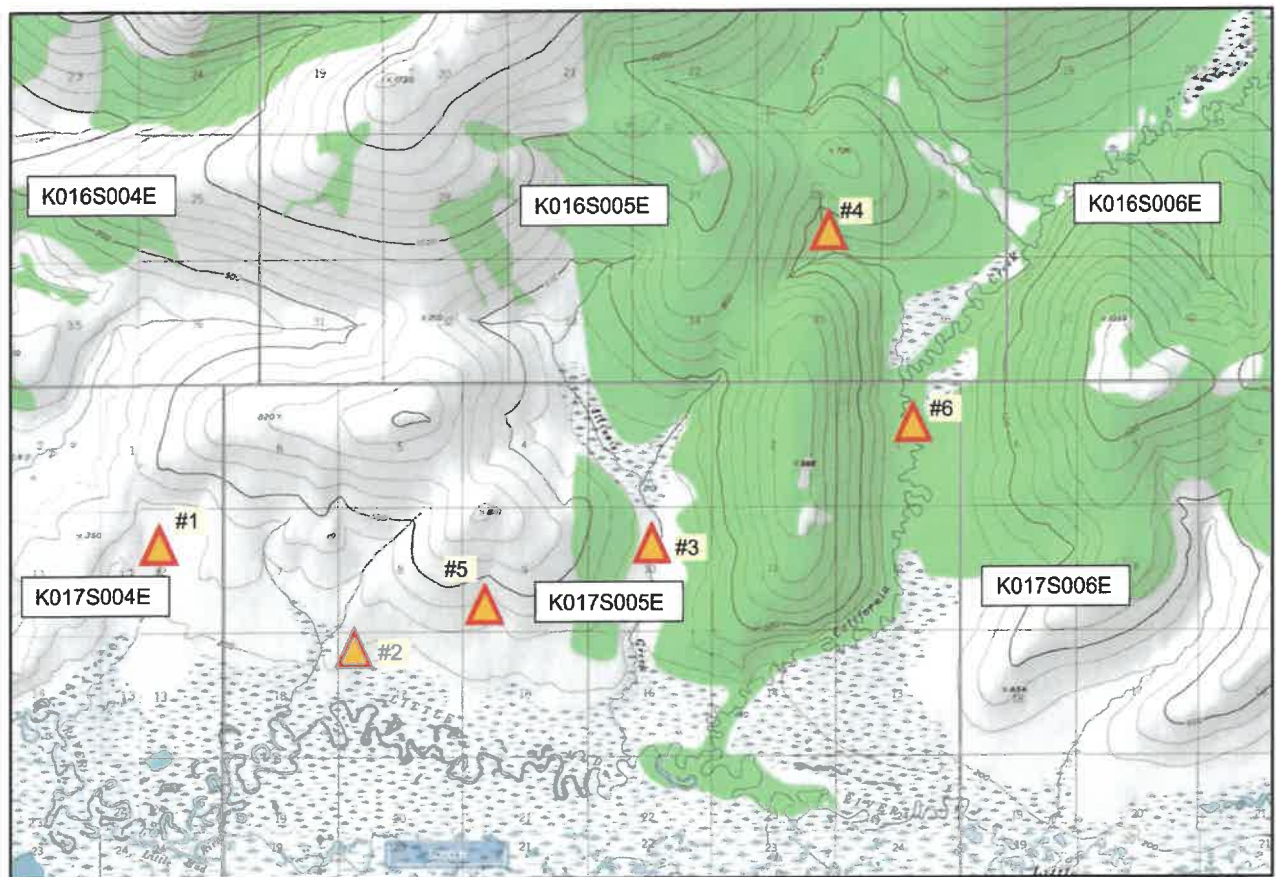


Figure 4. Water Withdrawal Points for Exploration Water

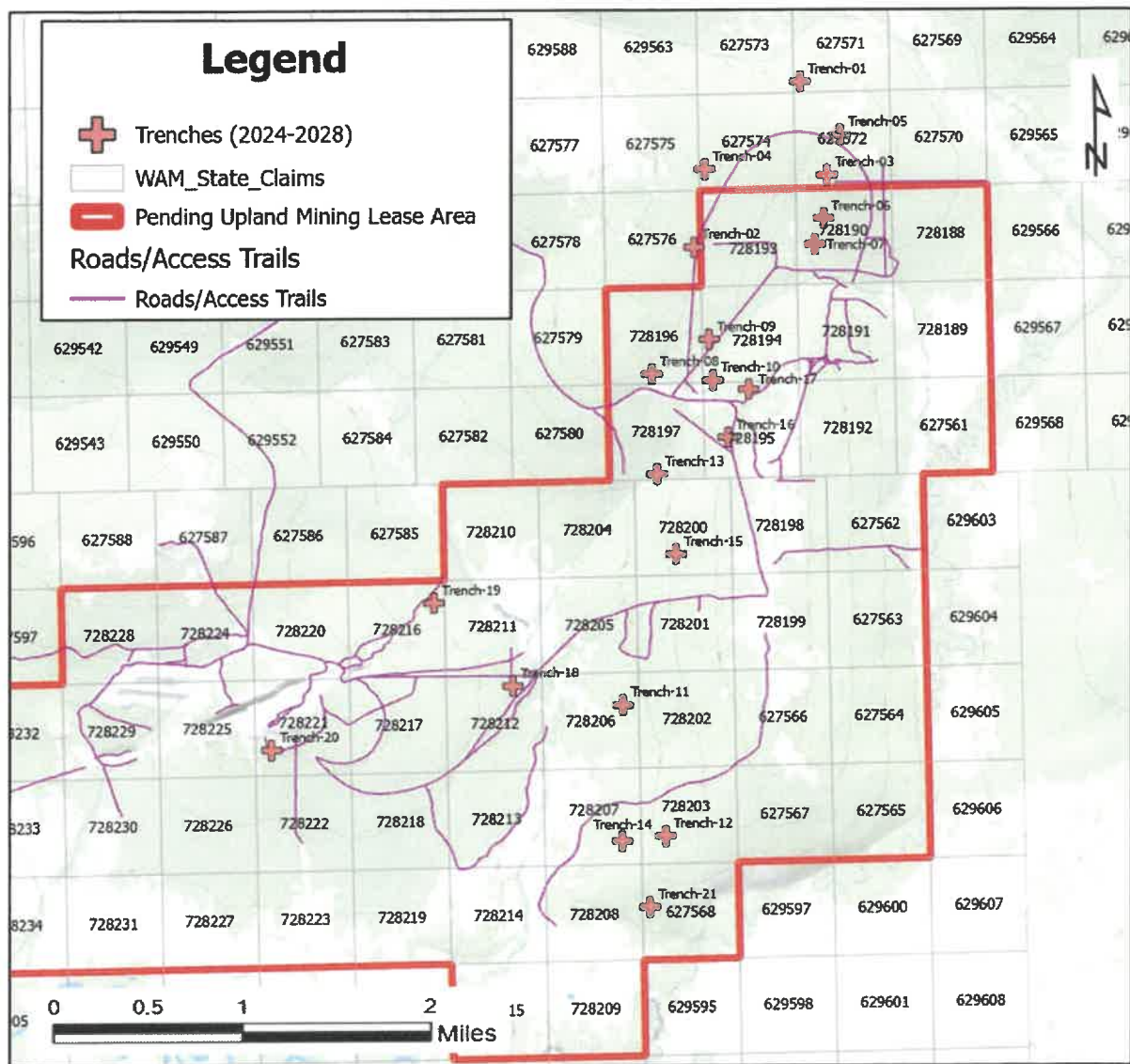


Figure 4. Proposed trench locations by ADL for both mining claims and the pending lease area.

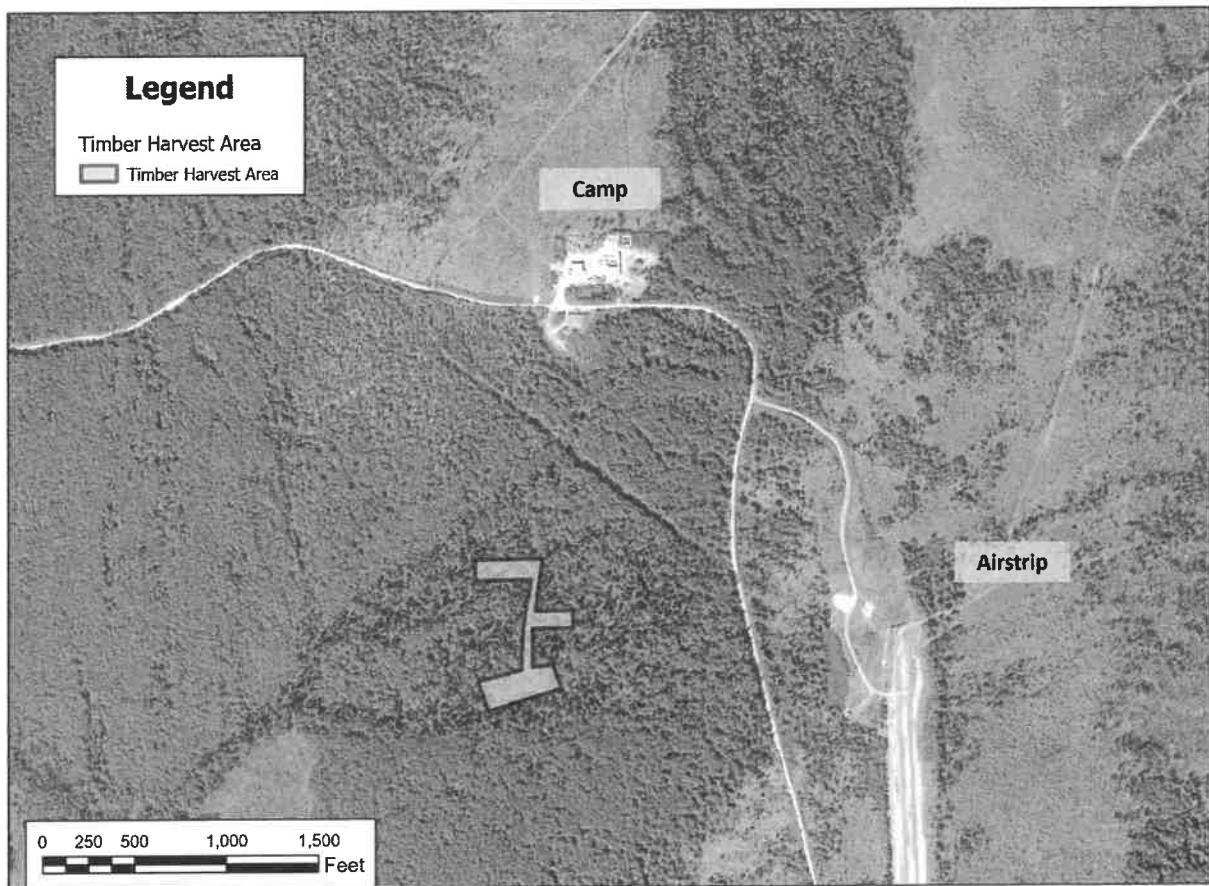


Figure 5. Timber harvest area.

Table 1. Illinois Creek State Mining Claim List

Claim #	ADL#	Work Slated for 2024	Recording District	Meridian	Township	Range	Sect	1/4 Sect	Posted
ICP01	728188	Y	Mt McKinley	Kateel River	T16S	R5E	25	SW	29-Jun-18
ICP02	728189	Y	Mt McKinley	Kateel River	T16S	R5E	36	NW	29-Jun-18
ICP03	728190	Y	Mt McKinley	Kateel River	T16S	R5E	26	SE	29-Jun-18
ICP04	728191	Y	Mt McKinley	Kateel River	T16S	R5E	35	NE	29-Jun-18
ICP05	728192	Y	Mt McKinley	Kateel River	T16S	R5E	35	SE	29-Jun-18
ICP06	728193	Y	Mt McKinley	Kateel River	T16S	R5E	26	SW	29-Jun-18
ICP07	728194	Y	Mt McKinley	Kateel River	T16S	R5E	35	NW	29-Jun-18
ICP08	728195	Y	Mt McKinley	Kateel River	T16S	R5E	35	SW	29-Jun-18
ICP09	728196	Y	Mt McKinley	Kateel River	T16S	R5E	34	NE	29-Jun-18
ICP10	728197	Y	Mt McKinley	Kateel River	T16S	R5E	34	SE	29-Jun-18
ICP11	728198	Y	Mt McKinley	Kateel River	T17S	R5E	2	NE	29-Jun-18
ICP12	728199	Y	Mt McKinley	Kateel River	T17S	R5E	2	SE	29-Jun-18
ICP13	728200	Y	Mt McKinley	Kateel River	T17S	R5E	2	NW	29-Jun-18
ICP14	728201	Y	Mt McKinley	Kateel River	T17S	R5E	2	SW	29-Jun-18
ICP15	728202	Y	Mt McKinley	Kateel River	T17S	R5E	11	NW	29-Jun-18
ICP16	728203	Y	Mt McKinley	Kateel River	T17S	R5E	11	SW	29-Jun-18
ICP17	728204	N	Mt McKinley	Kateel River	T17S	R5E	3	NE	29-Jun-18
ICP18	728205	Y	Mt McKinley	Kateel River	T17S	R5E	3	SE	29-Jun-18
ICP19	728206	Y	Mt McKinley	Kateel River	T17S	R5E	10	NE	29-Jun-18
ICP20	728207	Y	Mt McKinley	Kateel River	T17S	R5E	10	SE	29-Jun-18
ICP21	728208	N	Mt McKinley	Kateel River	T17S	R5E	15	NE	29-Jun-18
ICP22	728209	N	Mt McKinley	Kateel River	T17S	R5E	15	SE	29-Jun-18
ICP23	728210	N	Mt McKinley	Kateel River	T17S	R5E	3	NW	29-Jun-18
ICP24	728211	Y	Mt McKinley	Kateel River	T17S	R5E	3	SW	29-Jun-18
ICP25	728212	Y	Mt McKinley	Kateel River	T17S	R5E	10	NW	29-Jun-18
ICP26	728213	N	Mt McKinley	Kateel River	T17S	R5E	10	SW	29-Jun-18
ICP27	728214	N	Mt McKinley	Kateel River	T17S	R5E	15	NW	29-Jun-18
ICP28	728215	N	Mt McKinley	Kateel River	T17S	R5E	15	SW	29-Jun-18
ICP29	728216	Y	Mt McKinley	Kateel River	T17S	R5E	4	SE	29-Jun-18
ICP30	728217	N	Mt McKinley	Kateel River	T17S	R5E	9	NE	29-Jun-18
ICP31	728218	N	Mt McKinley	Kateel River	T17S	R5E	9	SE	29-Jun-18
ICP32	728219	N	Mt McKinley	Kateel River	T17S	R5E	16	NE	29-Jun-18
ICP33	728220	N	Mt McKinley	Kateel River	T17S	R5E	4	SW	29-Jun-18
ICP34	728221	Y	Mt McKinley	Kateel River	T17S	R5E	9	NW	29-Jun-18
ICP35	728222	Y	Mt McKinley	Kateel River	T17S	R5E	9	SW	29-Jun-18
ICP36	728223	N	Mt McKinley	Kateel River	T17S	R5E	16	NW	29-Jun-18
ICP37	728224	N	Mt McKinley	Kateel River	T17S	R5E	5	SE	29-Jun-18
ICP38	728225	N	Mt McKinley	Kateel River	T17S	R5E	8	NE	29-Jun-18
ICP39	728226	N	Mt McKinley	Kateel River	T17S	R5E	8	SE	29-Jun-18
ICP40	728227	N	Mt McKinley	Kateel River	T17S	R5E	17	NE	29-Jun-18
ICP41	728228	N	Mt McKinley	Kateel River	T17S	R5E	5	SW	29-Jun-18
ICP42	728229	N	Mt McKinley	Kateel River	T17S	R5E	8	NW	29-Jun-18
ICP43	728230	N	Mt McKinley	Kateel River	T17S	R5E	8	SW	29-Jun-18
ICP44	728231	N	Mt McKinley	Kateel River	T17S	R5E	17	NW	29-Jun-18
ICP45	728232	N	Mt McKinley	Kateel River	T17S	R5E	7	NE	29-Jun-18
ICP46	728233	N	Mt McKinley	Kateel River	T17S	R5E	7	SE	29-Jun-18
ICP47	728234	N	Mt McKinley	Kateel River	T17S	R5E	18	NE	29-Jun-18
ICP48	728235	N	Mt McKinley	Kateel River	T17S	R5E	7	NW	29-Jun-18
ICP49	728236	N	Mt McKinley	Kateel River	T17S	R5E	7	SW	29-Jun-18
ICP50	728237	N	Mt McKinley	Kateel River	T17S	R5E	18	NW	29-Jun-18
ICP51	728238	N	Mt McKinley	Kateel River	T17S	R4E	12	NE	29-Jun-18
ICP52	728239	N	Mt McKinley	Kateel River	T17S	R4E	12	SE	29-Jun-18
ICP53	728240	N	Mt McKinley	Kateel River	T17S	R4E	13	NE	29-Jun-18
ICP54	728241	N	Mt McKinley	Kateel River	T17S	R4E	12	NW	29-Jun-18

Claim #	ADL#	Work Slated for 2024	Recording District	Meridian	Township	Range	Sect	1/4 Sect	Posted
ICP55	728242	N	Mt McKinley	Kateel River	T17S	R4E	12	SW	29-Jun-18
ICP56	728243	N	Mt McKinley	Kateel River	T17S	R4E	13	NW	29-Jun-18
ICP57	728244	N	Mt McKinley	Kateel River	T17S	R4E	11	NE	29-Jun-18
ICP58	728245	N	Mt McKinley	Kateel River	T17S	R4E	11	SE	29-Jun-18
ICP59	728246	N	Mt McKinley	Kateel River	T17S	R4E	14	NE	29-Jun-18
ICP60	728247	N	Mt McKinley	Kateel River	T17S	R4E	11	NW	29-Jun-18
ICP61	728248	N	Mt McKinley	Kateel River	T17S	R4E	11	SW	29-Jun-18
ICP62	728249	N	Mt McKinley	Kateel River	T17S	R4E	14	NW	29-Jun-18
ICP63	627561	N	Mt McKinley	Kateel River	T16S	R5E	36	SW	12-Jul-20
ICP64	627562	N	Mt McKinley	Kateel River	T17S	R5E	1	NW	12-Jul-20
ICP65	627563	N	Mt McKinley	Kateel River	T17S	R5E	1	SW	12-Jul-20
ICP66	627564	N	Mt McKinley	Kateel River	T17S	R5E	12	NW	12-Jul-20
ICP67	627565	N	Mt McKinley	Kateel River	T17S	R5E	12	SW	12-Jul-20
ICP68	627566	N	Mt McKinley	Kateel River	T17S	R5E	11	NE	12-Jul-20
ICP69	627567	Y	Mt McKinley	Kateel River	T17S	R5E	11	SE	12-Jul-20
ICP70	627568	Y	Mt McKinley	Kateel River	T17S	R5E	14	NW	12-Jul-20
ICP71	627569	Y	Mt McKinley	Kateel River	T16S	R5E	24	SW	12-Jul-20
ICP72	627570	Y	Mt McKinley	Kateel River	T16S	R5E	25	NW	12-Jul-20
ICP73	627571	Y	Mt McKinley	Kateel River	T16S	R5E	23	SE	12-Jul-20
ICP74	627572	Y	Mt McKinley	Kateel River	T16S	R5E	26	NE	12-Jul-20
ICP75	627573	Y	Mt McKinley	Kateel River	T16S	R5E	23	SW	12-Jul-20
ICP76	627574	Y	Mt McKinley	Kateel River	T16S	R5E	26	NW	12-Jul-20
ICP77	627575	Y	Mt McKinley	Kateel River	T16S	R5E	27	NE	12-Jul-20
ICP78	627576	Y	Mt McKinley	Kateel River	T16S	R5E	27	SE	12-Jul-20
ICP79	627577	Y	Mt McKinley	Kateel River	T16S	R5E	27	NW	12-Jul-20
ICP80	627578	Y	Mt McKinley	Kateel River	T16S	R5E	27	SW	12-Jul-20
ICP81	627579	Y	Mt McKinley	Kateel River	T16S	R5E	34	NW	12-Jul-20
ICP82	627580	Y	Mt McKinley	Kateel River	T16S	R5E	34	SW	12-Jul-20
ICP83	627581	N	Mt McKinley	Kateel River	T16S	R5E	33	NE	12-Jul-20
ICP84	627582	N	Mt McKinley	Kateel River	T16S	R5E	33	SE	12-Jul-20
ICP85	627583	N	Mt McKinley	Kateel River	T16S	R5E	33	NW	12-Jul-20
ICP86	627584	N	Mt McKinley	Kateel River	T16S	R5E	33	SW	12-Jul-20
ICP87	627585	Y	Mt McKinley	Kateel River	T17S	R5E	4	NE	12-Jul-20
ICP88	627586	Y	Mt McKinley	Kateel River	T17S	R5E	4	NW	12-Jul-20
ICP89	627587	Y	Mt McKinley	Kateel River	T17S	R5E	5	NE	12-Jul-20
ICP90	627588	Y	Mt McKinley	Kateel River	T17S	R5E	5	NW	12-Jul-20
ICP91	627589	N	Mt McKinley	Kateel River	T16S	R5E	18	SW	12-Jul-20
ICP92	627590	N	Mt McKinley	Kateel River	T16S	R5E	19	NW	12-Jul-20
ICP93	627591	N	Mt McKinley	Kateel River	T16S	R5E	19	SW	12-Jul-20
ICP94	627592	N	Mt McKinley	Kateel River	T16S	R5E	30	NW	12-Jul-20
ICP95	627593	N	Mt McKinley	Kateel River	T16S	R5E	30	SW	12-Jul-20
ICP96	627594	N	Mt McKinley	Kateel River	T16S	R5E	31	NW	12-Jul-20
ICP97	627595	N	Mt McKinley	Kateel River	T16S	R5E	31	SW	12-Jul-20
ICP98	627596	Y	Mt McKinley	Kateel River	T17S	R5E	6	NE	12-Jul-20
ICP99	627597	Y	Mt McKinley	Kateel River	T17S	R5E	6	SE	12-Jul-20
ICP100	627598	N	Mt McKinley	Kateel River	T16S	R4E	13	SE	12-Jul-20
ICP101	627599	N	Mt McKinley	Kateel River	T16S	R4E	24	NE	12-Jul-20
ICP102	627600	N	Mt McKinley	Kateel River	T16S	R4E	24	SE	12-Jul-20
ICP103	627601	N	Mt McKinley	Kateel River	T16S	R4E	25	NE	12-Jul-20
ICP104	627602	N	Mt McKinley	Kateel River	T16S	R4E	25	SE	12-Jul-20
ICP105	627603	N	Mt McKinley	Kateel River	T16S	R4E	36	NE	12-Jul-20
ICP106	627604	N	Mt McKinley	Kateel River	T16S	R4E	36	SE	12-Jul-20
ICP107	627605	Y	Mt McKinley	Kateel River	T17S	R5E	6	NW	12-Jul-20
ICP108	627606	Y	Mt McKinley	Kateel River	T17S	R5E	6	SW	12-Jul-20
ICP109	627607	Y	Mt McKinley	Kateel River	T17S	R4E	1	NE	12-Jul-20
ICP110	627608	Y	Mt McKinley	Kateel River	T17S	R4E	1	SE	12-Jul-20
ICP111	629537	N	Mt McKinley	Kateel River	T16S	R5E	18	SE	24-Jul-21

Claim #	ADL#	Work Slated for 2024	Recording District	Meridian	Township	Range	Sect	1/4 Sect	Posted
ICP112	629538	N	Mt McKinley	Kateel River	T16S	R5E	19	NE	24-Jul-21
ICP113	629539	N	Mt McKinley	Kateel River	T16S	R5E	19	SE	24-Jul-21
ICP114	629540	N	Mt McKinley	Kateel River	T16S	R5E	30	NE	24-Jul-21
ICP115	629541	N	Mt McKinley	Kateel River	T16S	R5E	30	SE	24-Jul-21
ICP116	629542	N	Mt McKinley	Kateel River	T16S	R5E	31	NE	24-Jul-21
ICP117	629543	N	Mt McKinley	Kateel River	T16S	R5E	31	SE	24-Jul-21
ICP118	629544	N	Mt McKinley	Kateel River	T16S	R5E	17	SW	24-Jul-21
ICP119	629545	N	Mt McKinley	Kateel River	T16S	R5E	20	NW	24-Jul-21
ICP120	629546	N	Mt McKinley	Kateel River	T16S	R5E	20	SW	24-Jul-21
ICP121	629547	N	Mt McKinley	Kateel River	T16S	R5E	29	NW	24-Jul-21
ICP122	629548	N	Mt McKinley	Kateel River	T16S	R5E	29	SW	24-Jul-21
ICP123	629549	N	Mt McKinley	Kateel River	T16S	R5E	32	NW	24-Jul-21
ICP124	629550	N	Mt McKinley	Kateel River	T16S	R5E	32	SW	24-Jul-21
ICP125	629551	N	Mt McKinley	Kateel River	T16S	R5E	32	NE	24-Jul-21
ICP126	629552	N	Mt McKinley	Kateel River	T16S	R5E	32	SE	24-Jul-21
ICP127	629553	N	Mt McKinley	Kateel River	T16S	R5E	15	SE	24-Jul-21
ICP128	629554	N	Mt McKinley	Kateel River	T16S	R5E	14	SW	24-Jul-21
ICP129	629555	N	Mt McKinley	Kateel River	T16S	R5E	14	SE	24-Jul-21
ICP130	629556	N	Mt McKinley	Kateel River	T16S	R5E	13	SW	24-Jul-21
ICP131	629557	N	Mt McKinley	Kateel River	T16S	R5E	13	SE	24-Jul-21
ICP132	629558	N	Mt McKinley	Kateel River	T16S	R5E	22	NE	24-Jul-21
ICP133	629559	N	Mt McKinley	Kateel River	T16S	R5E	23	NW	24-Jul-21
ICP134	629560	N	Mt McKinley	Kateel River	T16S	R5E	23	NE	24-Jul-21
ICP135	629561	N	Mt McKinley	Kateel River	T16S	R5E	24	NW	24-Jul-21
ICP136	629562	N	Mt McKinley	Kateel River	T16S	R5E	24	NE	24-Jul-21
ICP137	629563	Y	Mt McKinley	Kateel River	T16S	R5E	22	SE	24-Jul-21
ICP138	629564	N	Mt McKinley	Kateel River	T16S	R5E	24	SE	24-Jul-21
ICP139	629565	N	Mt McKinley	Kateel River	T16S	R5E	25	NE	24-Jul-21
ICP140	629566	N	Mt McKinley	Kateel River	T16S	R5E	25	SE	24-Jul-21
ICP141	629567	N	Mt McKinley	Kateel River	T16S	R5E	36	NE	24-Jul-21
ICP142	629568	N	Mt McKinley	Kateel River	T16S	R5E	36	SE	24-Jul-21
ICP143	629569	Y	Mt McKinley	Kateel River	T17S	R5E	17	SE	24-Jul-21
ICP144	629570	Y	Mt McKinley	Kateel River	T17S	R5E	16	SW	24-Jul-21
ICP145	629571	Y	Mt McKinley	Kateel River	T17S	R5E	16	SE	24-Jul-21
ICP146	629572	N	Mt McKinley	Kateel River	T17S	R5E	20	NE	24-Jul-21
ICP147	629573	N	Mt McKinley	Kateel River	T17S	R5E	21	NW	24-Jul-21
ICP148	629574	N	Mt McKinley	Kateel River	T17S	R5E	21	NE	24-Jul-21
ICP149	629575	N	Mt McKinley	Kateel River	T17S	R5E	22	NW	24-Jul-21
ICP150	629576	N	Mt McKinley	Kateel River	T17S	R5E	22	NE	24-Jul-21
ICP151	629577	N	Mt McKinley	Kateel River	T16S	R5E	17	SE	5-Aug-21
ICP152	629578	N	Mt McKinley	Kateel River	T16S	R5E	16	SW	5-Aug-21
ICP153	629579	N	Mt McKinley	Kateel River	T16S	R5E	16	SE	5-Aug-21
ICP154	629580	N	Mt McKinley	Kateel River	T16S	R5E	15	SW	5-Aug-21
ICP155	629581	N	Mt McKinley	Kateel River	T16S	R5E	20	NE	5-Aug-21
ICP156	629582	N	Mt McKinley	Kateel River	T16S	R5E	21	NW	5-Aug-21
ICP157	629583	N	Mt McKinley	Kateel River	T16S	R5E	21	NE	5-Aug-21
ICP158	629584	N	Mt McKinley	Kateel River	T16S	R5E	22	NW	5-Aug-21
ICP159	629585	N	Mt McKinley	Kateel River	T16S	R5E	20	SE	5-Aug-21
ICP160	629586	N	Mt McKinley	Kateel River	T16S	R5E	21	SW	5-Aug-21
ICP161	629587	N	Mt McKinley	Kateel River	T16S	R5E	21	SE	5-Aug-21
ICP162	629588	Y	Mt McKinley	Kateel River	T16S	R5E	22	SW	5-Aug-21
ICP163	629589	N	Mt McKinley	Kateel River	T16S	R5E	29	NE	5-Aug-21
ICP164	629590	N	Mt McKinley	Kateel River	T16S	R5E	28	NW	5-Aug-21
ICP165	629591	N	Mt McKinley	Kateel River	T16S	R5E	28	NE	5-Aug-21
ICP166	629592	N	Mt McKinley	Kateel River	T16S	R5E	29	SE	5-Aug-21
ICP167	629593	N	Mt McKinley	Kateel River	T16S	R5E	28	SW	5-Aug-21
ICP168	629594	N	Mt McKinley	Kateel River	T16S	R5E	28	SE	5-Aug-21

Claim #	ADL#	Work Slated for 2024	Recording District	Meridian	Township	Range	Sect	1/4 Sect	Posted
ICP169	629595	Y	Mt McKinley	Kateel River	T17S	R5E	14	SW	5-Aug-21
ICP170	629596	N	Mt McKinley	Kateel River	T17S	R5E	23	NW	5-Aug-21
ICP171	629597	Y	Mt McKinley	Kateel River	T17S	R5E	14	NE	5-Aug-21
ICP172	629598	Y	Mt McKinley	Kateel River	T17S	R5E	14	SE	5-Aug-21
ICP173	629599	N	Mt McKinley	Kateel River	T17S	R5E	23	NE	5-Aug-21
ICP174	629600	Y	Mt McKinley	Kateel River	T17S	R5E	13	NW	5-Aug-21
ICP175	629601	Y	Mt McKinley	Kateel River	T17S	R5E	13	SW	5-Aug-21
ICP176	629602	N	Mt McKinley	Kateel River	T17S	R5E	24	NW	5-Aug-21
ICP177	629603	N	Mt McKinley	Kateel River	T17S	R5E	1	NE	5-Aug-21
ICP178	629604	N	Mt McKinley	Kateel River	T17S	R5E	1	SE	5-Aug-21
ICP179	629605	N	Mt McKinley	Kateel River	T17S	R5E	12	NE	5-Aug-21
ICP180	629606	N	Mt McKinley	Kateel River	T17S	R5E	12	SE	5-Aug-21
ICP181	629607	N	Mt McKinley	Kateel River	T17S	R5E	13	NE	5-Aug-21
ICP182	629608	N	Mt McKinley	Kateel River	T17S	R5E	13	SE	5-Aug-21
ICP183	629609	N	Mt McKinley	Kateel River	T17S	R5E	24	NE	5-Aug-21
ICP184	629610	N	Mt McKinley	Kateel River	T16S	R6E	18	SW	5-Aug-21
ICP185	629611	N	Mt McKinley	Kateel River	T16S	R6E	19	NW	5-Aug-21
ICP186	629612	N	Mt McKinley	Kateel River	T16S	R6E	19	SW	5-Aug-21
ICP187	629613	N	Mt McKinley	Kateel River	T16S	R6E	30	NW	5-Aug-21
ICP188	629614	N	Mt McKinley	Kateel River	T16S	R6E	30	SW	5-Aug-21
ICP189	629615	N	Mt McKinley	Kateel River	T16S	R6E	31	NW	5-Aug-21
ICP190	629616	N	Mt McKinley	Kateel River	T16S	R6E	31	SW	23-Aug-21
ICP191	629617	N	Mt McKinley	Kateel River	T16S	R4E	13	SW	23-Aug-21
ICP192	629618	N	Mt McKinley	Kateel River	T16S	R4E	24	NW	23-Aug-21
ICP193	629619	N	Mt McKinley	Kateel River	T16S	R4E	24	SW	23-Aug-21
ICP194	629620	N	Mt McKinley	Kateel River	T16S	R4E	14	SE	23-Aug-21
ICP195	629621	N	Mt McKinley	Kateel River	T16S	R4E	23	NE	23-Aug-21
ICP196	629622	N	Mt McKinley	Kateel River	T16S	R4E	23	SE	23-Aug-21
ICP197	800560	N	Mt McKinley	Kateel River	T17S	R4E	14	SW	28-Jul-22
ICP198	800561	N	Mt McKinley	Kateel River	T17S	R4E	23	NW	28-Jul-22
ICP199	800562	N	Mt McKinley	Kateel River	T17S	R4E	23	SW	28-Jul-22
ICP200	800563	N	Mt McKinley	Kateel River	T17S	R4E	26	NW	28-Jul-22
ICP201	800564	N	Mt McKinley	Kateel River	T17S	R4E	26	SW	28-Jul-22
ICP202	800565	N	Mt McKinley	Kateel River	T17S	R4E	35	NW	28-Jul-22
ICP203	800566	N	Mt McKinley	Kateel River	T17S	R4E	35	SW	28-Jul-22
ICP204	800567	Y	Mt McKinley	Kateel River	T17S	R4E	14	SE	28-Jul-22
ICP205	800568	Y	Mt McKinley	Kateel River	T17S	R4E	23	NE	28-Jul-22
ICP206	800569	N	Mt McKinley	Kateel River	T17S	R4E	23	SE	28-Jul-22
ICP207	800570	N	Mt McKinley	Kateel River	T17S	R4E	26	NE	28-Jul-22
ICP208	800571	N	Mt McKinley	Kateel River	T17S	R4E	26	SE	28-Jul-22
ICP209	800572	N	Mt McKinley	Kateel River	T17S	R4E	35	NE	28-Jul-22
ICP210	800573	N	Mt McKinley	Kateel River	T17S	R4E	35	SE	28-Jul-22
ICP211	800574	Y	Mt McKinley	Kateel River	T17S	R4E	13	SW	28-Jul-22
ICP212	800575	Y	Mt McKinley	Kateel River	T17S	R4E	24	NW	28-Jul-22
ICP213	800576	N	Mt McKinley	Kateel River	T17S	R4E	24	SW	28-Jul-22
ICP214	800577	N	Mt McKinley	Kateel River	T17S	R4E	25	NW	28-Jul-22
ICP215	800578	N	Mt McKinley	Kateel River	T17S	R4E	25	SW	28-Jul-22
ICP216	800579	N	Mt McKinley	Kateel River	T17S	R4E	36	NW	28-Jul-22
ICP217	800580	N	Mt McKinley	Kateel River	T17S	R4E	36	SW	28-Jul-22
ICP218	800581	Y	Mt McKinley	Kateel River	T17S	R4E	13	SE	28-Jul-22
ICP219	800582	Y	Mt McKinley	Kateel River	T17S	R4E	24	NE	28-Jul-22
ICP220	800583	N	Mt McKinley	Kateel River	T17S	R4E	24	SE	28-Jul-22
ICP221	800584	N	Mt McKinley	Kateel River	T17S	R4E	25	NE	28-Jul-22
ICP222	800585	N	Mt McKinley	Kateel River	T17S	R4E	25	SE	28-Jul-22
ICP223	800586	N	Mt McKinley	Kateel River	T17S	R4E	36	NE	28-Jul-22
ICP224	800587	N	Mt McKinley	Kateel River	T17S	R4E	36	SE	28-Jul-22
ICP225	800588	Y	Mt McKinley	Kateel River	T17S	R5E	18	SW	28-Jul-22

Claim #	ADL#	Work Slated for 2024	Recording District	Meridian	Township	Range	Sect	1/4 Sect	Posted
ICP226	800589	Y	Mt McKinley	Kateel River	T17S	R5E	19	NW	28-Jul-22
ICP227	800590	N	Mt McKinley	Kateel River	T17S	R5E	19	SW	28-Jul-22
ICP228	800591	N	Mt McKinley	Kateel River	T17S	R5E	30	NW	28-Jul-22
ICP229	800592	N	Mt McKinley	Kateel River	T17S	R5E	30	SW	28-Jul-22
ICP230	800593	N	Mt McKinley	Kateel River	T17S	R5E	31	NW	28-Jul-22
ICP231	800594	N	Mt McKinley	Kateel River	T17S	R5E	31	SW	28-Jul-22
ICP232	800595	Y	Mt McKinley	Kateel River	T17S	R5E	18	SE	28-Jul-22
ICP233	800596	N	Mt McKinley	Kateel River	T17S	R5E	19	NE	28-Jul-22
ICP234	800597	N	Mt McKinley	Kateel River	T17S	R5E	19	SE	28-Jul-22
ICP235	800598	N	Mt McKinley	Kateel River	T17S	R5E	30	NE	28-Jul-22
ICP236	800599	N	Mt McKinley	Kateel River	T17S	R5E	30	SE	28-Jul-22
ICP237	800600	N	Mt McKinley	Kateel River	T17S	R5E	31	NE	28-Jul-22
ICP238	800601	N	Mt McKinley	Kateel River	T17S	R5E	31	SE	28-Jul-22
ICP239	800602	Y	Mt McKinley	Kateel River	T17S	R5E	17	SW	28-Jul-22
ICP240	800603	N	Mt McKinley	Kateel River	T17S	R5E	20	NW	28-Jul-22
ICP241	800604	N	Mt McKinley	Kateel River	T17S	R5E	20	SW	28-Jul-22
ICP242	800605	N	Mt McKinley	Kateel River	T17S	R5E	29	NW	28-Jul-22
ICP243	800606	N	Mt McKinley	Kateel River	T17S	R5E	29	SW	28-Jul-22
ICP244	800607	N	Mt McKinley	Kateel River	T17S	R5E	32	NW	28-Jul-22
ICP245	800608	N	Mt McKinley	Kateel River	T17S	R5E	32	SW	28-Jul-22
ICP246	800609	N	Mt McKinley	Kateel River	T17S	R5E	20	SE	28-Jul-22
ICP247	800610	N	Mt McKinley	Kateel River	T17S	R5E	29	NE	28-Jul-22
ICP248	800611	N	Mt McKinley	Kateel River	T17S	R5E	29	SE	28-Jul-22
ICP249	800612	N	Mt McKinley	Kateel River	T17S	R5E	32	NE	28-Jul-22
ICP250	800613	N	Mt McKinley	Kateel River	T17S	R5E	32	SE	28-Jul-22
ICP251	800614	N	Mt McKinley	Kateel River	T17S	R5E	21	SW	28-Jul-22
ICP252	800615	N	Mt McKinley	Kateel River	T17S	R5E	28	NW	28-Jul-22
ICP253	800616	N	Mt McKinley	Kateel River	T17S	R5E	28	SW	28-Jul-22
ICP254	800617	N	Mt McKinley	Kateel River	T17S	R5E	33	NW	28-Jul-22
ICP255	800618	N	Mt McKinley	Kateel River	T17S	R5E	33	SW	28-Jul-22
ICP256	800619	N	Mt McKinley	Kateel River	T17S	R5E	21	SE	28-Jul-22
ICP257	800620	N	Mt McKinley	Kateel River	T17S	R5E	28	NE	28-Jul-22
ICP258	800621	N	Mt McKinley	Kateel River	T17S	R5E	28	SE	28-Jul-22
ICP259	800622	N	Mt McKinley	Kateel River	T17S	R5E	33	NE	28-Jul-22
ICP260	800623	N	Mt McKinley	Kateel River	T17S	R5E	33	SE	28-Jul-22
ICP261	800624	N	Mt McKinley	Kateel River	T17S	R5E	22	SW	28-Jul-22
ICP262	800625	N	Mt McKinley	Kateel River	T17S	R5E	27	NW	28-Jul-22
ICP263	800626	N	Mt McKinley	Kateel River	T17S	R5E	27	SW	28-Jul-22
ICP264	800627	N	Mt McKinley	Kateel River	T17S	R5E	34	NW	28-Jul-22
ICP265	800628	N	Mt McKinley	Kateel River	T17S	R5E	34	SW	28-Jul-22
ICP266	800629	N	Mt McKinley	Kateel River	T17S	R5E	22	SE	28-Jul-22
ICP267	800630	N	Mt McKinley	Kateel River	T17S	R5E	27	NE	28-Jul-22
ICP268	800631	N	Mt McKinley	Kateel River	T17S	R5E	27	SE	28-Jul-22
ICP269	800632	N	Mt McKinley	Kateel River	T17S	R5E	34	NE	28-Jul-22
ICP270	800633	N	Mt McKinley	Kateel River	T17S	R5E	34	SE	28-Jul-22
ICP271	800634	N	Mt McKinley	Kateel River	T17S	R5E	23	SW	28-Jul-22
ICP272	800635	N	Mt McKinley	Kateel River	T17S	R5E	26	NW	28-Jul-22
ICP273	800636	N	Mt McKinley	Kateel River	T17S	R5E	26	SW	28-Jul-22
ICP274	800637	N	Mt McKinley	Kateel River	T17S	R5E	35	NW	28-Jul-22
ICP275	800638	N	Mt McKinley	Kateel River	T17S	R5E	35	SW	28-Jul-22
ICP276	800639	N	Mt McKinley	Kateel River	T17S	R5E	23	SE	28-Jul-22
ICP277	800640	N	Mt McKinley	Kateel River	T17S	R5E	26	NE	28-Jul-22
ICP278	800641	N	Mt McKinley	Kateel River	T17S	R5E	26	SE	28-Jul-22
ICP279	800642	N	Mt McKinley	Kateel River	T17S	R5E	35	NE	28-Jul-22
ICP280	800643	N	Mt McKinley	Kateel River	T17S	R5E	35	SE	28-Jul-22
ICP281	800644	N	Mt McKinley	Kateel River	T16S	R5E	10	NW	29-Jul-22
ICP282	800645	N	Mt McKinley	Kateel River	T16S	R5E	10	NE	29-Jul-22

Claim #	ADL#	Work Slated for 2024	Recording District	Meridian	Township	Range	Sect	1/4 Sect	Posted
ICP283	800646	N	Mt McKinley	Kateel River	T16S	R5E	11	NW	29-Jul-22
ICP284	800647	N	Mt McKinley	Kateel River	T16S	R5E	11	NE	29-Jul-22
ICP285	800648	N	Mt McKinley	Kateel River	T16S	R5E	12	NW	29-Jul-22
ICP286	800649	N	Mt McKinley	Kateel River	T16S	R5E	12	NE	29-Jul-22
ICP287	800650	N	Mt McKinley	Kateel River	T16S	R6E	7	NW	29-Jul-22
ICP288	800651	N	Mt McKinley	Kateel River	T16S	R6E	7	NE	29-Jul-22
ICP289	800652	N	Mt McKinley	Kateel River	T16S	R6E	7	SE	29-Jul-22
ICP290	800653	N	Mt McKinley	Kateel River	T16S	R6E	7	SW	29-Jul-22
ICP291	800654	N	Mt McKinley	Kateel River	T16S	R5E	12	SE	29-Jul-22
ICP292	800655	N	Mt McKinley	Kateel River	T16S	R5E	12	SW	29-Jul-22
ICP293	800656	N	Mt McKinley	Kateel River	T16S	R5E	11	SE	29-Jul-22
ICP294	800657	N	Mt McKinley	Kateel River	T16S	R5E	11	SW	29-Jul-22
ICP295	800658	N	Mt McKinley	Kateel River	T16S	R5E	10	SE	29-Jul-22
ICP296	800659	N	Mt McKinley	Kateel River	T16S	R5E	10	SW	29-Jul-22
ICP297	800660	N	Mt McKinley	Kateel River	T16S	R5E	15	NW	29-Jul-22
ICP298	800661	N	Mt McKinley	Kateel River	T16S	R5E	15	NE	29-Jul-22
ICP299	800662	N	Mt McKinley	Kateel River	T16S	R5E	14	NW	29-Jul-22
ICP300	800663	N	Mt McKinley	Kateel River	T16S	R5E	14	NE	29-Jul-22
ICP301	800664	N	Mt McKinley	Kateel River	T16S	R5E	13	NW	29-Jul-22
ICP302	800665	N	Mt McKinley	Kateel River	T16S	R5E	13	NE	29-Jul-22
ICP303	800666	N	Mt McKinley	Kateel River	T16S	R6E	18	NW	29-Jul-22
ICP304	800667	N	Mt McKinley	Kateel River	T16S	R6E	18	NE	29-Jul-22
ICP305	800668	N	Mt McKinley	Kateel River	T16S	R6E	18	SE	29-Jul-22
ICP306	800669	N	Mt McKinley	Kateel River	T16S	R6E	19	NE	29-Jul-22
ICP307	800670	N	Mt McKinley	Kateel River	T16S	R6E	19	SE	29-Jul-22
ICP308	800671	N	Mt McKinley	Kateel River	T16S	R6E	30	NE	29-Jul-22
ICP309	800672	N	Mt McKinley	Kateel River	T16S	R6E	30	SE	29-Jul-22
ICP310	800673	N	Mt McKinley	Kateel River	T16S	R6E	31	NE	29-Jul-22
ICP311	800674	N	Mt McKinley	Kateel River	T16S	R6E	31	SE	29-Jul-22

Table 2. List of Claims by ADL Number and number of potential drill holes for 2024-2028

Claim Name	ADL Number	In Pending UL Lease	Drill_Area	Number of Drill Holes
ICP63	627561	Yes	Last Hurrah	3
ICP64	627562	Yes	Last Hurrah	10
ICP65	627563	Yes	Last Hurrah	3
ICP66	627564	Yes	IC East Manto	1
ICP67	627565	Yes	Porphyry	1
ICP68	627566	Yes	IC East Manto	1
ICP69	627567	Yes	Porphyry	1
ICP72	627570	No	Northeast Target	1
ICP74	627572	No	Northeast Target	1
ICP76	627574	No	Northeast Target	1
ICP77	627575	No	Northeast Target	1
ICP78	627576	No	Northeast Target	1
ICP107	627605	No	North Target	1
ICP108	627606	No	North Target	1
ICP171	629597	No	South Target	1
ICP174	629600	No	South Target	1
ICP01	728188	Yes	Waterpump Creek	24
ICP02	728189	Yes	Last Hurrah	3
ICP03	728190	Yes	Waterpump Creek	30
ICP04	728191	Yes	Last Hurrah	45
ICP05	728192	Yes	Last Hurrah	65
ICP06	728193	Yes	Waterpump Creek	2
ICP07	728194	Yes	Waterpump Creek	2
ICP08	728195	Yes	Last Hurrah	10
ICP09	728196	Yes	Waterpump Creek	2
ICP10	728197	Yes	Last Hurrah	3
ICP11	728198	Yes	Last Hurrah	65
ICP12	728199	Yes	Last Hurrah	4
ICP13	728200	Yes	Last Hurrah	3
ICP14	728201	Yes	Last Hurrah	3
ICP15	728202	Yes	IC East Manto	1
ICP16	728203	Yes	Porphyry	1
ICP17	728204	Yes	Last Hurrah	3
ICP18	728205	Yes	IC East Manto	1
ICP22	728209	Yes	Porphyry	1
ICP23	728210	Yes	IC East Manto	1
ICP24	728211	Yes	IC East Manto	1
ICP25	728212	Yes	IC East Manto	1
ICP29	728216	Yes	IC East Manto	1
ICP30	728217	Yes	IC East Manto	1
ICP32	728219	Yes	Porphyry	1
ICP34	728221	Yes	IC East Manto	1
ICP35	728222	Yes	IC East Manto	1
ICP36	728223	Yes	Porphyry	1
ICP38	728225	Yes	IC East Manto	1
ICP39	728226	Yes	IC East Manto	1
ICP43	728230	Yes	IC East Manto	1
ICP44	728231	Yes	Porphyry	1
ICP50	728237	Yes	Porphyry	1
ICP56	728243	Yes	Porphyry	1
ICP59	728246	Yes	Porphyry	1
ICP211	800574	No	South Target	1
			Total	314

Table 3. Illinois Creek proposed trench locations for 2024-2028

Trench Name	Claim Name	ADL Number	In Pending UL Lease	Lat	Long
Trench-01	ICP73	627571	No	64.0812	-157.8209
Trench-02	ICP78	627576	Yes	64.0689	-157.8396
Trench-03	ICP74	627572	Yes	64.0741	-157.8165
Trench-04	ICP76	627574	Yes	64.0747	-157.8375
Trench-05	ICP74	627572	Yes	64.0771	-157.8142
Trench-06	ICP03	728190	Yes	64.0709	-157.8172
Trench-07	ICP03	728190	Yes	64.0689	-157.8188
Trench-08	ICP09	728196	Yes	64.0595	-157.8472
Trench-09	ICP07	728194	Yes	64.0620	-157.8373
Trench-11	ICP19	728206	Yes	64.0346	-157.8532
Trench-10	ICP07	728194	Yes	64.0589	-157.8368
Trench-12	ICP16	728203	Yes	64.0247	-157.8463
Trench-13	ICP10	728197	Yes	64.0519	-157.8466
Trench-14	ICP20	728207	No	64.0244	-157.8537
Trench-15	ICP13	728200	No	64.0459	-157.8436
Trench-16	ICP08	728195	No	64.0546	-157.8344
Trench-17	ICP08	728195	No	64.0582	-157.8307
Trench-18	ICP25	728212	No	64.0362	-157.8720
Trench-19	ICP29	728216	No	64.0426	-157.8853
Trench-20	ICP34	728221	No	64.0318	-157.9135
Trench-21	ICP70	627568	No	64.0194	-157.8492

**Plan of Operations
Illinois Creek Project
Upland Mining Lease
ADL# 422236**



Prepared for:
Alaska Department of Natural Resources

Prepared by:
Western Alaska Copper & Gold

February 2024

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Executive Summary

This Plan of Operations (Plan) is submitted to the Alaska Department of Natural Resources (ADNR) by Western Alaska Copper & Gold (WAC&G) for the exploration activities for the period 2024 – 2028 on the Illinois Creek Upland Mining Lease (ADL#422236, Property). WAC&G is an Alaska corporation and a wholly owned subsidiary of Western Alaska Minerals.

The Property is located in the southern Kaiyuh Mountains in western Alaska, approximately 490 km west of Fairbanks, and 85 km south-southwest of Galena.

The overall exploration program is directed at further evaluation of a number of mineral occurrences of varying type, including extensions of the historic Illinois Creek Mine oxide gold-silver deposit, the Waterpump Creek lead-zinc-silver carbonate replacement mineralization and the potential for porphyry-style copper-molybdenum mineralization.

The proposed activities covered in this Plan will occur within the State of Alaska Upland Mining Lease ADL#422236 that defines the Property. There are no Federal actions associated with permitting the activities proposed in this Plan so there is no National Environmental Policy Act (NEPA) analysis required for the activities proposed in the Plan.

Previous work on the Property had been authorized under APMA/Miscellaneous Land Use Permit (MLUP)#9831 that expired on December 31, 2023, prior to applying for the current Upland Mining Lease. WAC&G is requesting formal Approval of this Plan as part of meeting its obligations under the Upland Mining Lease ADL#422236.

Thus, this Plan is to serve the purpose of acquiring approval from the ADNR for the activities on State of Alaska Upland Mining Lease ADL#422236 including:

1. Exploratory Drilling
2. Ground, Air and Down-hole Geophysics
3. Surface Geologic Mapping and Geochemical Sampling
4. Exploratory Trenching
5. Baseline Environmental Monitoring
6. Camp Activities

Abbreviations

AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
ADNR	Alaska Department of Natural Resources
APMA	Application for Permits to Mine in Alaska
BMP	Best Management Practice (s)s
DMLW	Division of Mining, Land and Water
ESA	Endangered Species Act
km	Kilometers
m	Meters
mi	miles
MSGP	Multi-Sector General Permit
NEPA	National Environmental Policy Act
Plan	Plan of Operations
Project	Illinois Creek Project
SPCCP	Spill Prevention Control Countermeasure Plan
SOA	State of Alaska
US	United States
USACE	US Army Corp. of Engineers

1.0 INTRODUCTION

This Introduction includes a brief history of the project as well as descriptions of the location and access to the property, and Western Alaska Copper & Gold's land tenure. Western Alaska Copper & Gold (WAC&G) is an Alaskan corporation and is owned by Western Alaska Minerals (WAM).

The Upland Mining Lease ADL#422236 (the Property) is located in the southern Kaiyuh Mountains just east of the Yukon River in western Alaska, approximately 300 miles (490 km) west of Fairbanks, and 53 miles (85 km) south-southwest of the community of Galena Figure 1.

The Property represents a portion of WAC&G mineral tenure in the District which also includes State mining claims in 5 blocks, including the Illinois Creek claims that surround this mining lease. This Plan of Operations is limited to describing activities to this Illinois Creek Upland Mining Lease area. Exploration activities on the remaining 241 Illinois Creek state mining claims will be described in a separate APMA application.

Primary access to the Property is by fixed-wing aircraft. A 1,340 m (4,400 ft), maintained gravel airstrip located on the Property can accommodate C-130, DC-6 and smaller aircraft. Daily commercial air service between Fairbanks and the nearby villages of Galena, Nulato, and Kaltag is also utilized in conjunction with a helicopter based at camp to bring in personnel and supplies.

Exploration on the Property began in 1980 by Anaconda with the initial discovery of the Illinois Creek gossan and subsequent delineation of the Illinois Creek deposit. Historically, the property has been explored and exploited for oxide Au and Ag mineralization in gossans developed from the deep weathering of the sulfide carbonate replacement bodies within dolostone and dolostone quartzites.

Anaconda also discovered primary sulfide mineralization in the Water Pump Creek target area (Illinois Creek claims) and farther north, porphyry-style copper-molybdenum mineralization at the Round Top claims, and gold-arsenic-enriched quartz veins at the Honker claims.

The Illinois Creek open pit mine was built in the late 1990's with limited production between 1997 and 1998 before the operator filed for bankruptcy. American Reclamation Group took over the mine in 2000 and used a portion of production proceeds to initiate reclamation of the site in 2002. The State of Alaska certified the site as formally reclaimed in 2005. Reclamation included the removal of most of the surface infrastructure (camp remained), capping the leach pad and reseeding the site as well as providing \$850,000 for a fund to pay for long-term monitoring of the reclaimed site.

In 2021, WAC&G began to explore for extensions to the Illinois Creek oxide mineralization, and sulfide mineralization at Waterpump Creek with significant success. The 2022 and 2023 drill programs focused on the high-grade sulfide mineralization at Waterpump Creek and extensions of this mineralization projected to the south into the Last Hurrah Target Area. The target areas are illustrated in Figure 3.

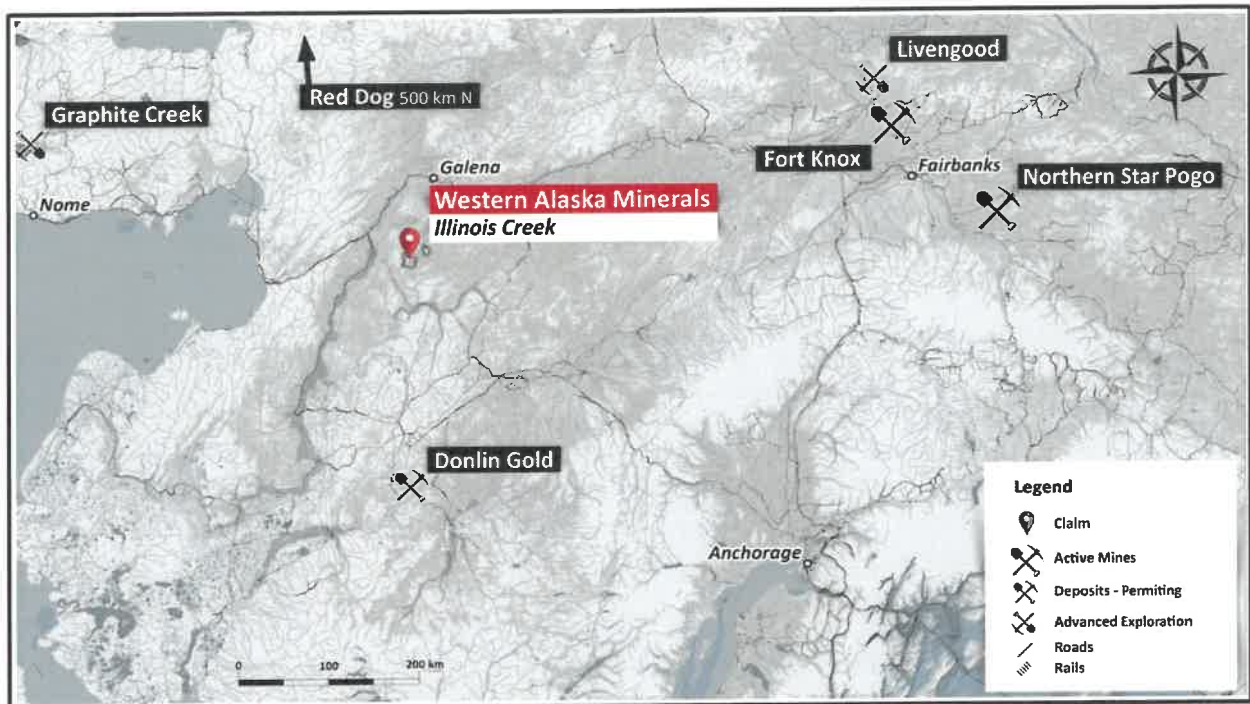


Figure 1 Location Map – Illinois Creek Exploration Project

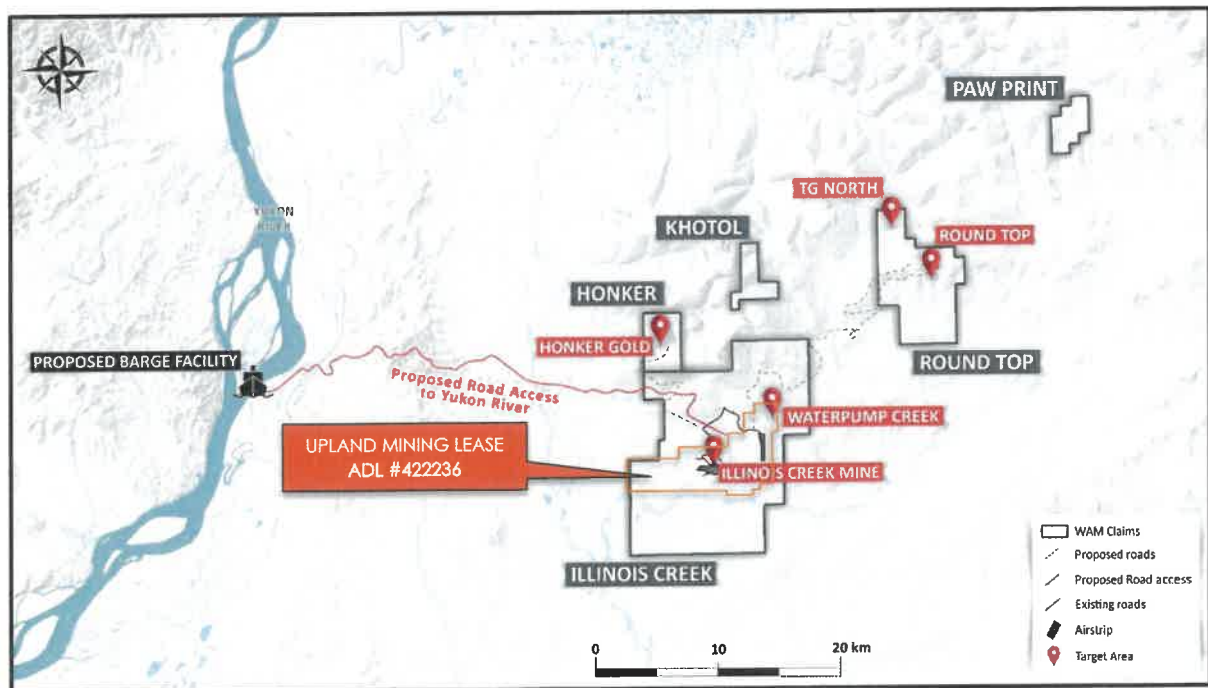


Figure 2 WAC&G State Mining Claim Blocks and Upland Mining Lease ADL#422236 in the Illinois Creek District

2.0 REGULATORY REQUIREMENTS

This section provides a discussion of the regulatory requirements that apply to the activities proposed in this Plan of Operations. WAC&G has reviewed the applicable State, Federal and local statutes and regulations and believes that the activities proposed in the Plan require the following submittals, regulatory reviews and approvals, and plans;

- Review and approval of this Plan of Operations by ADNR, including a multi-state agency review.
- Maintain a current EPA-compliant Tier 1 Spill Prevention Control and Countermeasure (SPCC) Plan for their fueling operations, that meets all the requirements of 40 CFR part 112.7.
- Temporary Water Use Authorizations
- ADF&G Title 16 permits for water withdrawal sites

The regulatory basis for this list of authorizations and plans is described below;

2.1 STATE OF ALASKA REGULATIONS

2.1.1 PLAN OF OPERATIONS REGULATIONS

All the lands (surface and subsurface estates) included in this Plan of Operations are State of Alaska lands. Per 11 AAC 86.150 a person intending to conduct mineral exploration or development activities that would require a land use permit may file a plan of operations for approval instead of applying for a land use permit. WAC&G is filing this Plan of Operations as part of its obligations under Upland Mining Lease ADL#422236.

The requirements for a Plan of Operations are defined in 11 AAC 86.800. This Plan is written to meet all the applicable requirements for a Plan of Operations defined under 11 AAC 86.800.

2.1.2 TEMPORARY WATER USE AUTHORIZATIONS

WAC&G will require water to complete the drilling described in this Plan. It will withdraw water from natural sources including streams, ponds or wells for this purpose. WAC&G anticipates using water in volumes that will require authorization from the ADNR-Water Section under 11 AAC 93.035 and 11 AAC 93.220. Prior Temporary Water Use Authorization (TWUA) on the lands included in this Plan will expire at year-end 2023. As a result, WAC&G will be applying for new TWUA's prior to withdrawing any water for activities approved under this Plan of Operations. It has included the request for temporary water use in its recent APMA#9831 renewal application as the use of these waters overlaps use on WAC&G mining claims and lease areas.

2.1.3 ADF&G TITLE 16 PERMITS

Alaska Statute AS 16.05.841 requires ADF&G authorization for in-stream activities in fish-bearing streams including water withdrawal for mineral exploration activities. WAC&G is in receipt of

ADF&G permit FH19-III-0116 Amendment 1 which expires December 31, 2028 authorizing in-stream activities with stipulations and terms.

2.1.4 RECLAMATION BONDING REGULATIONS

The activities proposed in this Plan are limited to surface disturbing activities that will require conventional reclamation including recontouring, replacement of the organic material including woody debris and reseeded. WAC&G intends to keep surface disturbance under 5 acres at all times and therefore is exempt as a small miner from bonding requirements. Should it become necessary to disturb more than 5 acres at any one-time WAC&G will contact ADNR-Mining and likely participate in the Statewide Bond Pool for the purpose of meeting any reclamation bonding requirements.

2.1.5 CAMP PERMITS

WAC&G manages its camp wastes under the Solid Waste Statewide General Permit for Remote Camps and Lodges. ADEC has assigned permit number SWGPCAMP-28 to the current permit which expires on January 31, 2028. The permit authorizes the disposal of camp wastes, including incinerating certain wastes, disposal of inert solid wastes and domestic solid wastes under authority of AS46.03 and 18 AAC60.

2.2 FEDERAL GOVERNMENT REGULATIONS

2.2.1 WATERS OF THE US, INCLUDING WETLANDS

All the surface disturbances proposed in this Plan of Operations will occur on uplands. No dredge or fill of wetlands is being proposed. However, WAC&G have completed preliminary wetlands delineation and will monitor exploration plans relative to the known extent of wetlands and avoid wetlands wherever possible and comply with any requirements for authorization to dredge (trench) or fill wetlands in accordance with US Army Corp of Engineers (USACE) regulations including the possibility of operating under one or more USACE Nationwide Permits.

2.2.2 FUEL SPILL PREVENTION

Fuel spill prevention is regulated under EPA's Oil Spills Prevention and Preparedness Regulations under 40 CFR Part 112. WAC&G is already operating under an EPA-compliant Tier 1 Spill Prevention Control and Countermeasure (SPCC) Plan and will continue to do so. Under CFR 112.6 Tier I-qualified facilities must either: comply with the requirements of paragraph 112 (a)(3) of this section; or prepare and implement an SPCC Plan that meets all requirements of paragraph (b) of this section; or prepare and implement a plan meeting the general plan requirements in § 112.7 and applicable requirements in subparts B and C, including having the plan certified by a Professional Engineer as required under § 112.3(d)). Paragraph 112 (a)(3) lists the requirements that must be met in the SPCC plan and describes a template that may be used as the SPCC Plan, once completed, and certified by the facility owner.

2.2.3 MIGRATORY BIRD TREATY OF 1918 AND BALD EAGLE PROTECTION ACT

These acts have the objective of protecting migratory bird species. WAC&G will continue to integrate pre-disturbance surveys into their field programs to identify and avoid impacts to nesting Bald Eagles and other migratory birds.

3.0 DESCRIPTION OF OPERATIONS

WAC&G will continue exploration activities on its Illinois Creek upland mining lease over the next five years to further define the aerial extent and tenor of potentially economic precious and base metal mineralization. These activities will be similar to those activities completed from 2019 to 2023 under the APMA/MLUP F20199831 and will include trenching, geologic mapping, rock and soil sampling, aerial, ground, and downhole geophysics, and exploratory drilling. Additional activities include primitive road construction, continued use of authorized material sites for construction material and baseline environmental studies as described below.

For ease of discussion of technical information, the four priority exploration areas within the Illinois Creek lease area are designated as Target Areas as illustrated on Figure 3.

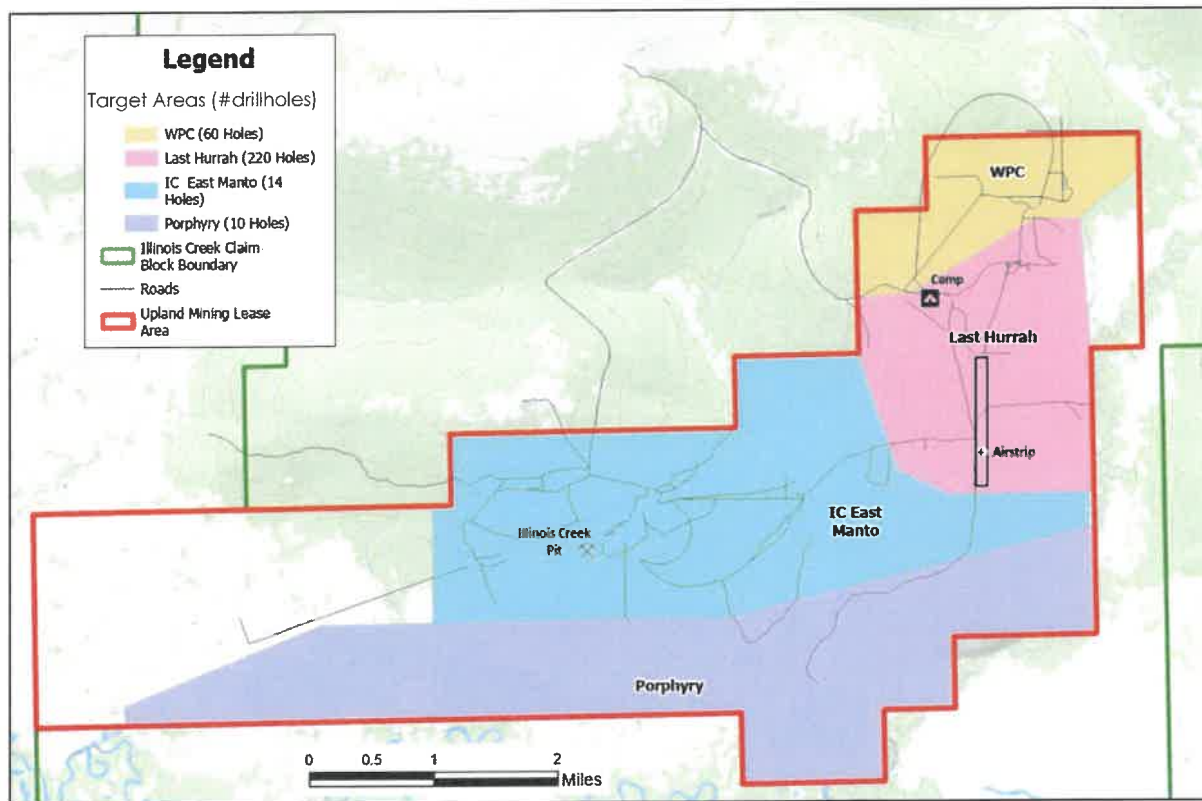


Figure 3 Priority Target Areas within the Illinois Creek Claim Block.

3.1 EXPLORATORY DRILLING

WAC&G plans to utilize up to 6 drill rigs concurrently to complete exploration drilling throughout the Illinois Creek lease area over the next five years. The Target Areas and approximate drill

footage totals in each Target Area are illustrated in Figure 3 and described below. Table 1 also provides an estimate of the number of drill holes anticipated for each of the Target Areas for the 5 year Plan Approval period (2024 through 2028).

The current drill fleet consists of two track-mounted Multipower HD rigs, two skid mounted Multipower B20 rigs, and one track mounted Multipower JKS-300 rig. Other drill rigs may be mobilized to site depending on drill needs and contractor availability, including alternative drilling technologies like reverse circulation or downhole hammer drilling. Drilling will generally take place between mid-May and the end of September, except that it may be scheduled between February and March where drill sites are on permafrost or otherwise persistently wet ground during the summer months.

The current drill fleet is either track or skid mounted. Dozer and/or excavator are required to clear primitive access trails to the drill site or use the existing trail system to move the drill to the sites. The drill site preparation will be completed by a dozer or excavator and consists of clearing any trees or brush and constructing a level pad roughly 40 feet (12 m) by 60 feet (18 m). Sumps will be constructed to capture and contain return drill water and cuttings. Concurrent reclamation (recontouring, reseeding and scattering organic material) will be performed during the drill program on exploration roads and drill pads to maintain disturbance to less than 5 acres.

Select drill sites will rely on a helicopter to move drill, personnel, fuel and other equipment in and out of the site. At these sites preparation will consist of clearing a nominal 50 by 50-foot (15 by 15 m) area by chainsaw and constructing a roughly 24 by 24-foot (8 by 8 m) timber pad using rough-cut dimensional lumber milled on site. Sumps for drill return water will be hand dug or a containment system using multiple settling tanks and/or centrifuge system will be employed.

The diamond drill holes will typically be collared HQ diameter and may reduce to NQ or BQTK depending on depth and hole conditions. Hole depths will vary from 200 feet (60 m) to 4,600 feet (1400 meters) in depth with the majority holes between 820 feet (250 m) and 1500 feet (450 m). More than one hole may be drilled from a single site.

Drill water will be withdrawn from a number of locations tentatively identified on Figure 3. All existing TWUA expire at year-end 2023 and applications to renew these withdrawal site and/or request additional sites are pending as part of PoO Approval effort. WACG also is in possession of an ADF&G permit for water withdrawals that expires in 2028.

In accordance with ADNR requirements, drill holes will be plugged with a 10 ft bentonite plug within the upper 20 feet of the hole. Reclamation of disturbed ground is performed with the goal of meeting performance standards identified in ADNR regulations and include recontouring and placing woody debris to discourage erosion and casting seed to encouraging short-term soil stability while native plants establish by natural recruitment around the site.

Return water will be managed to avoid any direct discharge to open water. Drill core will be transported back to the core logging facilities at Illinois Creek camp via surface vehicle or helicopter.

Core holes serve multiple purposes in that geotechnical logging of these holes provide useful rock mechanics data that can inform future mine studies and select sampling of mineralized intervals provides material for metallurgical testwork.

The drilling in the Waterpump Creek Target Area is focused on defining the extent and tenor of sulfide and oxide mineralized zones and providing geotechnical data and metallurgical core

samples for beneficiation testwork and future economic studies. WAC&G anticipate drilling up to 60 drillholes there over the 5 year term of the current permit cycle. As described below, hole collar coordinates have not been defined at this time.

Exploration drill holes in the Last Hurrah Target Area will be targeting the fault-offset continuation of the WPC mineralization. WAC&G anticipate drilling up to 220 drillholes there over the 5 year term of the current permit cycle.

Drilling in the Illinois Creek Target Area is targeting the down-dip extension of the Illinois Creek deposit that was mined from 1997 – 2002. WAC&G anticipate drilling up to 14 drill holes there over the 5 year permit term.

Deep drill holes are also planned for the Porphyry Target Area where the compounding evidence suggests there may be a buried porphyry target in that Target Area.

In total, WAC&G anticipate potentially drilling more than 300 drill holes over the 5 year term of the current permit cycle.

For each of the target areas, drill collars and hole orientations are generated in the field through an iterative process of interpreting all available data as it is generated. As a result, collar coordinates are not provided in this Plan, but WAC&G will provide as-built surveyed collar coordinates and other drillhole information for holes drilled that year in its annual reclamation report for the same year.

Table 1. Exploration Target Areas and Estimated Scope of Drilling

Target Area	# Holes	Avg Hole Depth (Meters)	Total Drilling Meters
Waterpump Creek	60	325	20,500
Last Hurrah	220	450	90,900
Illinois Creek	14	750	10,500
Porphyry	10	1,000	10,000
	304		140,900

3.2 SURFACE EXPLORATION

Throughout the 5-year permit term WAC&G will be performing surface exploration on the entire Property to include geologic mapping, and rock and soil sampling including some trenching as described below.

3.2.1 TRENCHING

WAC&G will excavate trenches in select areas with shallow overburden to expose bedrock for geologic mapping and geochemical sampling. WAC&G anticipates excavating up to 1600 feet (500 m) trenching over the 5-year permit period. WAC&G will utilize a Hitachi EX100 excavator or similar equipment to complete trenches up to 8 (2.5 m) feet deep and 6 feet (2 m) wide. Trenches will vary from 6 feet (2 m) to 100 feet (30m) long. The dozer or excavator will travel overland to the trench site without the need to develop a trail or roadbed. Trenches will be backfilled the same season they are excavated providing that the geochemical assays for trench rock samples are received that same field season. Otherwise, WAC&G reserves the option of leaving trenches open over one winter season to be closed the next field season, or longer if the trenches are required to remain open for illustrative reasons (ongoing geologic interpretations, examination by subject matter experts, other).

3.3 GEOPHYSICS

WAC&G will complete aerial and ground geophysical surveys over all of the claims over the next five years as well as limited downhole geophysics.

Aerial geophysical surveys will consist of fixed wing and/or helicopter-borne magnetic, radiometric, and electromagnetic surveys on 100 to 400m spacings. The aircraft and crew consisting of 1-2 pilots, mechanic, and 1-2 operators that will be based at the Illinois Creek camp. The aerial surveys will take place between early April through end of September and will be 1 to 4 weeks in duration depending on survey type and line spacing.

Ground geophysical surveys will consist of 3-D distributed array IP/resistivity surveys, gravity surveys, natural and controlled source magnetotelluric surveys (NSAMT and CSAMT), ground magnetic surveys, and pulse- or time-domain electromagnetic (PDEM and TDEM) surveys. These surveys will require minor line brushing of lines 1 to 6 km long and spaced 100 to 200 m apart to allow access for staff and equipment.

Downhole geophysical surveys will include PDEM or TDEM and physical property surveys in select drill holes. Occasionally drill holes will be left un-plugged to allow later access for these geophysical surveys. Geophysical programs and drilling programs will generally run concurrently.

3.4 ENVIRONMENTAL BASELINE PROGRAM

WAC&G has been performing several environmental monitoring, characterization, and mapping programs for the overall project area, since 2021. The broader effort has included surface water quality monitoring, aquatic life surveys, wetlands delineation and cultural resources surveys.

The data from these efforts contribute to a fundamental understanding of the natural environment in the overall project area, including a baseline of environmental conditions. They define an environmental backdrop that WAC&G can design around, and one against which WAC&G can detect changes, over time, including those that might be related to future project activities.

WAC&G intends to expand aspects of the baseline program during the 5 year term of the Plan to include including:

- Detailed wetlands and waters of the US delineation
- Groundwater quality monitoring
- Cultural Resources
- Meteorological monitoring

3.5 ROAD CONSTRUCTION

WAC&G has developed a number of primitive roads to accommodate access to target areas and drill sites. These are in addition to the roads that were established by prior operators. WAC&G anticipates developing approximately 22 miles (35 km) of additional primitive road over the next 5 year permit cycle. Primitive roads are only developed to the extent necessary to accommodate the specific needs of moving drills and pickup truck traffic for moving staff and supplies. Three material sites are authorized under AS 38.05 ADL#422096 to allow removal of up to 150 cubic yards of construction material for road construction. These construction materials are generally used on a limited basis to fill low-lying, muddy sections of the primitive roads.

3.6 CAMP FACILITIES AND MOBILE EQUIPMENT LIST

All project personnel are based in a camp located on the Property with road access to the airstrip. The camp is part of a pre-existing trailer camp originally constructed by a previous operator. It consists of 4 buildings that can accommodate up to 40 people plus a kitchen, dining hall and rec room. In addition, WAC&G has constructed 6 "sleepers" which are non-permanent cabins to house additional staff and contractors. All camp construction to date was previously approved under APMA #9831 prior to conversion of the claims to Upland Mining Lease ADL#422236.

Potable water is obtained from a well. WAC&G has applied for water rights to the well. Power for the camp is provided by a diesel generator.

The larger camp area also includes core logging and cutting facilities.

WAC&G has operated the camp to date with an average occupancy of less than 24 people and this is anticipated to remain the case going forward. If the camp population exceeds that average WAC&G will obtain any additional permits required to operate a larger camp.

WAC&G maintains a small fleet of mobile equipment and drills to support exploration on the Property including the equipment listed in Table 2.

3.7 FUEL MANAGEMENT

The project relies on gasoline, 100 low lead aviation fuel, diesel, and jet A fuel to complete its work. All fuel is flown to site by fixed-wing aircraft (DC-3, DC-6, C46, or Airtractor) and stored in either 1,000 gallon (2), 2,000 gallon (1), or 5,000 gallon (2) tanks at the airstrip. The 5,000 tanks are double walled, and the smaller tanks are in lined secondary containment with storage capacity greater than 110% of that of the tanks. A fire and spill response closet is located adjacent to the storage tanks. 55-gallon fuel drums are stored within a Conex at the airstrip and within a lined 10-foot by 10-foot containment area at camp. Equipment is fueled at the fuel storage tanks or transferred to a 110-gallon transfer tank mounted in a pick-up truck bed and fueled in the field. WAM utilizes several 110-gallon double-walled fly tanks at the helicopter pad, water supply pump, at the drill sites. Spill kits are stored at all fuel storage sites and within vehicles used for refueling. Absorbents are used during routine refueling and duck ponds are placed under fuel hose connections and other possible drip sources. WAM has a current SPCC plan at site.

Annual fuel consumption will vary depending on the scope of seasonal exploration programs but will likely fall within these ranges for these fuels as described in Table 3.

Table 3. Anticipated Annual Fuel Consumption

Fuel Type	Low Range (gallons)	High Range (gallons)	Average Total (gallons)
Diesel	15,000	90,000	25,000
Jet A	0	20,000	3,000
100 Low-Lead	3,000	4,500	6,000
Gasoline Auto	3,000	4,500	6,000

3.8 MINIMIZING DETRIMENTAL EFFECTS ON FISH AND WILDLIFE AND THEIR HABITATS

WAC&G will execute the proposed work in this Plan with an emphasis on avoiding or minimizing the effects of that work on fish and other wildlife. All stream crossing in fish-bearing streams will be pre-approved by ADF&G. WAC&G will minimize land clearing activities during sensitive migratory bird nesting seasons or execute bird nest surveys in advance of any land clearing activities with the intent of avoiding nests. WAC&G has a no-hunting policy for employees on the overall project lands. WAC&G will adhere to best practices in all of its activities to avoid contamination of surface waters by fuels, drilling additives or other substances.

3.9 SCHEDULE

WAC&G's tentative schedule for the Plan's 5 year term is presented in Table 4 below. The schedule is subject to change due to variability in funding, contractor availability and weather.

Table 4. Tentative Project Schedule

Activity	2024	2025	2026	2027	2028
Primitive Road Construction	Y	Y	Y	Y	Y
Drilling	Y	Y	Y	Y	Y
Geophysical Surveys	Y	Y	Y	Y	Y
Trenching	Y	Y	Y	Y	Y
Surface Exploration	Y	Y	Y	Y	Y
Reclamation	Y	Y	Y	Y	Y

APPENDIX/DIVIDER TITLE

Appendix A MAP SHOWING UPLAND MINING LEASE AREA AND THE CONVERTED STATE MINING CLAIMS.

Active State of Alaska Mining Claims

Upland Mining
Lease ADL#422236

(obsolete
converted mining
claim ADL #'s)

