STATE OF ALASKA
2025
Application for Permits to Mine in Alaska (APMA)

☐ Single Year ____ ☒ Multi-year Start: 2026 Finish: 2035 APMA Number (A/F/J,Year,****) 3041

What type activity are you planning to perform? *REQUIRED (1)

- ☐ Suction Dredging/Reclamation
- ☐ Reclamation Only
- ☒ Placer Mining/ Reclamation
- ☐ Access
- ☐ Hardrock Exploration/ Reclamation

Surface estate of mineral properties: *REQUIRED (2)

- ☒ State (General)
- ☐ State (Mental Health)
- ☐ Federal
- ☐ Private
- ☐ City or Borough

(3)
Check All That Apply: ☒ Mineral Property Owner ☐ Lessee ☒ Operator *Required
Name: Douglas C Schuman
Primary Phone Number: 907 590-0799
Address: 1211 Warren St
Fairbanks AK 99701
Secondary Phone Number:
Email: doudshoeman@yahoo.com
Click here for the Department of Commerce Link
Alaska Business/Corporation Entity#____ Registered Agent (Corp./LLC/LP)____

(4)
Check All That Apply: ☒ Mineral Property Owner ☐ Lessee ☒ Operator *Required
Name: Aleksandar Ilic
Primary Phone Number: 907/350-7242
Address: 3057 VFW St
North Pole, AK, 99705
Secondary Phone Number:
Email: aleksandarilic1@icloud.com
Alaska Business/Corporation Entity#____ Registered Agent (Corp./LLC/LP)____

(5)
Check All That Apply: ☐ Mineral Property Owner ☐ Lessee ☐ Operator *Required
Name:
Primary Phone Number:
Address:
Secondary Phone Number:
Email:
Alaska Business/Corporation Entity#____ Registered Agent (Corp./LLC/LP)____

(6)
Check All That Apply: ☐ Mineral Property Owner ☐ Lessee ☐ Operator *Required
Name:
Primary Phone Number:
Address:
Secondary Phone Number:
Email:
Attach a separate sheet for additional contacts
Alaska Business/Corporation Entity#____ Registered Agent (Corp./LLC/LP)____

Project Name If Applicable: (7)	Average Number of Workers: *REQUIRED (8)	Start-Up/Shut Down: (Month/Day) (9)
	8	June 1 to Sept 15

Mining District: *REQUIRED (10)	Applicable USGS Map(s): *REQUIRED (11)	On What Stream Is This Activity? (12)
Valdez Creek	Healy A1	Grog Creek

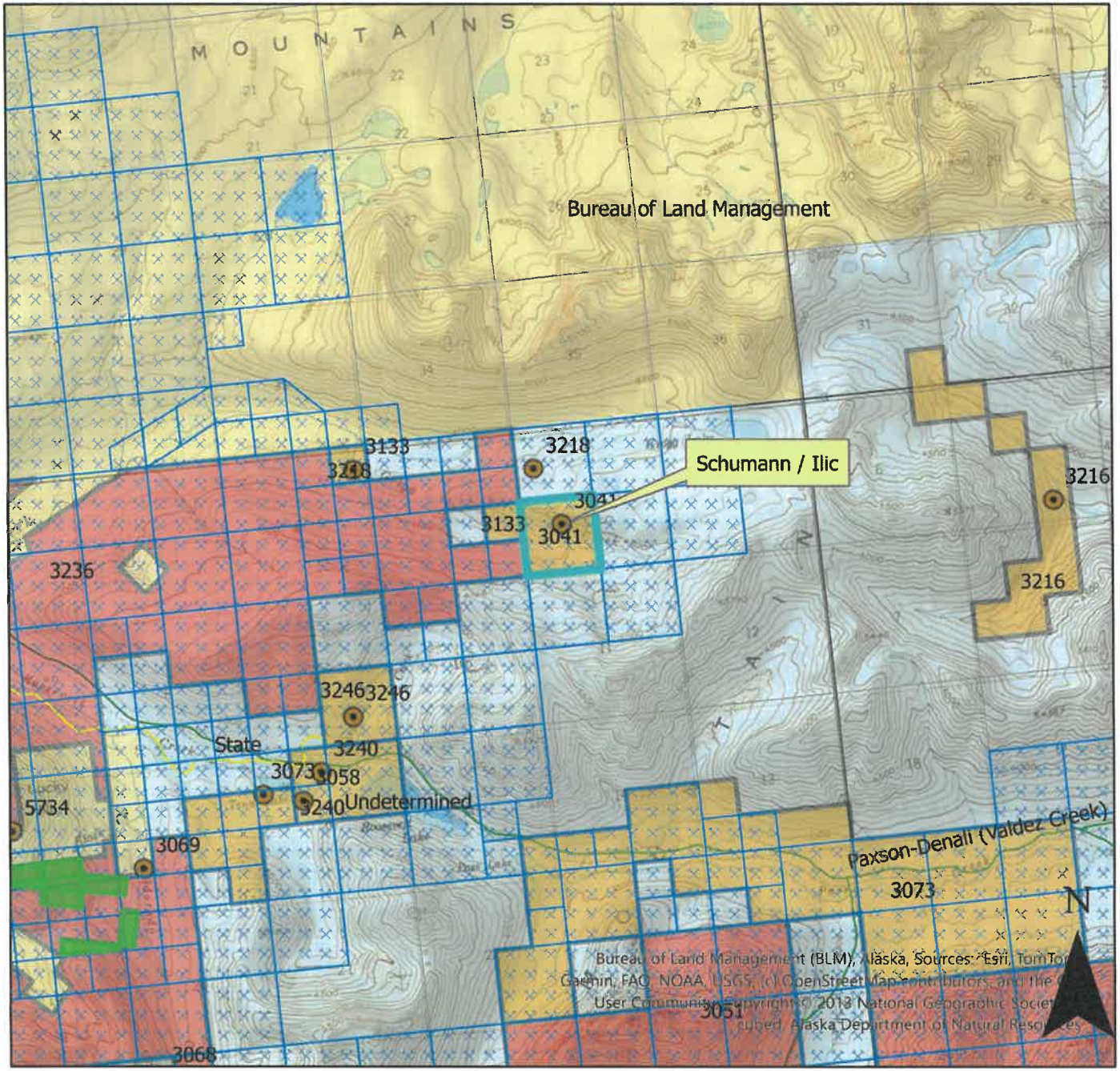
Legal Description of mineral properties to be worked (MTRS) *REQUIRED (13)
Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21

F 020S 003E Sec 02

Internal Use Only:
State of Alaska
Natural Resources
FEB 04 2026
Mining Section
RECEIVED

Internal Use Only:
Date Application Received Complete:____ Adjudicator:____ LAS Entry:____
Sec 3 CID: 69986 Sec 4 CID: 69987 Sec 5 CID:____ Sec 6 CID:____

APMA 3041 Active Area



This map was created on 5/15/2026 by the Alaska Department of Natural resources as a courtesy to supplement the application received. This map displays a graphical illustration only. Source documents remain the official record.

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Scale: 1:63,360

Legend

- APMA_Type
- APMA_Project
  - Mechanical Placer Mining
  - Hardrock Exploration
  - Township
  - Section
- RS2477 - Line
  - Section
  - Township
  - Section
  - Township
  - Section
  - Township
- Section
  - Section
- Township
  - Township
  - Section
  - Township
  - State Mining Claim Active
- Access Route

0 0.75 1.5 Miles

Center: 147°7'28"W 63°12'25"N

MV_ST_MINING

Source: Alaska Department of Natural Resources, Information Resource Managment

Case ID	Case Status Description	Case Type Description	Claim Name	Customer Name	Notepost Date	Special Code Description	Total Acres
ADL 553315	Active (35)	Mining Claim (713)	# 22	Schuman Doug	10-SEP-06	Mining Claim (MC)	160

END OF REPORT

Report Information

Source ID	60
Source Name	MV_ST_MINING
Source Description	
Run Date and Time	05/15/2026 11:48:55 AKDT
Record Count	1

SQL Statement

CASE_ID,CASE_STATUS,CASE_STATUS_DESCRIPTI

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.	553315	Fort Knox #22	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.

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Check One: Located on the claim block?	Check One: Transporting to claim block?
1.	Bobcat 50 Excavator	1		1
2.	Kobelco 750 TLC Backhoe rubber tire	1		1
3.	Ford F350	2		2
4.	Ford F250	2		2
5.	Honda 3 wheeler & 4 wheeler	3		3
6.	2 Snow machines	2		2
7.	Tromell	2		2
8.	Shaker Plant	2		2

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: Denali Hyw

☐ 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 Improvments or Construction Proposed ☒

Equipment List Continued

Honda generatars 2200 wat 5

Sams club generatar 5 kw

2 Trailers Flatbed & car trailer

Water Pumps

2 - Six inch

2 4" Honda

1 1" honda

1 3" honda

1 2" honda

1 drill rig CME 45B on (Bom adeer) Mushog carrior 5K auger

Ford F550 dump Truck 11000 lb

15 kw Generator 3500 lb

2 Pan American Gold Jigs 42" 2000 lb

1 24" Gold Jig 500 Lb

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:

NA

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:

Douglas C Schumann Alex Ilic

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

Truck + Trailer 6K 3K
Bobcat 10K
Back-loader 18K
Trommel 2-3K
Small shaker 2-3K

State the average total miles traveled in one round trip: 30. State the number of trips proposed: 20.

State the start and end date(s) or period(s) of proposed travel: June 1 Sept 15.

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:

250 gallons

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

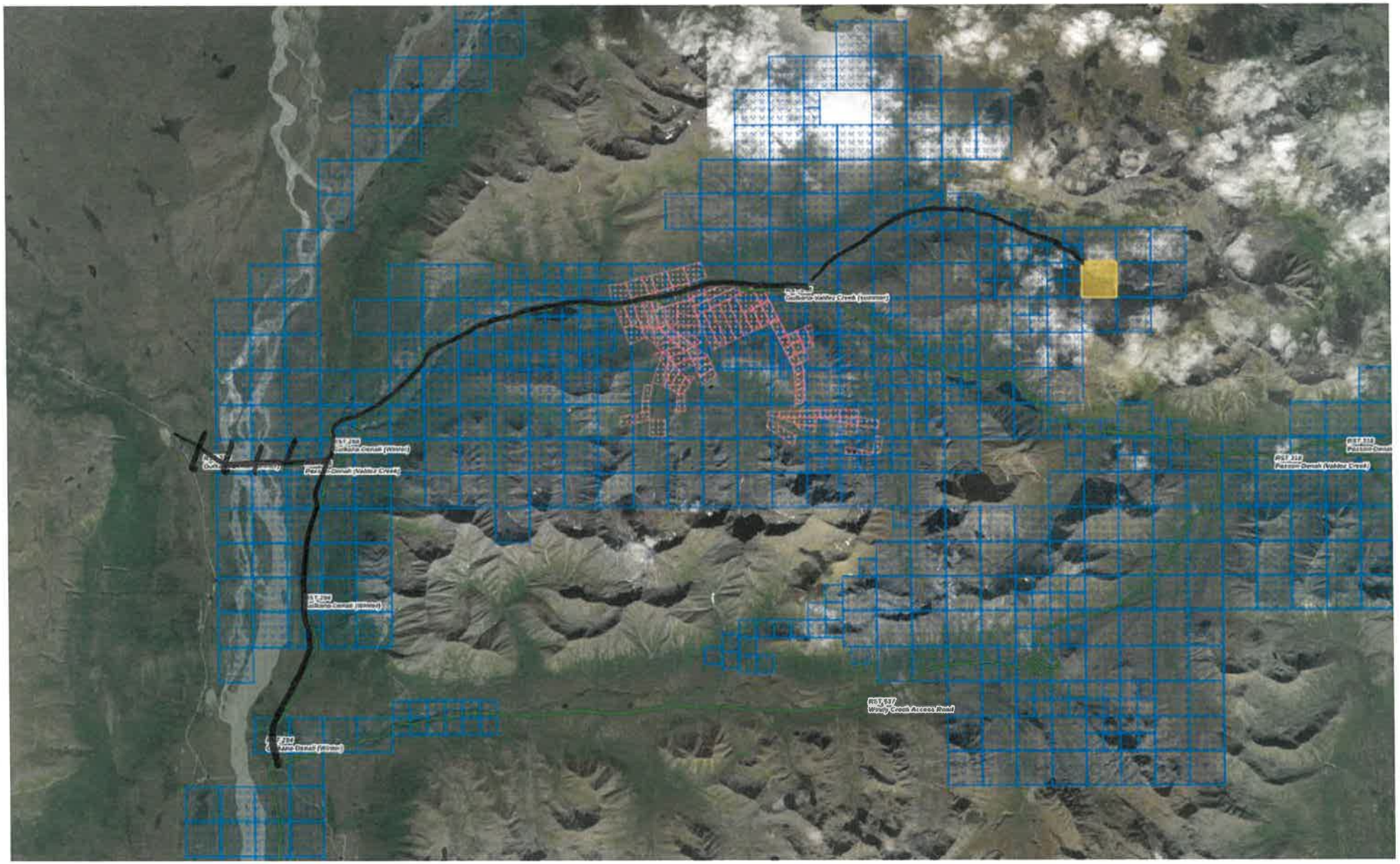
Motor oil Hydrolic Oil grease

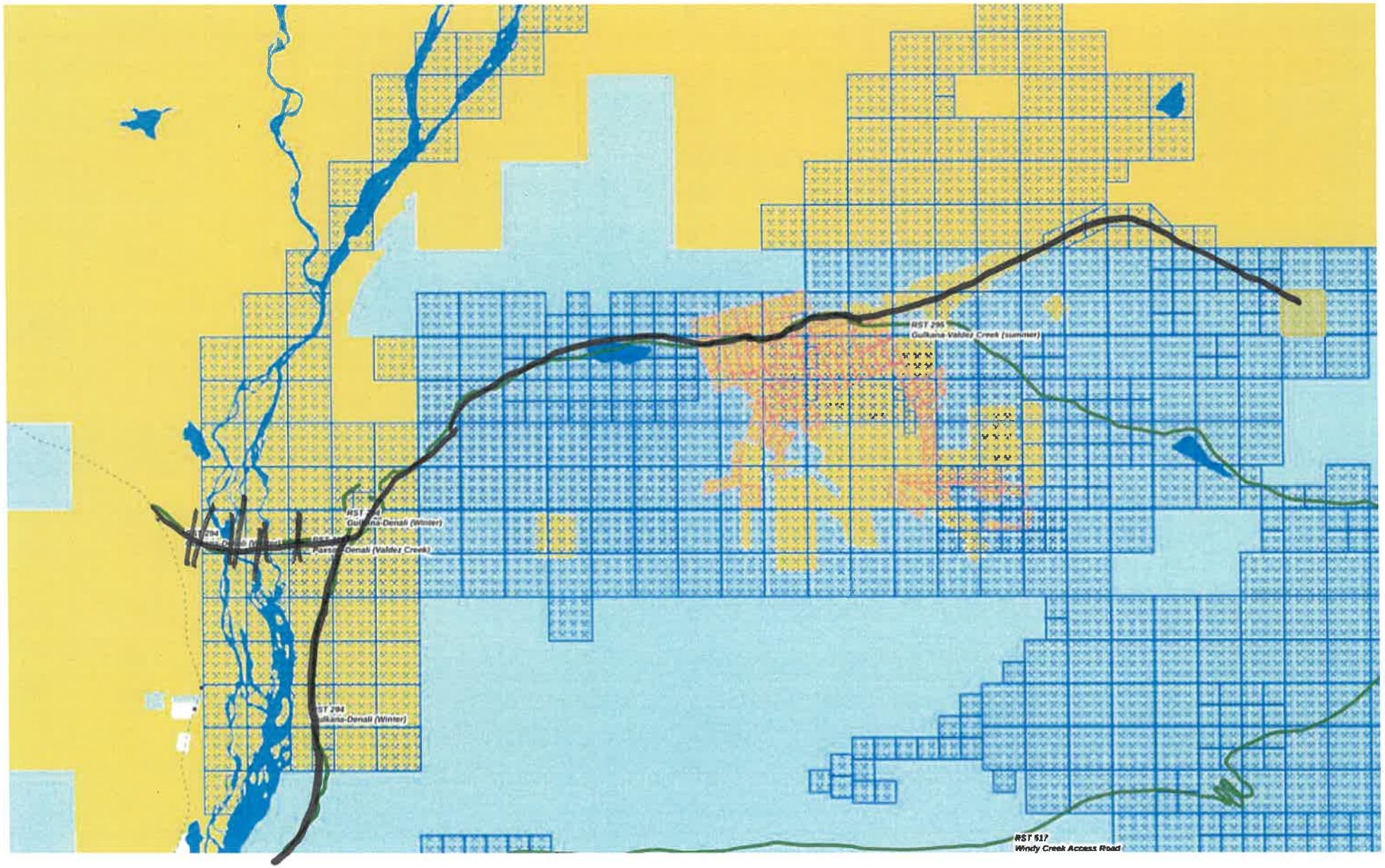
How are petroleum products contained? (i.e., drums, bladders, steel tanks, etc.) Indicate size of containers:

Tank in Truck drums plastic buckets

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

Pick up Truck / Car Trailer


RST 237
Windy Creek Access Road


RST 295
Gulkana-Valdez Creek (summer)
RST 294
Gulkana-Denali (Winter)
RST 517
Windy Creek Access Road

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:

Sorbin Pads

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.epa.gov/oil-spills-prevention-and-preparedness-regulations/tier-i-qualified-facility-spcc-plan-template.

☐ 10,000+ gallons of total storage (count only containers with 55 gallons or greater storage capacity). An SPCC certified by a professional engineer is required and applies to all oil products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil.

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

Is waste oil stored on the project site? ☒ Yes ☐ No If Yes, describe quantity and storage modality: 5 gallon plastic bucket at camp

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

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

TEMPORARY STRUCTURES/FACILITIES

(18)

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

If "No", Please explain: ___

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: 200 Length (feet) 200 Width (feet).

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

☐ Year-Round ☐ Seasonal, from Approx. ___ to ___, annually.

☒ Request to place **new** temporary structures, list ADL(s): 553315

☒ Year-Round ☒ Seasonal, from Approx. June 1 to Sept 15, 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	3		Sleeping	8-16	8-16	8 X12
Tent	2		Cooking/Sleeping	12x16	8x10	
Trailer	2		Sleeping	8-14	8x10	
Platforms						
Out-Buildings	1		Out house	4x4		
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): 5 gallon bucket plastic bag dig a hole and cop with lime when nessasary

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.

haul off in plastic Trash bags to dumpster site public dumpster

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: over 100' 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.

after Ten years remove with Car trailers

MINING METHOD (19)

☒ Mechanical Placer Mining (e.g., terrestrial open-cut operations with dozer or excavator, etc.)
Estimated cubic yards processed annually: 5000 yards
☐ 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 ☐ / No ☐		Yes ☐ No ☐		Yes ☐ / No ☐	
Vessel Registration # / State	#:	State:	#:	State:	#:	State:

Location:
☐ Offshore / Salt Water
☐ Stream
☒ Mine cut isolated from stream
☐ Pond connected to stream
☐ Pond isolated from stream

PLACER EXPLORATION DRILLING AND TEST PITS (20)

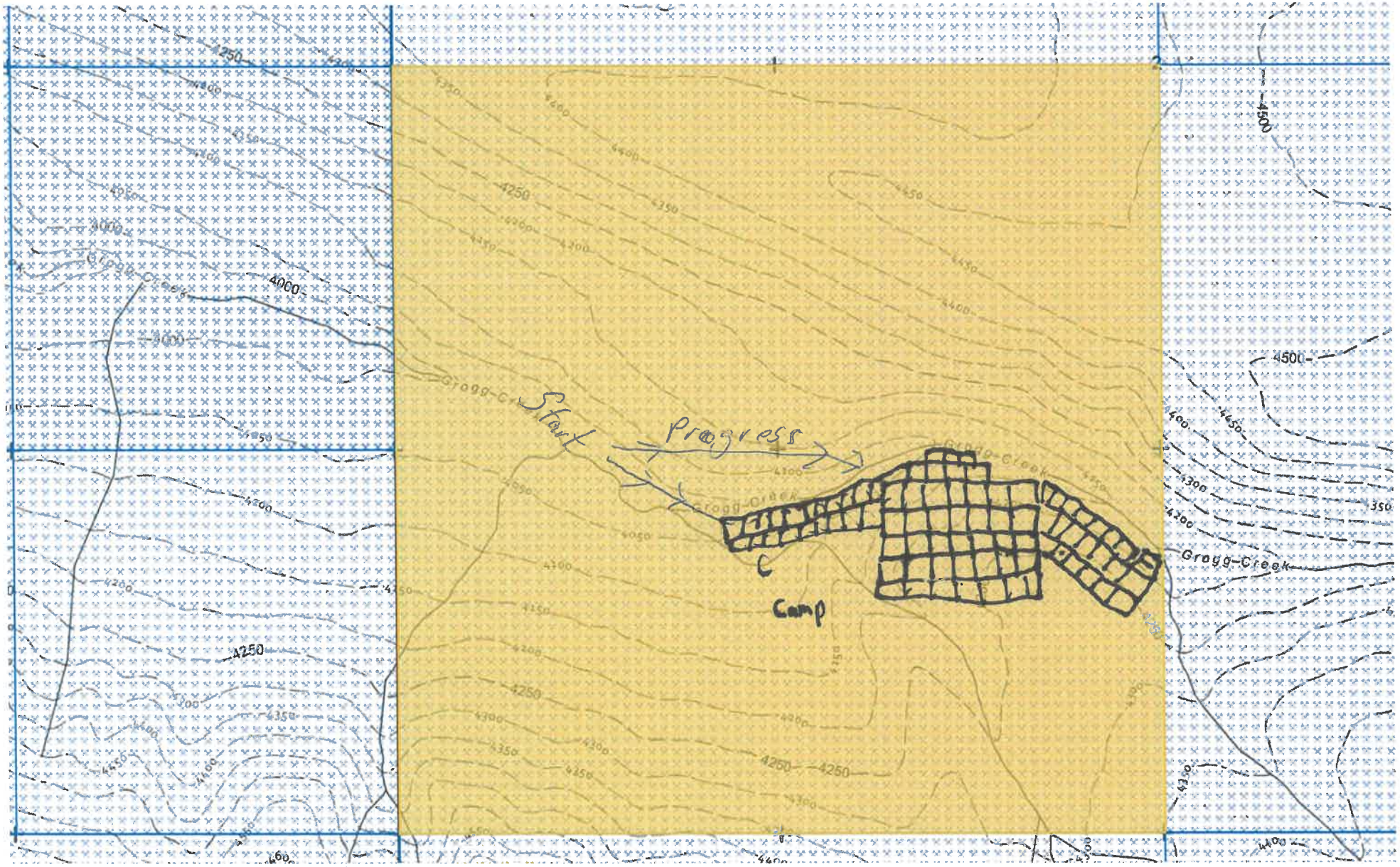
Please provide topographic maps showing drilling and/or test pit locations that corresponds with the table below. Maps should (at minimum) have labeled Mineral Properties and labeled locations of proposed activities. Methodology and reclamation of exploration activities must be described in the placer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

Test Pits: ☒ **Yes** ☐ **No**
Estimated number of pits to be excavated: 100. How long will the test pit be open if not converted into an active mine cut? 3 days.
Average Size: Length: 10 Ft. Width: 3 Ft. Depth: 15 Ft.

Placer Drilling: ☒ **Yes** ☐ **No**
Total number of holes to be drilled: 10 Type of drill(s) used: auger

Drilling and Test Pit Identification and Mineral Property Information	
Trench/Hole ID on Map	ADL/BLM/USMS NUMBER
1-100	553315
1-10	553315

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


Start
Progress
Camp
Grogg-Creek
4250
4300
4350
4400
4450
4500
4000

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 125 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:

Trucks, pumps

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.	Grogg Creek	63.2119 N	147.2433W	F2053E S6	X		
2.	Windy Creek	63.1137N	147.508 W	F02 1S001E S6	Xing		
3.	Fourthof July Creek	63.1583N	147.4870W	F0205001E S26	Xing		
4.	Valdez Creek	63.2014N	147.3503W	F2052E S4	Xing		
5.	Valdez Creek	63.2014N	147.3484W	F2052E S4	Xing		

If in-stream activities and/or stream crossings are requested at more than 5 locations, please provide tabular data format.

Valdez Creek	63.2014N	147. 3457W	F20S 2E S5	Xing
Roosevelt Creek	63 2043N	147. 2614W	F 20S 2E S1	Xing
Grogg Creek	63.2146N	147. 2342W	F 20S 3E S6	Xing
Grogg Creek	63 2155N	147. 2336W	F 20S 3E S6	Xing
Grogg Creek	63 2162N	147. 2271W	F 20S 3E S5	Xing
Grogg Creek	63 2176N	147. 2172W	F (19 ~~20~~) S 3E S32	Xing
Grogg Creek	63 2199N	147 2103W	F 19S 3E S 32	Xing
No name	63 2217N	147 1866W	F 19S 3E S 33	Xing
Grogg Creek	63 2212N	147 1763W	F 19S 3E S 33	Xing
Grogg Creek	63 2200N	147. 1680W	F 19S 3E S 33	Xing
No name	63.2069N	147 1289W	F 20S 3E S 2	Water intake

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)? June Sept 30

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 X Make-Up X
1. Grogg Creek	F	2S	3E	2	Start-Up ☒ Make-Up ☒
	Latitude: 632069N			Longitude: 1471289W	
2. Ground Water	F	2S	3E	2	Start-Up ☒ Make-Up ☒
	Latitude: 63.2069N			Longitude: 147.1289W	
3.					Start-Up ☐ Make-Up ☐
	Latitude:			Longitude:	
4.					Start-Up ☐ Make-Up ☐
	Latitude:			Longitude:	
5.					Start-Up ☐ Make-Up ☐
	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. Grogg		852 gpm	1	8	25
2.					
3.					
4.					
5.					

C. Recycle/Settling Pond System

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.

Withdrawal Rate (gpm/pump)	**Number of Pumps**	**Hours per Day**	**Days per Month**	**Additional Notes:**
500	3	8	25	

Pond # 1: L: 50 ft W: 50 ft D: 10 ft

Pond # 2: L: 50 ft W: 50 ft D: 10 ft

Pond # 3: L: ___ ft W: ___ ft D: ___ ft

Pond # 4: L: ___ ft W: ___ ft D: ___ ft

D. Camp Water Uses

Provide information on camp water uses. If an ADEC public drinking water system is used, please attach certificate to operate and/or associated documents.

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.
8	50	1	3	30	Grogg Creek

Additional Notes:

WATER USE AUTHORIZATIONS CONTINUED

(24)

E. Exploration Activities 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.	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.

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)

Pursuent 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 developement 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 ares of timber to be cleared.

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

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

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


Stream
Reach for
Pump

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: groggy

Approximate coordinates of mine site:

Latitude: 63.2069N Longitude: 147.1289 W

Source (e.g., DNR - Alaska Mapper): 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: Douglas Carl Schum

Responsible Party Name (First Last, Position) - Printed: Douglas Carl Schumann

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: 63.2069 N Longitude: -147.1289 W

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

Douglas Carl Schumann Douglas C Schumann 2-3-26

Print Name Signature Date

STREAM DIVERSION AND CULVERTS (28)

A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED: The map MUST show the entire length of the diversion (i.e., where the water is diverted from the natural stream channel to where it returns to the natural stream channel) with start and end locations clearly marked. Pending on the scale of the proposed diversion, additional maps, construction details, and a stream reclamation plan may be requested in addition to this section after initial review. Operations on BLM lands that are proposing a stream diversion are encouraged to contact their local field office as early as possible in the permitting process due to additional requirements. **Contact ADF&G, Habitat Section for Fish Habitat Permitting information regarding diversion requirements.**

Please note: A stream diversion structure may also qualify as a dam and be subject to the Alaska Department of Natural Resources Dam Safety Program per definitions provided in AS 46.17.900(3). If you require further regulatory guidance regarding dams, please contact our Dam Safety and Construction Unit, Dam Safety Engineer at (907) 269-8636, or for more information go to the Alaska Dam Safety Program website at: http://dnr.alaska.gov/mlw/water/dams/

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

Stream Name:_____

☐ Existing (Date Constructed_____) ☐ To Be Constructed (Date_____)

Diversion Start/upstream Location (Lat/Long)_____

Diversion End/Downstream Location (Lat/Long)_____

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

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

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

Dimensions of existing stream in diversion area:

Length _____(ft) Top Width___(ft) Bottom Width___(ft) Depth ___(ft) Floodplain Width_____(ft)

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

Dimensions of proposed diversion:

Length_____(ft) Top Width___(ft) Bottom Width___(ft) Depth___(ft) Floodplain Width_____(ft)

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

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

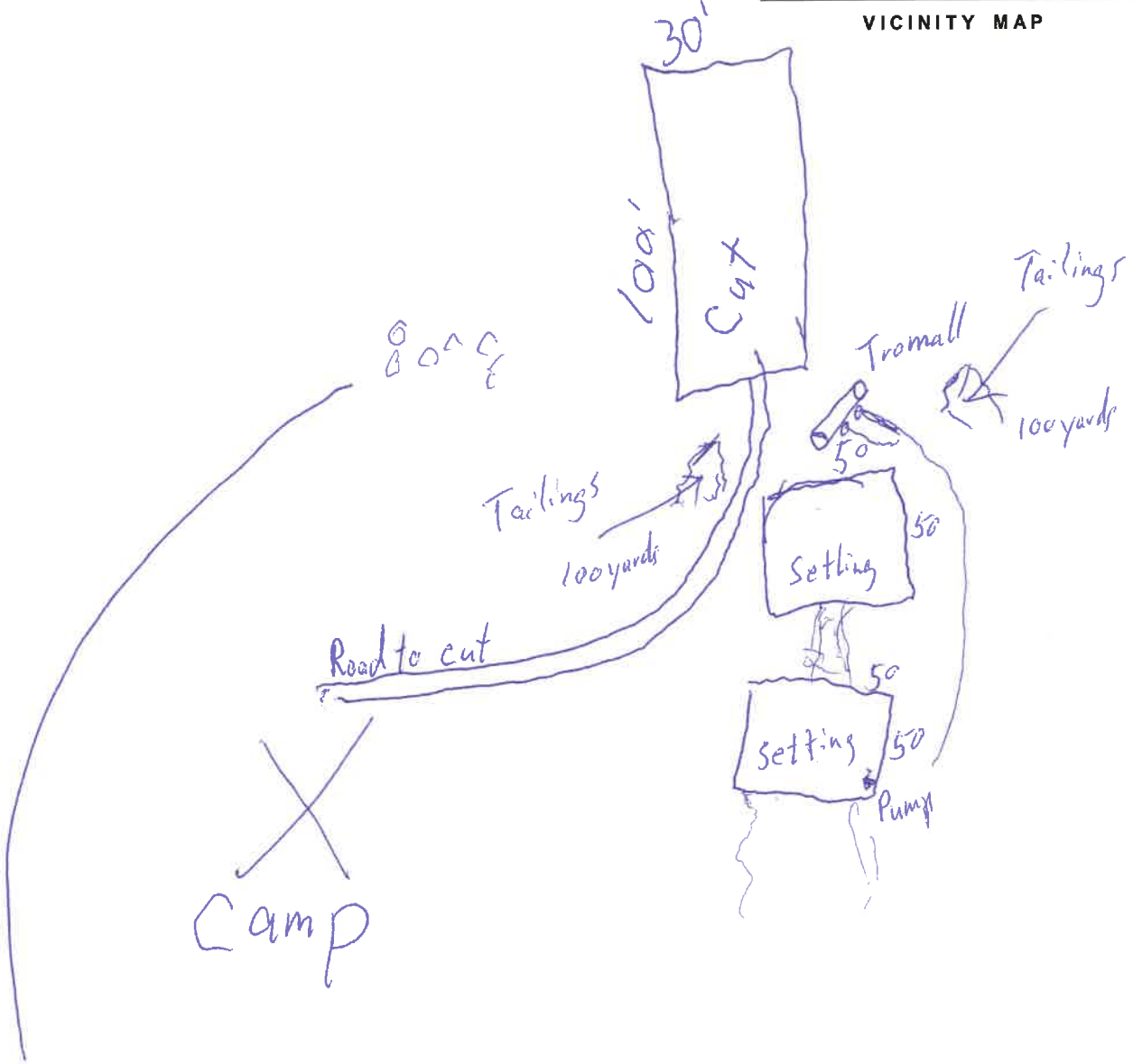
1.) Step by Step Procedures
2.) Construction Techniques
3.) Reclamation Techniques
4.) Timelines

Are culverts being installed in any natural water-body or diversion structures? Yes/No _____
If yes include culvert locations, sizes and length on a map or table.

PLAN MAP OF OPERATION *REQUIRED

(29)

VICINITY MAP



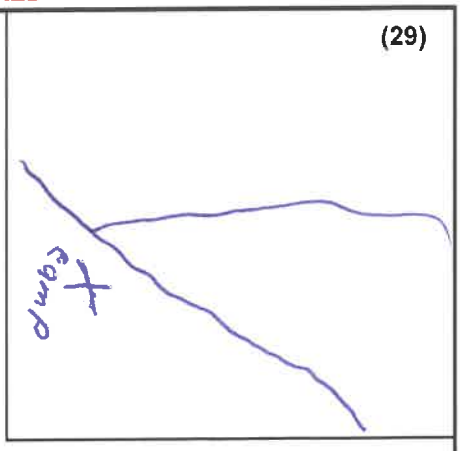
APMA #	ADLs: 553315

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

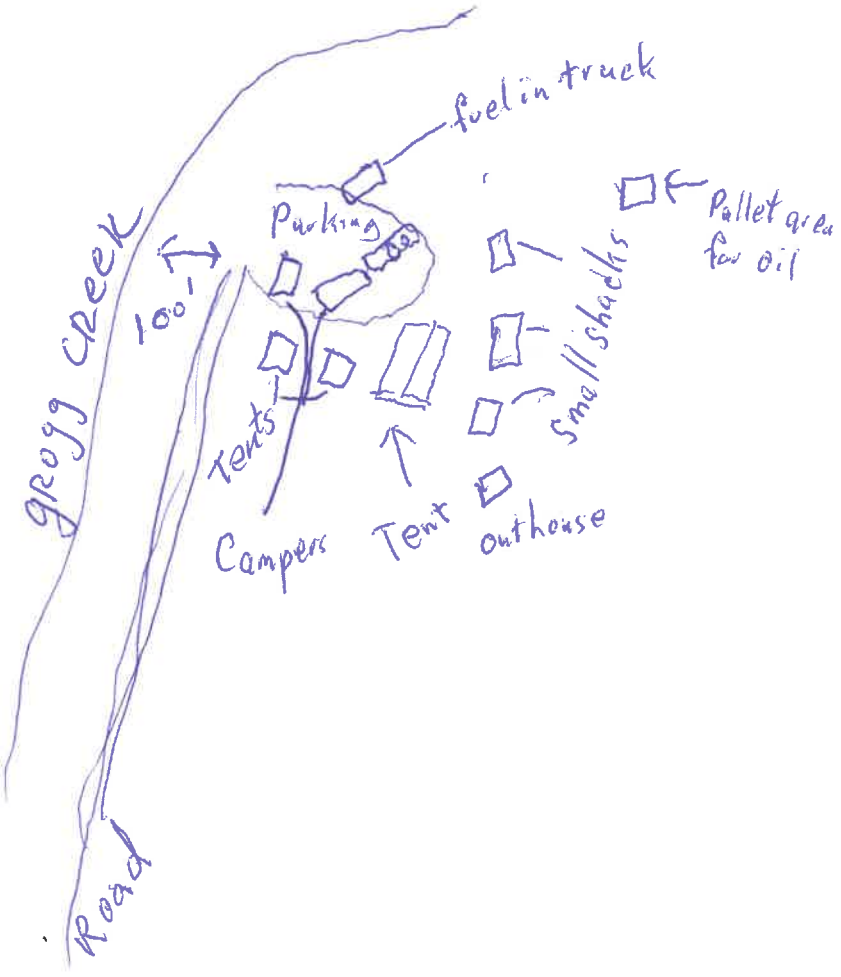
PLAN MAP OF OPERATION *REQUIRED

Camp

(29)



VICINITY MAP



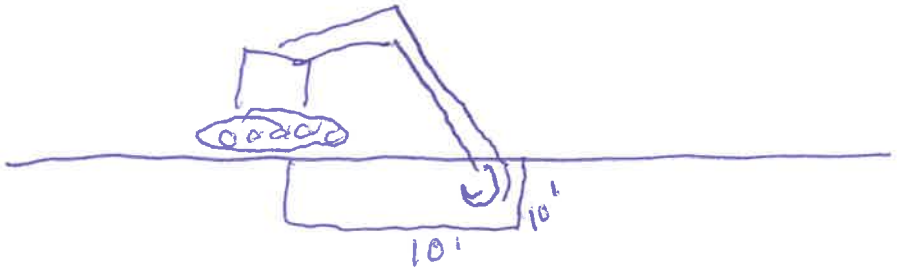
APMA #	ADLs: 553315

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

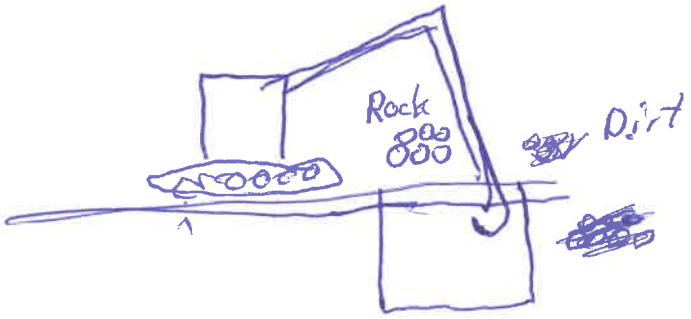
Test Pits

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:

See Attached Pages

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:

Narrative access & Housing

We will be seeking authorization to cross BLM Land to access mining claim #553315 to set up camp (100' plus) from Grogg Creek the small plywood shacks will be brought in on car trailer it will take multiple trips from Fairbanks first Trucks with Snow machines then trucks with car trailer & one Shacks & bring in Bobcat 50 excavator we possibly may have to unload small excavator & walk it in & also the backhoe loader rubbe tire

It will take time & multiple trips Do Testing at first if positive for good pay then continue to bring more out

Test hole could be fill back in if tests are negative

Narrative
Mining Method

Test Pits

Start by digging 10' Test hole pan for gold

Test Pits Start by the camp progress East
Ill be digging a 10' hole with exavator putting rocks
and soil in sepavate pile to properly fasilatate reclemation
if we find gold (enough) the we open up pit larger
to the cut 30' x 100' & begin placer mining production
if test pit is negative then we proceed to reclaim it
testing at the bottom of test pit will be accomplished
by panning

Production Mining

Through work with loader backhoe rubber tire for digging
& dilevring Pay gravel to trommel to be fed with Bobcat 50
excavator possibly use the small dump truck first use
excavator 50 & Backhoe to create two settling ponds
to deliver water to tromell, material from two ponds
will be used to make burm around pond if nessasary
if not pile next to pond, there will be two tailing
Piles one for fines retrived from first pond & coarser from
end of Tromell Barrel this material can be used for reclamation
of Pit if nessasary tailing with also be used for surfaced
improvements on trails & roads on claims, pond two settling ponds
will be used because the cleaner water in the second
Pond is used to feed water to the Trommel wich

(continued next Page

Narrative

Two Ponds will be conmeted by a small open channel, channel is shallower than the Ponds I believe it is possible to build a small funnel type diveting from the creek flowing out of mountain to a 4" flexable water pipe for all the needs of the operation & the camp Reclamation: The gravel gets pushed back in ponds & pit when mining complete in order of coarse at deeper levels & fines at shallow levels however pit may be partaly contoured to slope downward for natural drainage

Drilling if neasary will be done at mapped test area & holes will be filled in Test trenches will be filled it when determine low pay done with excavater coarse gravel at deeper level dirt on top layer

Camp will be reclaimed by removeing building at supplies & equipment fill in outhouse hole smothe campsite with excavator Blade & Looder bucket

Narrative Water Managment

Water uses: washing gravel & Camp uses

Source of water is from Gregg Creek

washing the gravel with probly take 200-400 gpm while running the tromell probly max 5 hours perday

Suface water managment build a burm to devert the water away from working pit at the top end above pit water diverts back to undesterbed ground

fuel storage: 55 gal drums near camp more than 100' from flowing water Sorbant pads will be used & drip pans if nessasary for fueling if spill acures it will be addvesed with sorbant Pads & kitty little & Trash bags any contaminated soil with removed & tveat in accordance with Dec guidlines

fish & Wild life and Caltural Resources:

To Protect damage to fish Screens will be used on Pumps or funnel intake from creek

wildlife: all food & trash will be stored away from Wildlife so not to be accessable wildlife will not be harashed

Caltural Resources: if caltural Resoarses are found all work in that area will stop & DNP-shpo will be notified

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: _____. How long will trenches be open? _____.

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

Drilling: ☐ Yes ☒ No Type of Drill(s) Used: _____

Total Number of Holes _____ Diameter of Drill Rod/Casing Rod _____ (NQ/HQ/H,Etc.)

Drilled: Estimated Maximum Depth: _____ Indicate how many pumps per water source: _____

Will water be used? ☐ Yes ☐ No

Water source name(s): _____

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)

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

HARDROCK NARRATIVE *REQUIRED

(33)

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.

N/A

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.

2025 ANNUAL RECLAMATION STATEMENT (33)

☒ Placer Mining
☐ Suction Dredging
☐ Hardrock Exploration

APMA # 3048

Complete and return this statement by December 31, 2025. If you did not operate, fill in your name, check bottom box, sign, and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Douglas C Schumann hereby file an annual reclamation statement for the 2025 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 2025: 0 cubic yards (Includes stripping and processed material.)

Sluice days last season: 0 Cubic yards of material processed daily: 0 Annually: 0

Total acreage disturbed in 2025 State 0, 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 2025: 0 acres.

Total un-reclaimed acres: 0 (This should match "total acreage currently disturbed" on the 2026 Reclamation Plan Form.)

For areas reclaimed, the following reclamation measures were used (check only measures that were used).
You must include photographs or videotapes of the completed reclamation work:

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

Other Reclamation Measures Taken:

☒ Did not operate in 2025 and therefore did not conduct reclamation.

Relationship to Claim(s)
☒ Owner ☐ Lessee ☐ Operator
☐ Agent For: _____

Signed Douglas C Schumann Date 2-3-26

2026 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)

☐ A. RECLAMATION PLAN	☐ B. RECLAMATION PLAN VOLUNTARY	☒ C. LETTER OF INTENT (34)
(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).	(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).	(less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).

In accordance with Alaska Statute 27.19, reclamation is required of all mining operations. Reclamation bonding is required of operations with disturbance of 5 acres or greater. Completion of this application will meet the requirements for a "Reclamation Plan" for operations 5 acres and larger in size and for a "Letter of Intent To Do Reclamation" for operations under 5 acres. If you do not intend to use the reclamation methods presented below, you must provide additional information concerning your plans for reclamation under separate attachments.

Total acreage currently disturbed: 0 acres. This should match: "Total Unreclaimed Acres" on your 2025 Annual Reclamation Statement for Small Mines, or line #7 on your 2026 Bond Pool Renewal Form. Disturbed ground includes all unreclaimed mining and exploration activity (excluding camps and roads) since October 1991. Federal operators must include areas of camps and roads.

New acres to be disturbed in 2026 1 acres. Total acreage (currently disturbed plus new acres): 1 acres.

Acreage disturbed by land status: 1 State (general) 0 State (Mental Health) _____ Private _____ Federal

Total acreage to be reclaimed in 2026: 0 acres; Total volume of material to be disturbed in 2026: 5000 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.**

Douglas C Schumann
Printed name (Applicant)

Douglas C Schumann
Signature (Applicant)

Relationship to Mineral Property:
☒ Owner ☐ Lessee ☐ Operator
☐ Agent For: _____

Date: 2-3-26
APMA #: 3040