

Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: 2023 Finish: 2027 APMA Number (A/F/J, Year, ****) 7130

What type activity are you planning to perform? *REQUIRED (1) Surface estate of mineral properties: *REQUIRED (2)

- Suction Dredging/Reclamation Reclamation Only State (General) State (Mental Health)
- Placer Mining/ Reclamation Access Private (Patented) Federal
- Hardrock Exploration/ Reclamation Private (Native Corp.) City or Borough

Check All That Apply: Mineral Property Owner Lessee Operator *Required (3)

Name: Roger C. Burggraf Primary Phone Number: 907-378-7335
Address: 830 Sheep Creek Rd Secondary Phone Number: _____
Fairbanks, Alaska 99709-6130 Email: roger.burggraf@gmail.com

[Click here for the Department of Commerce Link](#)

Alaska Business/Corporation Entity# _____ Registered Agent (Corp./LLC/LP) NONE

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

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

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

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

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

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

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

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

Attach a separate sheet for additional contacts

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

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

Grant Mine Project Estimate 2 to 6 April to November

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

Fairbanks Fairbanks D-3 St. Patric 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

F001N002W Sections 27-29 & 32-34

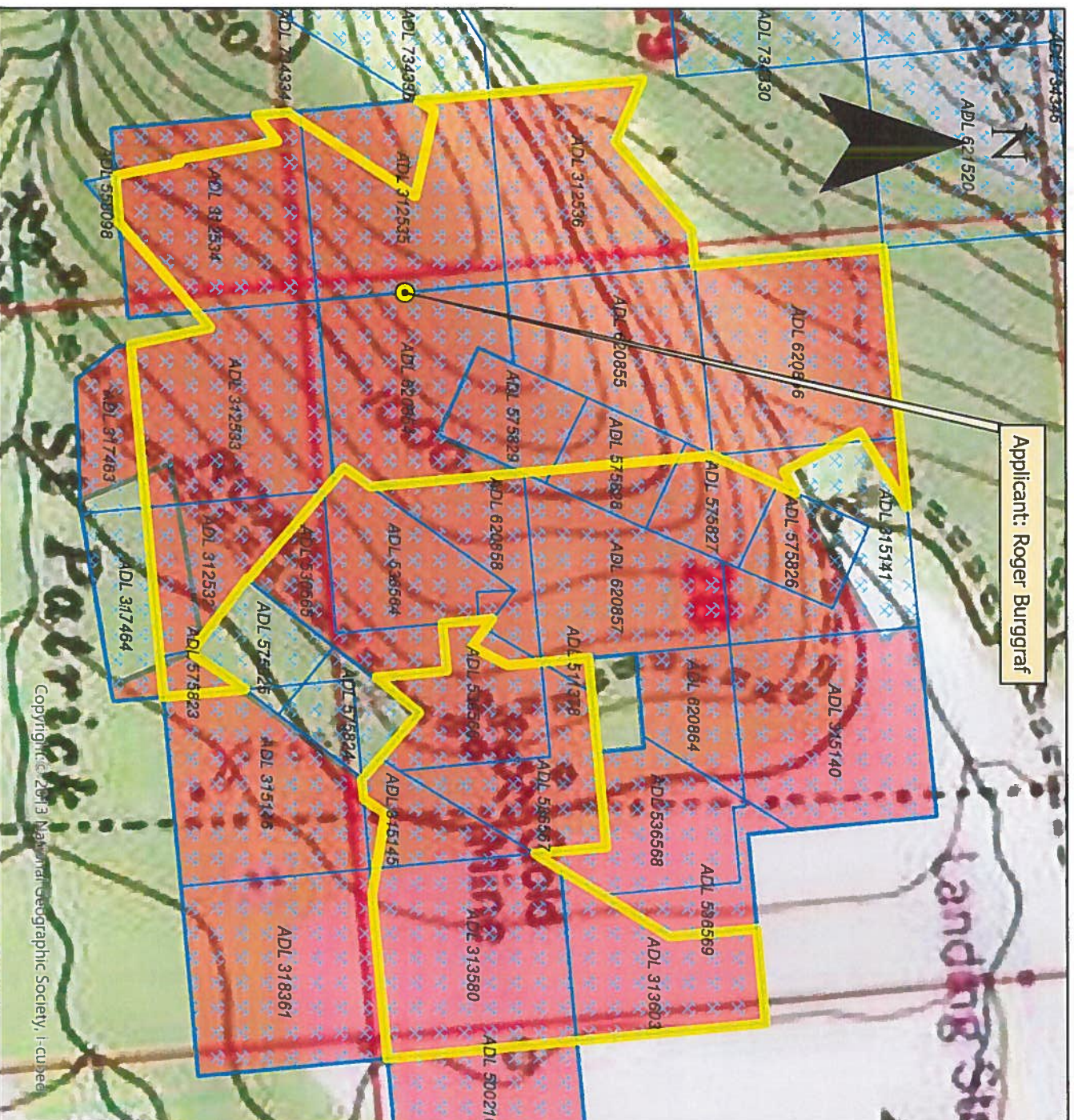
Internal Use Only:

Date Application Received Complete: _____ Adjudicator: _____ LAS Entry: _____
Sec 3 CID: _____ Sec 4 CID: _____ Sec 5 CID: _____ Sec 6 CID: _____

APMA 7130 Active Area



This map was created on 4/19/2023 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.



The State of Alaska makes no express or implied warranties (including warranties of merchantability and fitness) with respect to the character, function, or capabilities of electronic services or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential or other damages suffered by the user or any other person or entity whether from the use of the electronic services or products, any failure thereof or otherwise, and in no event will the State of Alaska's liability to the requestor or anyone else exceed the fee paid for the electronic service or product.

APMA Type

- Hardrock Exploration
- Mechanical Placer Mining
- Suction Dredge / Dredging
- <all other values>
- State Mining Claim
- AK_MiningDistricts

Center: 147°58'11"W 64°52'53"N



Scale: 1:12,426

MV_ST_MINING

Source: Alaska Department of Natural Resources, Information Resource Management

Case ID	Case Status	Case Type	Claim Name	Customer Name	Notepost Date	Total Acres
ADL 312532	Active (35)	Mining Claim (713)	GRANT 6	Burggraf Roger C.	08-OCT-79	30
ADL 312533	Active (35)	Mining Claim (713)	GRANT 7	Burggraf Roger C.	09-OCT-79	40
ADL 312534	Active (35)	Mining Claim (713)	GRANT 8	Burggraf Roger C.	08-OCT-79	40
ADL 312535	Active (35)	Mining Claim (713)	GRANT 9	Burggraf Roger C.	10-OCT-79	40
ADL 312536	Active (35)	Mining Claim (713)	GRANT 10	Burggraf Roger C.	10-OCT-79	40
ADL 313580	Active (35)	Mining Claim (713)	IRISHMAN 2	Burggraf Roger C.	05-NOV-73	40
ADL 313603	Active (35)	Mining Claim (713)	RODY VEIN	Burggraf Roger C.	05-NOV-73	40
ADL 315145	Active (35)	Mining Claim (713)	GRANT 16	Burggraf Roger C.	11-MAR-80	40
ADL 511378	Active (35)	Mining Claim (713)	GRANT 25 FRACTION	Burggraf Roger C.	29-MAY-86	1
ADL 536566	Active (35)	Mining Claim (713)	GRANT NO 28	Burggraf Roger C.	12-MAY-93	40
ADL 536567	Active (35)	Mining Claim (713)	GRANT NO 29	Burggraf Roger C.	12-MAY-93	40
ADL 575826	Active (35)	Mining Claim (713)	ROSIE 1	Burggraf Roger C.	22-AUG-97	10
ADL 575827	Active (35)	Mining Claim (713)	ROSIE 2	Burggraf Roger C.	22-AUG-97	10
ADL 575828	Active (35)	Mining Claim (713)	BRANDY 1	Burggraf Roger C.	22-AUG-97	10
ADL 575829	Active (35)	Mining Claim (713)	BRANDY 2	Burggraf Roger C.	22-AUG-97	10
ADL 620854	Active (35)	Mining Claim (713)	ETHEL	Burggraf Roger C.	04-DEC-15	40
ADL 620855	Active (35)	Mining Claim (713)	NICKALOFF	Burggraf Roger C.	04-DEC-15	40

END OF REPORT

Report Information

Source ID	60
Source Name	MV_ST_MINING
Source Description	
Run Date and Time	
Record Count	17
SQL Statement	
SELECT	

MINERAL PROPERTIES LIST

Trenching

(14)

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

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.	312532	Grant No 6	7.	575828	Brandy No 1
2.	312533	Grant No 7 (5)	8.	575829	Brandy No 2
3.	312534	Grant No 8	9.	620854	Ethel
4.	312535	Grant No 9 (2)	10.	620855	Nickalof
5.	575826	Rosie No 1	11.	312536	Grant 10
6.	575827	Rosie No 2	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.	John Deere 450H			X
2.	John Deere 22 Excavator or Equivalent			X
3.	Reverse Circulating Drill			X
4.				
5.				
6.				
7.				
8.				

ACCESS TO THE CLAIM BLOCK

(16)

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

NOTE: It is strongly recommended that you contact the appropriate Regional Land Office as certain roads are subject to Generally Allowed Uses, and authorization (permit or easement) may be required for use of the route with off-road vehicles greater than 1500 lbs curb weight (like mining equipment).

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

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

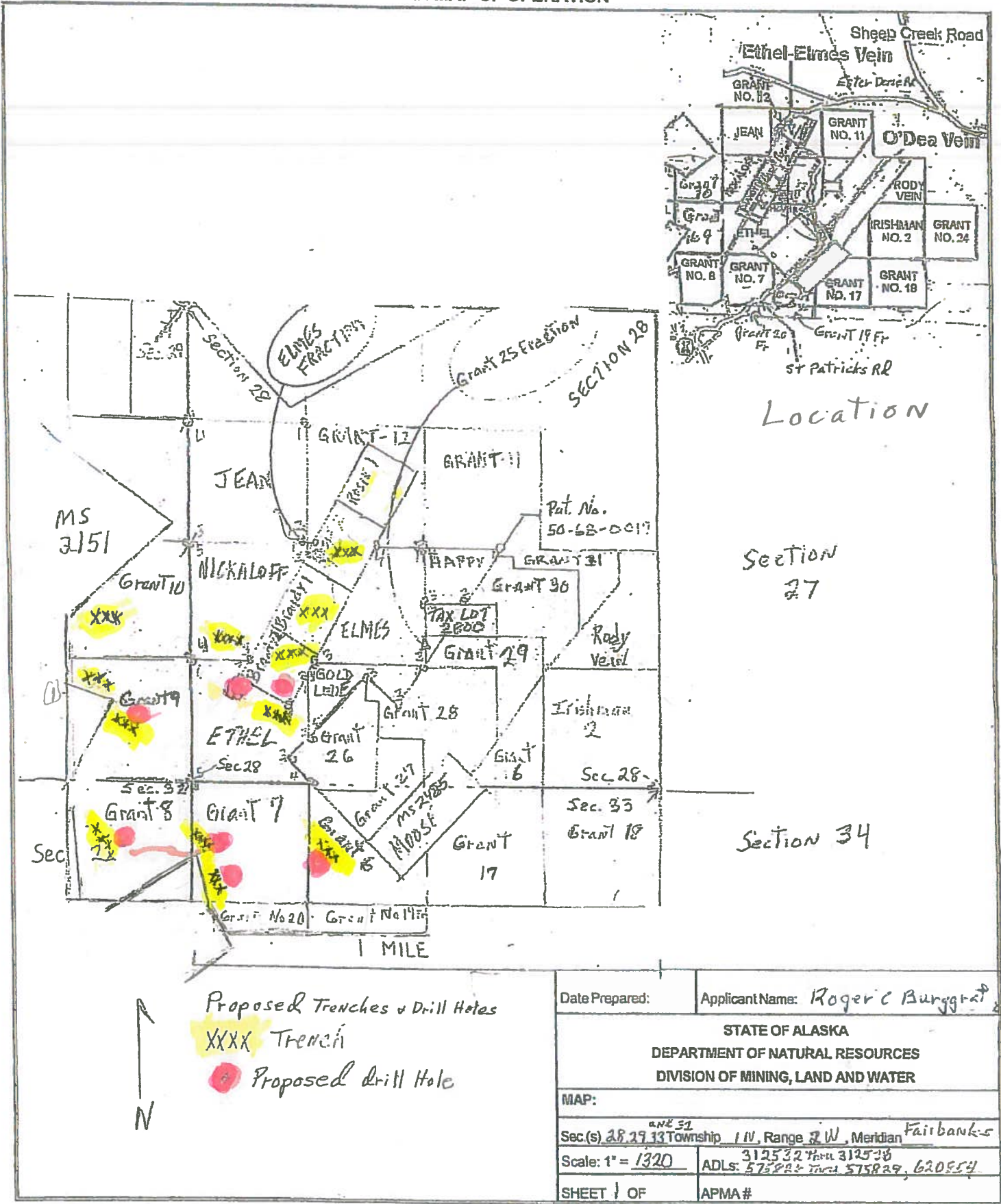
Access to the claim block crosses what type of land(s)? *See attached map*

State Mental Health Land City/Borough Federal Private/Patented Private (Native Corp. Land)

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: *see attached*
- 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 Water
- Aircraft Supported

PLAN MAP OF OPERATION



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

Roger C. Burggraf

APMA Grant Mine

Dated 4-10-23

TRENCH

from Mapper

	(N)	(W)
# 1	64. 88330	147. 98914
2	64. 88245	147. 98048
3	64. 88086	147. 98846
4	64. 87939	147. 98644
5	64. 88126	147. 97820
6	64. 88062	147. 97537
7	64. 87585	147. 98889
8	64. 87614	147. 98155
9	64. 87467	147. 98022
10	64. 87614	147. 97206
11	64. 88064	147. 9752

ACCESS TO THE CLAIM BLOCK, CONTINUED

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

- [X] Road(s) [] Helicopter Pad [] Airstrip

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:

There is an existing road St Patricks road that goes thru the Grant Mine claim block. There are existing trails or roads within claim block.

If proposed access requires travel over state land(s) that does not have an easement, or by trails that will need to be widened, or via an RST/RS 2477 winter easement (no mineral base surface), or by off road motorized vehicles greater than 1500lb curb weight; then a Winter or Summer Cross Country travel permit is required for access to the claim block. Please completely fill out section 17 if applicable.

CROSS COUNTRY TRAVEL

(17)

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

Winter Cross Country Travel: May be approved when ground conditions will support the movement of heavy equipment. Existing easements and trails should be used whenever possible. The winter operation of ground contact vehicles for off-road travel must be limited to areas where ground frost and snow cover are adequate to prevent damage to the vegetation mat and underlying substrate. A completion report is required within 30 days of travel completion. Travel is generally not authorized after April 15th of each year (extensions may be granted as conditions allow). Cross Country Travel is billable at \$240 for each year of travel.

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

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

List all equipment and vehicles being transported from section 15, including vehicle weights:

State the average total miles traveled in one round trip: 0. State the number of trips proposed: 0.

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

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

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

Will water be needed to construct ramps/ ice bridges? sec Attached statement [] Yes [] No

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

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.

Corps Supplement Attachment 1, Jurisdictional Determination: Attachment 1 must be filed 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.

Note:

- If your APMA requires, but does not include a JD or Mitigation Statement, your application will be considered incomplete. The Corps may also contact you for additional information. Please ensure your contact information on the front page is current.

All uplands previously Determined

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 Roger C. Burggraf Signature Roger C. Burggraf

Date 3-10-23

CROSS COUNTRY TRAVEL, CONTINUED

Are you transporting fuel? Yes No

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

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

4 55 gallon barrels

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:

drums

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

55 gallon drums

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:

Have Pads

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

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

PETROLEUM PRODUCTS AT PROJECT SITE

(18)

Will Petroleum Products Be Stored on the Project Site?

0-1,320 gallons of total storage (Secondary Containment recommended, but not required)

1,321-10,000 gallons of total storage (count only containers 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: NO STREAMS water bodies required by DNR is 100 feet). _____ Feet. (Minimum distance from naturally occurring

Is waste oil stored on the project site? Yes No If yes, describe quantity and storage modality: _____

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

TEMPORARY STRUCTURES/FACILITIES

(19)

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

If No, Please explain: _____

Describe all temporary improvements (including buildings, tent platforms, out-buildings, etc., including thier quantity, dimensions and building type.

What type of property is the camp located on? State Federal Private (Patented) City or Borough MHTL

If camp is on private land, provide location: Care Takers Quaters

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

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

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

Request to place temporary structures, list ADL(s): _____

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

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed		<u>ATCOS-3</u>	<u>Care Takers Quaters</u>			
Tent						
Trailer			<u>Warehouse</u>			
Platforms						
Out-Buildings			<u>Mill Building</u>			
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):

septic tank

Solid Waste - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal (e.g.; burn, haul away, buried).

burn or haul away

What is the distance grey water, biological, and solid waste will be located from the ordinary high water mark of the nearest freshwater body (lake, stream, river, rivulet, etc.), or the mean high water mark of a saltwater body: _____

Will there be any use of animals (horses, dogs, goats/sheep, etc)? Yes No

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

Sell, Salvage, and Remainder will Be Hauled to FNSB dump.

MINING METHOD

(20)

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

Estimated cubic yards processed annually: _____

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

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

Table with 3 columns for Dredge 1, 2, and 3. Rows include Vessel ID, Dimensions, Intake Nozzle, Bucket Volume, Processing Rate, Wastewater Discharge Rate, Maximum Water Depth, Average Daily Operating Hours, Operation on Sea Ice, and Vessel Registration #/State.

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

EXPLORATION TRENCHING and DRILLING

(21)

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

Trenching: Yes No

Estimated number of trenches to be excavated: 10. How long will trenches be open? End of season.

Average Size: Length: 100-200 Feet Width: 8 Feet Depth: 8-16 Feet until Encountered

Drilling: Yes No

Total Number of Holes To Be Drilled: 7 Type of Drill(s) Used: Reverse Circulation

Estimated Maximum Depth: 200 Feet Diameter of Drill Rod/Casing Rod 5" (NQ/HQ/H, Etc.).

Will water be used? Yes No Indicate how many pumps per water source: _____

Water source name(s): _____

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

Table titled 'Proposed Trench/Drilling Location and Mining Claim Information'. Columns include Trench/Drill ID on Map, ADL/BLM/USMS NUMBER, and Decimal Degrees (Latitude and Longitude).

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

APMA Grant Mine

Dated April 10, 2023

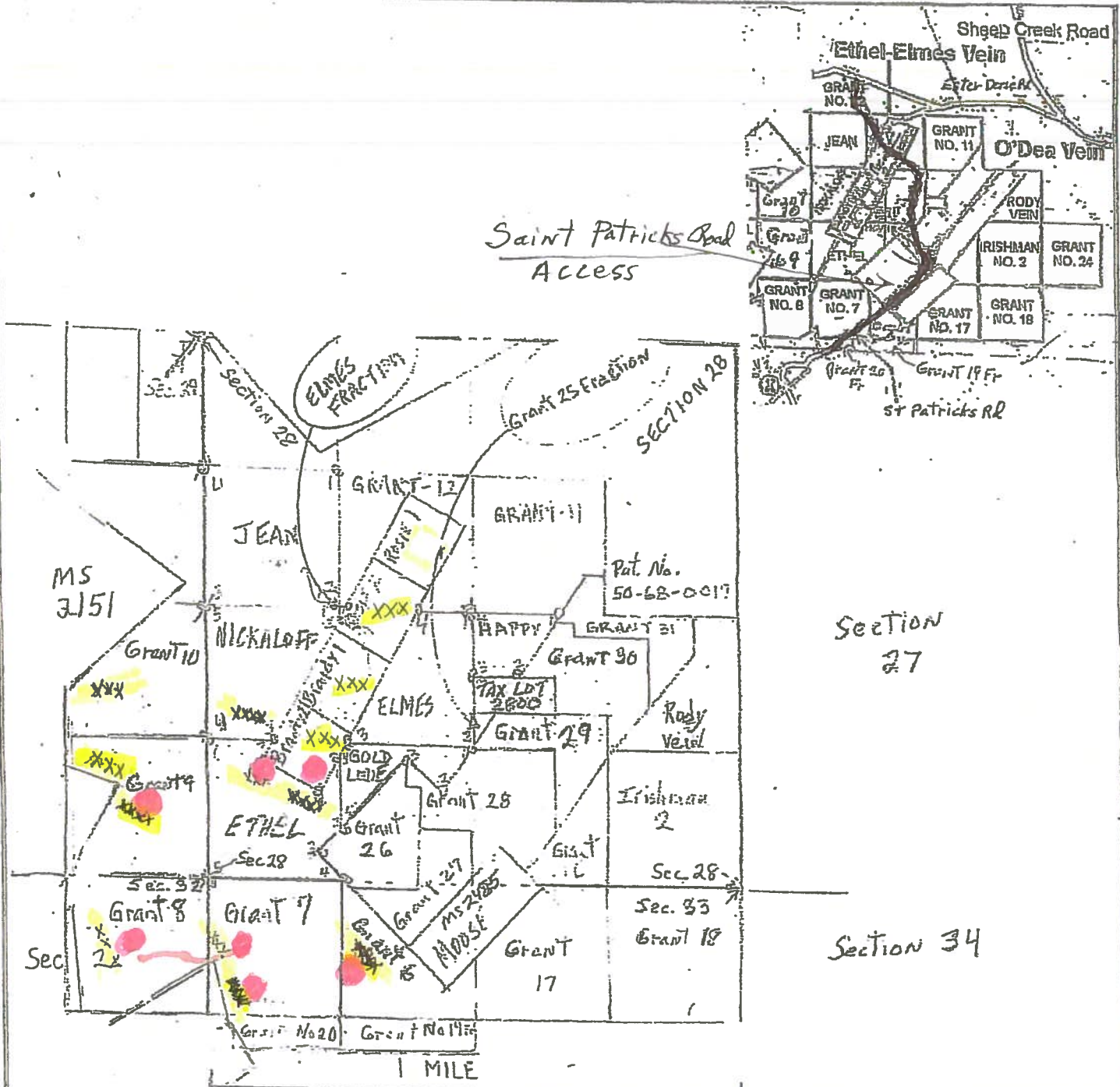
DRILL

(N)

(W)

A	64. 87980	147. 98537 recy
B	64. 88150	147. 97777
C	64. 88137	147. 97460
D	64. 87067	147. 98644
E	64. 87607	147. 98026
F	64. 87485	147. 97932
G	64. 87574	147. 97309

PLAN MAP OF OPERATION



Proposed Trenches & Drill Holes
 XXXX Trench
 ● Proposed drill Hole
 a n d Access to claims
 (St Patricks Road)

Date Prepared:	Applicant Name: Roger C. Burggraf
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP:	
Sec(s) 28, 29, 33 Township 1 N, Range 2 W, Meridian Fairbanks	
Scale: 1" = 1320	ADLs: 57522 thru 312538, 57522 thru 57529, 620554
SHEET 1 OF	APMA#

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

EXPLOSIVES

(22)

Will explosives be used? Yes No If "Yes", Indicate: Type: _____ Amount: _____

Explosive Handler's Certification/ATF Permit Numbers: _____

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

DAMS

(23)

No dam required Existing To be constructed

Proposed Structure: Temporary Permanent

Purpose: Makeup water pond Settling/recycle pond Stream diversion Other: *Closed-Per DEC*

Length: _____ ft Height: _____ ft Width At Crest: _____ ft Width At Base: _____ ft

Dam Tuffly + DNR

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

Water impoundment capacity (if known): _____ acre-feet

See Pictures

Existing Tailings Pond for Hardrock Mining

IN-STREAM ACTIVITIES and STREAM CROSSINGS

(24)

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

NONE

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.	<i>NONE</i>				<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

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

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

Is there a current Water Right within the proposed mineral property boundary? Yes No

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

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

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

What are the months of water use needed (for example May 1st through October 31st)? _____

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

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

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

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

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

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

B. RECYCLE/SETTLING POND SYSTEM.

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

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

How many ponds are used in the recycle system? _____ *For drill Rig if used for core*

Recycle pond is pond #: 1 Settling pond is pond #: _____ *Drilling if have Funding*

C. RECYCLE/SETTLING POND SYSTEM (continued).

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

Pond # 1: L: _____ ft W: _____ ft D: _____ ft Pond # 2: L: _____ ft W: _____ ft D: _____ ft

Pond # 3: L: _____ ft W: _____ ft D: _____ ft Pond # 4: L: _____ ft W: _____ ft D: _____ ft

Pond # 5: L: _____ ft W: _____ ft D: _____ ft Pond # 6: L: _____ ft W: _____ ft D: _____ ft

1/per drill hole if use

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

Pump #1: _____ hrs/day _____ inches _____ gpm _____ days/month
Pump #2: _____ hrs/day _____ inches _____ gpm _____ days/month
Pump #3: _____ hrs/day _____ inches _____ gpm _____ days/month

D. CAMP WATER USE.

Is camp water used? Yes No

Maximum number of persons present in camp at a time _____

Camp water source: Well Haul Stream Spring Lake

Name of water source (if any): _____

Camp pump intake diameter: _____ Camp pump rate: _____ gpm _____ hrs/day

E. EXPLORATION ACTIVITIES.

Is water required for exploration activities? Yes No If yes, what is the source name? _____

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

If **YES**, How many total pumps are used in the exploration activities? 8 (Max pumps per source).

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

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

- MTRS sections,
- stream reaches or other water sources (please label, including take points if known)
- and drill hole locations

F. SUCTION DREDGING.

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

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

(26)

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

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

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

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

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

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

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

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

WASTEWATER DISCHARGE PERMIT APPLICATION

(27)

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

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

Previously issued DEC-APDES Wastewater discharge permit #: _____

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

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

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

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

Waterbody the discharge flows directly into, or would potentially flow: _____

Approximate coordinates of mine site:

Latitude: _____ Longitude: _____

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

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

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

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

If a mixing zone is requested, provide the following:

Coordinates of discharge location: Latitude: _____ Longitude: _____

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

Distance to nearest downstream drinking water source _____ and downstream placer mine _____

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

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

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

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

Signature of Responsible Party: _____

Responsible Party Name (First Last, Position) - Printed: Roger L. Burggraf

Business Name (if applicable) - Printed: Happy Hill Mining Company

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.

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.

Note:

- If your APMA requires, but does not include a JD or Mitigation Statement, your application will be considered incomplete. The Corps may also contact you for additional information. Please ensure your contact information on the front page is current.
- For BLM Operators: A complete 404 Wetland Permit Package with additional photos of the upland areas to be mined will be sufficient to meet the requirement for the uplands reclamation baseline data and riparian mitigation measures as required by § 43 CFR 3809.

All lands previously Determined

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

Latitude: _____ Longitude: - _____

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

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 future 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

(29)

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

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

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

Stream Name: _____

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

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

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

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

Annually reclaimed/returned to natural stream Maintained throughout mine life

Dimensions of existing stream in diversion area:

Length _____(ft) Top Width____(ft) Bottom Width____(ft) Depth____(ft) Floodplain Width____(ft)

Dimensions of proposed diversion:

Length _____(ft) Top Width____(ft) Bottom Width____(ft) Depth____(ft) Floodplain Width____(ft)

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

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

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

Non Applicable
JJ

NARRATIVE

(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.

- ① Access to drill & trench sites is readily available from existing road and trail systems - See attached access map.
- ② Exploration Activities - The primary activities will be to locate and identify the extension of the Ethel Elmes and O'Bea Vein Systems and other subparallel vein systems thru trenching followed up by drilling. The permit proposed is for a two year period. The amount of work completed will depend on the financing received. If additional financing is obtained Silverado may amend this permit to include additional work.

The equipment to be used in the exploration activities will include a John Deere 450 dozer, John Deere 222 Excavator, Reverse Circulation Drill, 3/4 Ton Pickup Truck 4x4 and possibly a core drill during the Spring Summer and Fall months.

Upon completion of each trench it will be sampled reclaimed upon completion except in a case where further examination needs to be done. Where drilling occurs the holes will be marked and plugged & capped with bentonite. Drill pads if excavation occurs will be recontoured if necessary. Reseeding disturbed areas will be done with brome grass seed.

There will be a spill control prevention plan ~~will be~~ used on site to address any spills that occur. Diapers and containers will be on site. MSDS sheets will be on site.

See attached map showing the estimated sites proposed for trenching & drilling. Notification will be given if we need to work in areas other than those shown.

Burggraf plans to use an excavator for trenching and will make a concerted effort not disturb any more land than is necessary. Upon completion of the work that needs to be done on site it will be reclaimed and reseeded where necessary.

Equipment will be refueled from 55gal drums or a fuel tank on a truck.

No water use is anticipated using the reverse circulation drill. If a core drill is used water will come from water wagon.

There are no cultural resources on the land Silverado plans to disturb. If found the Historic Preservation office will be notified.

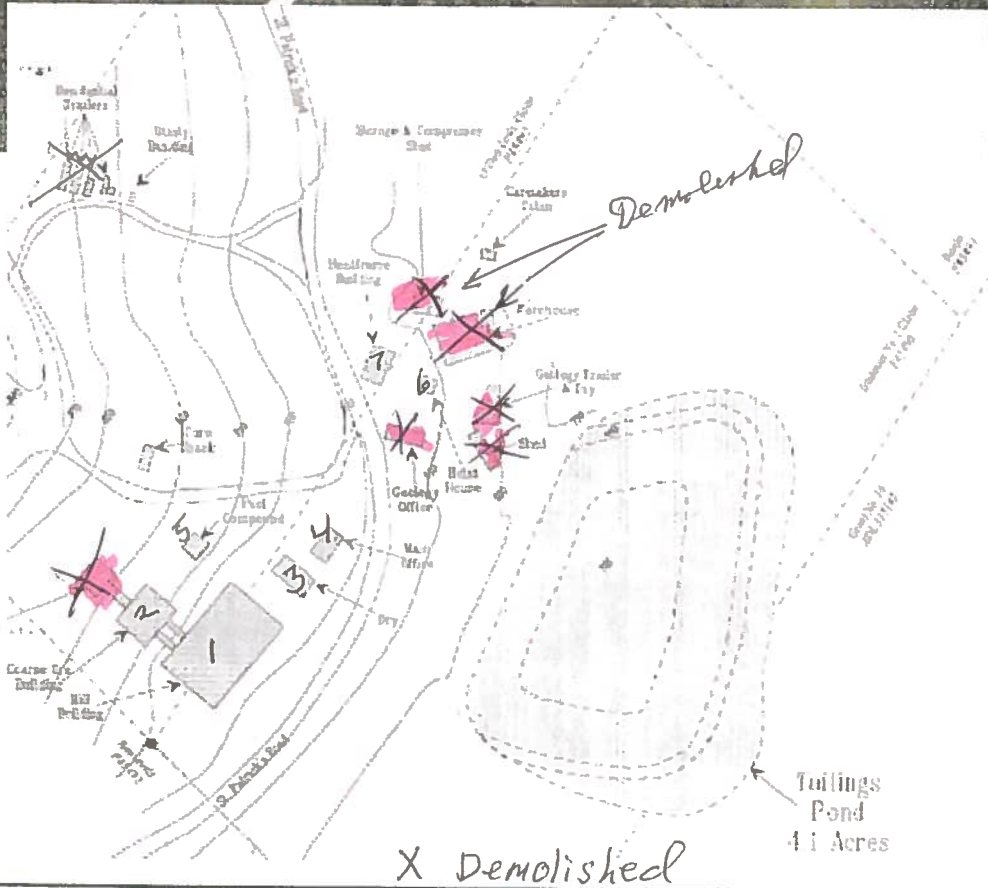
existing monitoring wells will be decommissioned using

Best management practices following closure stipulations of wells
within the Alaska Statutes and Regulations for Reclamation.

Removal of Headframe and Building will be dismantled and scraped or skid or
brought to FNSB Dump.



- ① Mill Building 120x70'
- ② Fine Ore Bin 45x30
- ③ Old dry storage 26x35
- ④ Core Tables 3 areas
- ⑤ Fuel Oil Tanks
- ⑥ Host House
- ⑦ Drill core & Sample Bldg



Buildings Demolished



200 Feet

Grant Mine Tailings Impoundment Closure Ester Dome, Alaska	
SITE PLAN	
April 9, 2023	31-1-20094-010
October 2022	SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
Figure 2	

Appendix A

Photo Log

APPENDIX A: PHOTO LOG



Photo 1: 20210728 Initial Lifts looking south



Photo 2: 20210804 Dismantling southern berm



Photo 3: 20210921 Dismantling northern berm

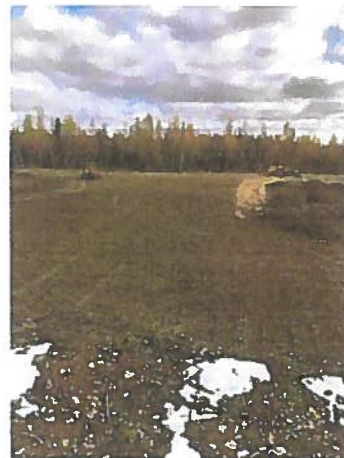


Photo 4: 20210927 final surface looking east



Photo 5: 20210928 End of 2021 activities looking south



Photo 6: 20220511 Northern portion looking east



Photo 7: 20220511 Southern portion looking east



Photo 8: 20220630 Beginning of Diversion Ditch looking North



Photo 9: 20220723 Placing Riprap looking west



Photo 10: 20220811 Final Surface looking south



Photo 11: 20220811 northern portion looking east



Photo 12: 20220811 southern portion looking east



Photo 13: 20220824 looking NE complete



Photo 14: 20220831 Drone looking SW



Photo 15: 20220916 lower portion of channel



Photo 16: 20220916 Natural Revegetation



Photo 17: 20220916 upper portion of channel



Photo 13: 20220824 looking NE complete

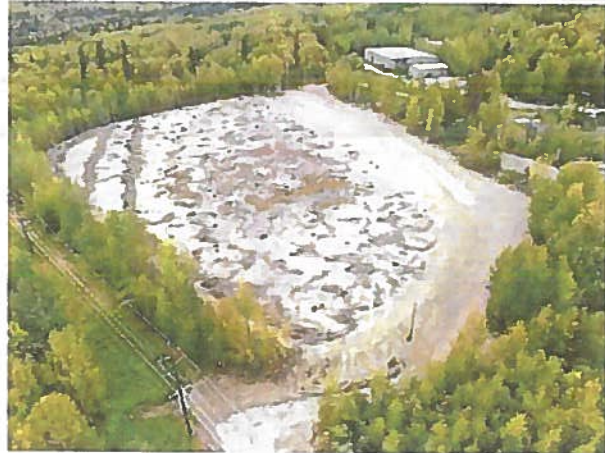


Photo 14: 20220831 Drone looking SW



Photo 15: 20220916 lower portion of channel



Photo 16: 20220916 Natural Revegetation



Photo 17: 20220916 upper portion of channel

HARDROCK NARRATIVE *REQUIRED

(32)

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

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

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

DESCRIBE SITE PREPARATION ACTIVITIES AND PRE-RECLAMATION MEASURES:

DESCRIBE PAD CONSTRUCTION AND DIMENSIONS:

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

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

DESCRIBE WATER USE INCLUDING

① S+W
Demobitz 2 monitor 400

DESCRIBE HOW THE OPERATION WILL AFFECT TO FISH, WILDLIFE AND CULTURAL RESOURCES:

② survey Eucamata

③

DESCRIBE CLOSURE, PLUGGING ME

ABANDONEMENT:

PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(32)

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:

2022 ANNUAL RECLAMATION STATEMENT

(33)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # _____

Complete and return this statement by December 31, 2022. 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, Roger C. Burggraf hereby file an annual reclamation statement for the 2022 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 2022: 0 cubic yards (Includes strippings and processed material.)

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

Total acreage disturbed in 2022: 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 0 feet and Width 0 feet of stream diversion.

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

Total Area reclaimed in 2022: _____ acres.

Total un-reclaimed acres: 1 acre (This should match "total acreage currently disturbed" on the 2023 Reclamation Plan Form.)

5 acres reclaimed Tailings Pond 4.9 acres approved by DEC + DNR + Dam safety

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 *Caped Tailings Pond*
- 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 *Hardrock Tailings pond*
- 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:

Tailings Pond Closure Complete on Grant Mine Claims

Did not operate in 2022 and therefore did not conduct reclamation.

Relationship to Claim(s)

- Owner Lessee Operator
- Agent For: _____

Signed Roger C. Burggraf Date _____

2023 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 checked="" type="checkbox"/> C. LETTER OF INTENT (34) (less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).
---	---	---

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

Total acreage currently disturbed: 0 acres. This should match: "Total Unreclaimed Acres" on your 2022 Annual Reclamation Statement for Small Mines, or line #7 on your 2023 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 2023 0 acres. Total acreage (currently disturbed plus new acres): _____ acres.

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

Total acreage to be reclaimed in 2023: 0 acres; Total volume of material to be disturbed in 2023: 0 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: RECEIVED

(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.) NOV 3 2 2022

- 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.

<p><u>Roger C. Burgett</u> Printed name (Applicant)</p> <p><u>Roger C Burgett</u> Signature (Applicant)</p>	Relationship to Mineral Property: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: <u>11/23/22</u> APMA #: <u>7130</u>
---	---	--