STATE OF ALASKA

Application for Permits to Mine in Alaska (APMA)

☐ Single Year ____ ☑ Multi-year Start: July 2022 Finish: 2027 APMA Number (A/F/J,Year,****) A3031

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

- ☑ Exploration/Reclamation
- ☑ Mining/Reclamation
- ☑ Hardrock Exploration/Reclamat
- ☑ Access Equipment
- ☐ Suction Dredge
- ☐ Reclamation

Surface estate of mineral properties: *REQUIRED (2)

- ☑ State (General)
- ☐ Private (Patented)
- ☐ Private (Native Corp.)
- ☐ State (Mental Health)
- ☐ Federal
- ☐ City or Borough

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

Name: Stuy Mines, LLC
Primary Phone Number: 425-418-8853
Address: PO Box 779 LaConner, WA 98257
Secondary Phone Number:
Email: Gregellis39@gmail.com
If Applicable, Corporation Name:
Alaska Business/Corporation Entity# 112142
Registered Agent (Corp./LLC/LP) Bill Campbell
Click here for the Department of Commerce Link

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

Name: Green Mining Solutions LLC
Primary Phone Number: 425-418-8853
Address: PO Box 779 LaConner, WA 98257
Secondary Phone Number:
Email: Gregellis39@gmail.com
If Applicable, Corporation Name:
Alaska Business/Corporation Entity#
Registered Agent (Corp./LLC/LP) Registers Agents Inc.

RECEIVED
JUN 06 2022

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

Name:
Primary Phone Number:
Address:
Secondary Phone Number:
Email:
If Applicable, Corporation Name:
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:
If Applicable, Corporation Name:
Alaska Business/Corporation Entity#
Registered Agent (Corp./LLC/LP)
Attach a separate sheet for additional contacts

Project Name If Applicable: (7)	Average Number of Workers: *REQUIRED (8)	Start-Up/Shut Down: (Month/Day) (9)
Stuy Mines Project	3-4	Occassionaly year-round with Dome 6/1 to 10/24

Mining District: *REQUIRED (10)	Applicable USGS Map: *REQUIRED (11)	On What Stream Is This Activity? (12)
Bristol Bay	Iliamna C-8	

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

T.5S., R.38W., SECTIONS 28 & 33 SEWARD MERIDIAN

Internal Use Only:

Date Application Received Complete: Adjudicator: LAS Entry:

CID(s): 50219 CID(s): CID(s):

Ladouceur, Michael E (DNR)

From: Greg Ellis <gregellis39@gmail.com>
Sent: Thursday, October 6, 2022 1:07 PM
To: Ladouceur, Michael E (DNR)
Subject: Mining Permit

Follow Up Flag: Flag for follow up
Flag Status: Flagged

CAUTION: This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Michael
Please continue the permit process in the name of Stuy Mines LLC, an Alaska LLC. Disregard Green Mining Solutions, LLC for now. Please let me know if you have any questions. I can be reached via email or phone anytime.

Sincerely,

Greg Ellis
PO Box 779
La Conner, WA 98257
cell (425) 418-8853
email: gregellis39@gmail.com

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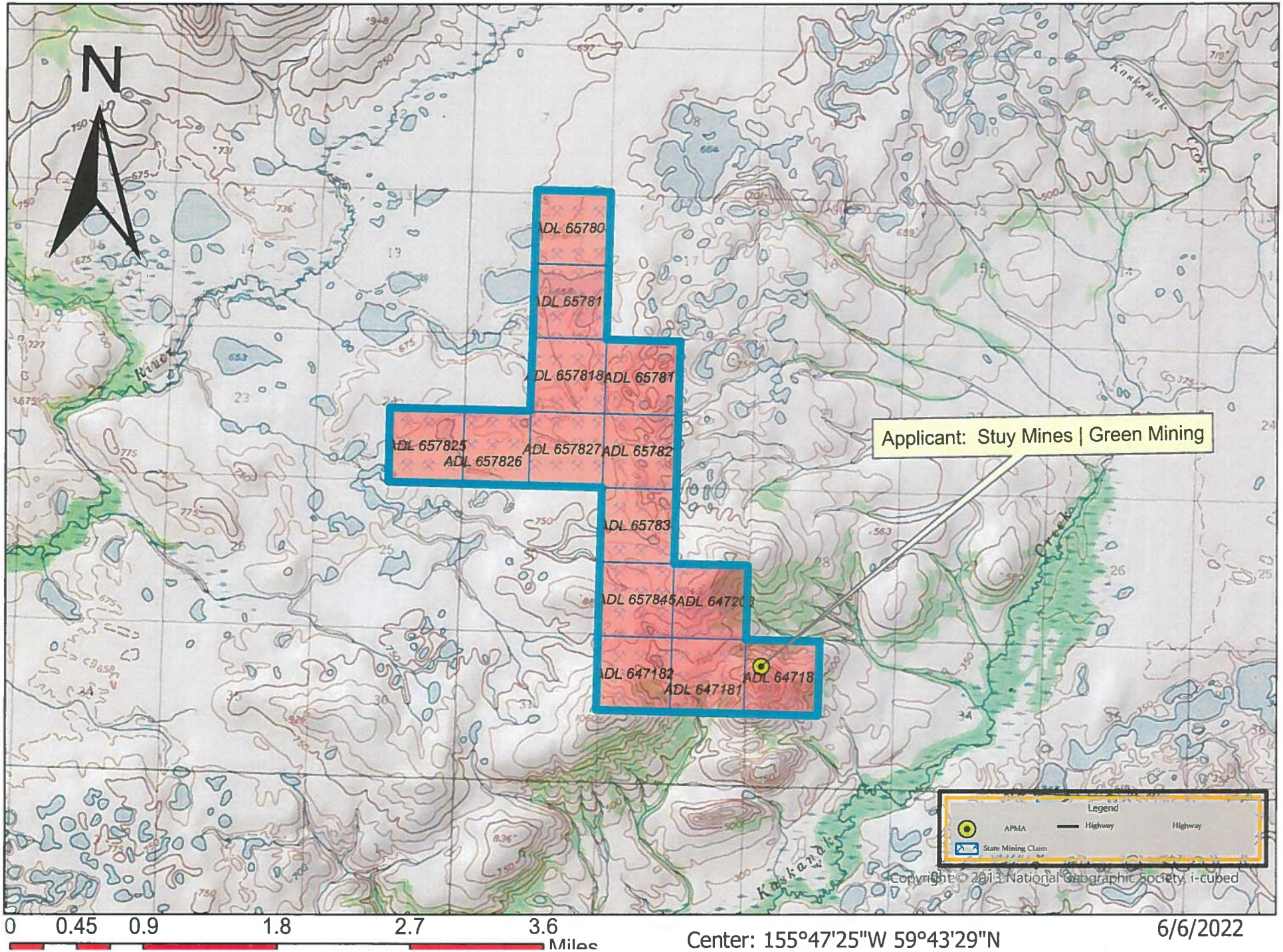
APMA 3031 Active Area



MV_ST_MINING

Source: Alaska Department of Natural Resources, Information Resource Managment

Case ID	Case Status	Case Type	Claim Name	Customer Name	Notepost Date	Total Acres
ADL 647180	Active (35)	Mining Claim (713)	STUY51	Stuy Mines, Llc	18-DEC-04	160
ADL 647181	Active (35)	Mining Claim (713)	STUY52	Stuy Mines, Llc	18-DEC-04	160
ADL 647182	Active (35)	Mining Claim (713)	STUY53	Stuy Mines, Llc	18-DEC-04	160
ADL 647206	Active (35)	Mining Claim (713)	STUY77	Stuy Mines, Llc	18-DEC-04	160
ADL 657803	Active (35)	Mining Claim (713)	STUY 162	Stuy Mines, Llc	06-APR-07	160
ADL 657812	Active (35)	Mining Claim (713)	STUY 171	Stuy Mines, Llc	06-APR-07	160
ADL 657817	Active (35)	Mining Claim (713)	STUY 176	Stuy Mines, Llc	06-APR-07	160
ADL 657818	Active (35)	Mining Claim (713)	STUY 177	Stuy Mines, Llc	06-APR-07	160
ADL 657825	Active (35)	Mining Claim (713)	STUY 184	Stuy Mines, Llc	06-APR-07	160
ADL 657826	Active (35)	Mining Claim (713)	STUY 185	Stuy Mines, Llc	06-APR-07	160
ADL 657827	Active (35)	Mining Claim (713)	STUY 186	Stuy Mines, Llc	06-APR-07	160
ADL 657828	Active (35)	Mining Claim (713)	STUY 187	Stuy Mines, Llc	06-APR-07	160
ADL 657834	Active (35)	Mining Claim (713)	STUY 193	Stuy Mines, Llc	06-APR-07	160
ADL 657845	Active (35)	Mining Claim (713)	STUY 204	Stuy Mines, Llc	06-APR-07	160

END OF REPORT

Report Information

Source ID	60
Source Name	MV_ST_MINING
Source Description	
Run Date and Time	06/06/2022 01:42:08 AKDT
Record Count	14

SQL Statement

SELECT

MINERAL PROPERTIES LIST (14)

If requesting more than 12 claims, Are additional sheets with ADL/BLM/USMS and Legal Descriptions Attached? ☑ Yes ☐ No

Are any of these mineral properties an Upland or Offshore Mining Lease? ☐ Yes ☑ No

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.	647180	STUY 51	7.	657817	STUY 176
2.	647181	STUY 52	8.	657818	STUY 177
3.	647182	STUY 53	9.	657825	STUY 184
4.	647206	STUY 77	10.	657826	STUY 185
5.	657803	STUY 162	11.	657827	STUY 186
6.	657812	STUY 171	12.	657828	STUY 187

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.	Shaw Backpack Drill 1" to 2" - drilling approx 50' or less	2		✓
2.	Wanki Drill - drilling up to approx 120'	1		✓
3.	Mini Excavator with hammer approx 7000lbs	1		✓
4.	Electric Drill - drilling approx 2' cores & Misc hand-held jack hammers TBD	1 & 1-3		✓
5.	Stihl Cutoff Saw - 14" blade	1-2		✓
6.	Misc. Small Water Pumps 3/4" to 1 1/2" for drill lubrication	2-3		✓
7.	Excavator with hammer - Approx Kubota U55-4 to 300 size. For trenching	1-2		✓
8.	Cat Bobcat with Tracks & Hammer Attachment - for trenching	1		✓

ACCESS OUTSIDE OF CLAIM BLOCK (16)

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

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

A completed access map must be submitted with your application. Copies of USGS topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish and include appropriate legal descriptions (township and range) on each map sheet. The quadrangle map name should also be indicated (Healy A-3, etc.). Paper size should be limited to 8 ½" x 11". Do not tape maps together.

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

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

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

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

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

ACCESS OUTSIDE OF CLAIM BLOCK, CONTINUED

Indicate type(s) of existing access:

- ☐ All Season Road: _____.
- ☑ Summer Cross Country Travel off of claim block that is not considered Generally Allowed Uses (Complete Box 17)
- ☐ Airstrip
- ☐ River
- ☐ Winter Cross Country Travel that is not generally allowed use (Complete Box17)

Indicate type(s) of access to be constructed:

- ☑ Access Road
- ☐ Airstrip

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

A pathway has been identified that mostly follows existing gravel bars. We propose to make the least impactful minimal grading of existing gravel. Spreading only where needed for project access.

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 roads and trails should be used whenever possible. The winter operation of ground contact vehicles for off-road travel must be limited to areas where ground frost and snow cover are adequate to prevent damage to the vegetation mat and underlying substrate. A completion report is required within 30 days of travel completion. Travel is generally not authorized after April 15th of each year (extensions may be granted as conditions allow).

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

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

IDC, Green Mining Solutions LLC

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

Drilling equipment, camp materials and equipment excavators listed: Sherp 2K lbs. / LGP Vehicle 8K lbs. / Bobcat approx. 6K lbs. / U55-4 approx. 15K lbs. / 300 size Excavator Next Year or Winter approx. 60K lbs.

State the average total miles traveled in one round trip: 12 . State the number of trips proposed: 6 per year .

State the start and end date(s) or period(s) of proposed cross country travel: Summer 6/1-10/24 .

Select the following terrain type(s) that best describes your route of travel: ☐ Wetlands ☑ Tundra ☑ Uplands ☐ Rivers or Other Water Bodies ☐ Wooded Areas (6" Trees or larger at breast height)

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

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

CROSS COUNTRY TRAVEL, CONTINUED

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:

1-4 55 Gallon Drums

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:

55 Gallon 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 Working with IDC

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:

Maintain equipment to minimize and drips or spills.

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.

Short term storage over 200' back from Lake Iliamna in a container or containment berm with liner and at base of operation stored in a fuel containment berm with liner.

PETROLEUM PRODUCTS AT PROJECT SITE (18)

Will Petroleum Products Be Stored on the Project Site?

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

☐ 1,321-10,000 gallons of total storage (count only containers greater than 55 gallon capacity). A self-certified Spill Prevention, Control, and Countermeasure (SPCC) plan is required and applies to all products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil. The self certified SPCC form can be downloaded at: https://www.sfdph.org/dph/files/EHSdocs/ehsHMUPAdocs/TIERIQFSPCCPlan.pdf.

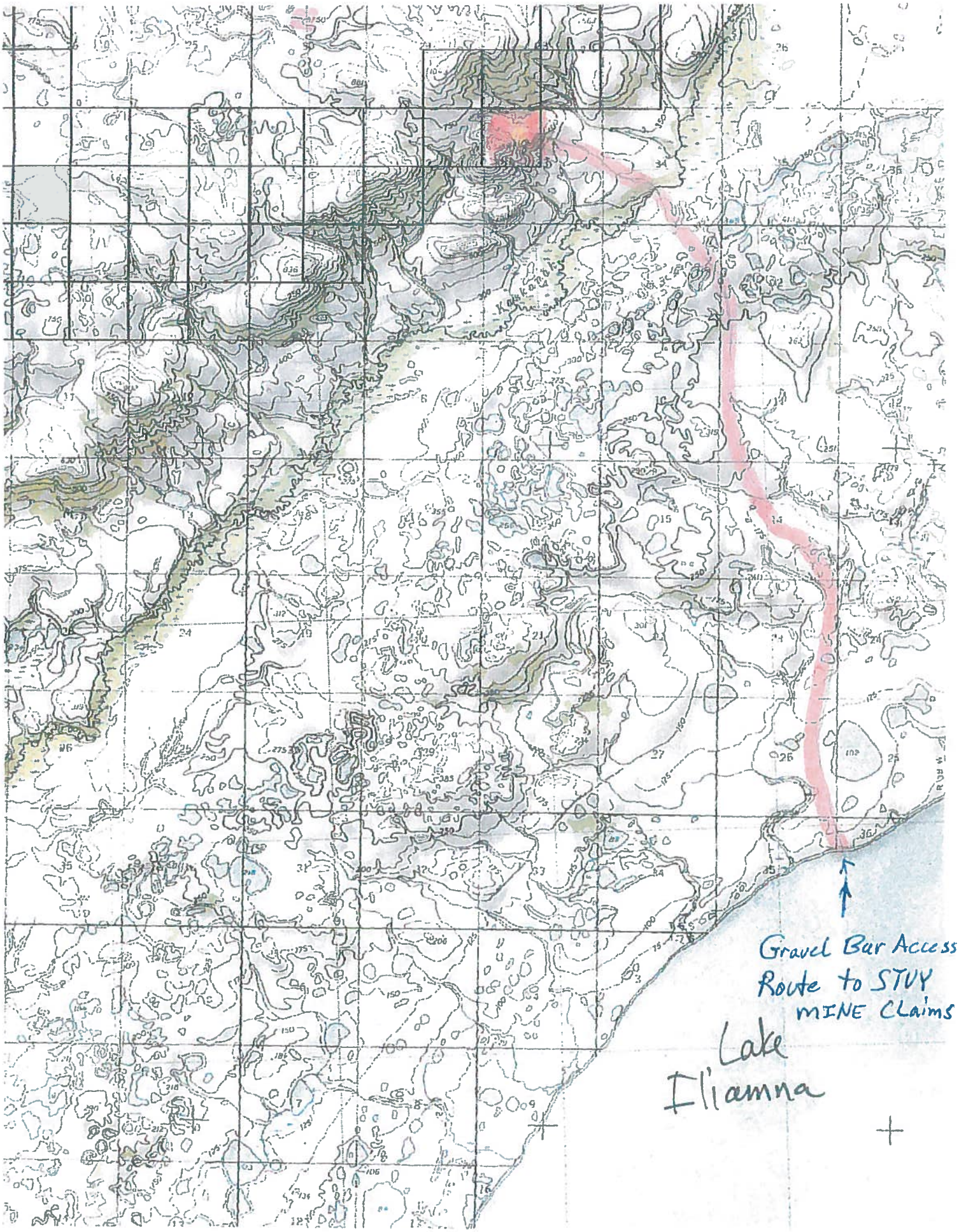
BLM Operators are encouraged to use the optional BLM-Spill contingency plan that can be downloaded at: https://www.blm.gov/sites/blm.gov/files/BLM-AK_spill-contingency-plan_APMA_worksheetSup.pdf

☐ 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:
water bodies required by DNR is 100 feet). 200+ 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


Gravel Bar Access
Route to STUY
MINE Claims
Lake
Iliamna

TEMPORARY STRUCTURES/FACILITIES (19)

Is a camp or placement of *any* temporary structure requested? ☑ Yes ☐ No
If No, Please explain:

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

What type of property is the camp located on? ☑ State ☐ Federal ☐ Private (Patented) ☐ City or Borough ☐ MHTL
If camp is on private land, provide location:

Proposed Perimeter Dimensions of Camp: 80 length (ft) 120 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): 647180
☑ Year-Round ☑ Seasonal, from Approx. 5/1 to 10/30, annually. Tents to be erected seasonally

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed	2 Building		1Bunkhouse & 1 Cook house	10X72	10X12	
Tent	1 & 2		1 Sleeping & 2 Costco Wk Garages	10X10	10X20	
Trailer	2 Container		Bunkhouse & Storage	9.5X8	10.5X8	
Platforms						
Out-Buildings						
Other: Domes	2		Work area & misc.	up to 30' D	up to 36' D	

** 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):
pit privy

Solid Waste - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal (*e.g.*; burn, haul away, buried).
All food waste that may attract bears to be buried. Paper packaging to be burned. Clean plastics and other waste to be hauled out.

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: 200"+. 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.
Tent and tent work area. Not designed for year round use, to be packed and stored yearly. All structures to be place with least environmental impact possible.
Upon expiration of permit if not renewed prior, structures shall be removed and environment restored to a pristine condition.

MINING METHOD (20)

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

Estimated cubic yards processed annually: N/A

☐ 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)	N/A		N/A		N/A	
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 ☐ / o ☐		Yes ☐ / No ☐	
Vessel Registration # / State	#:	State:	#:	State:	#:	State:

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

EXPLORATION TRENCHING and DRILLING (21)

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

Trenching: X **Yes** **No**

Estimated number of trenches to be excavated: 2 per yr . How long will trenches be open? 3days or 30+w/disc·

Average Size: Length: 50-100' apx Feet Width: 3w/slpd edges Feet Depth: 50 to 100 Feet

Drilling: X **Yes** **No**

Total Number of Holes To Be Drilled: apx 20 per yr Type of Drill(s) Used: Core, Shaw, Wanke

Estimated Maximum Depth: 50 to 100 Feet Diameter of Drill Rod/Casing Rod 1", NQ, HQ (NQ/HQ/H,Etc.).

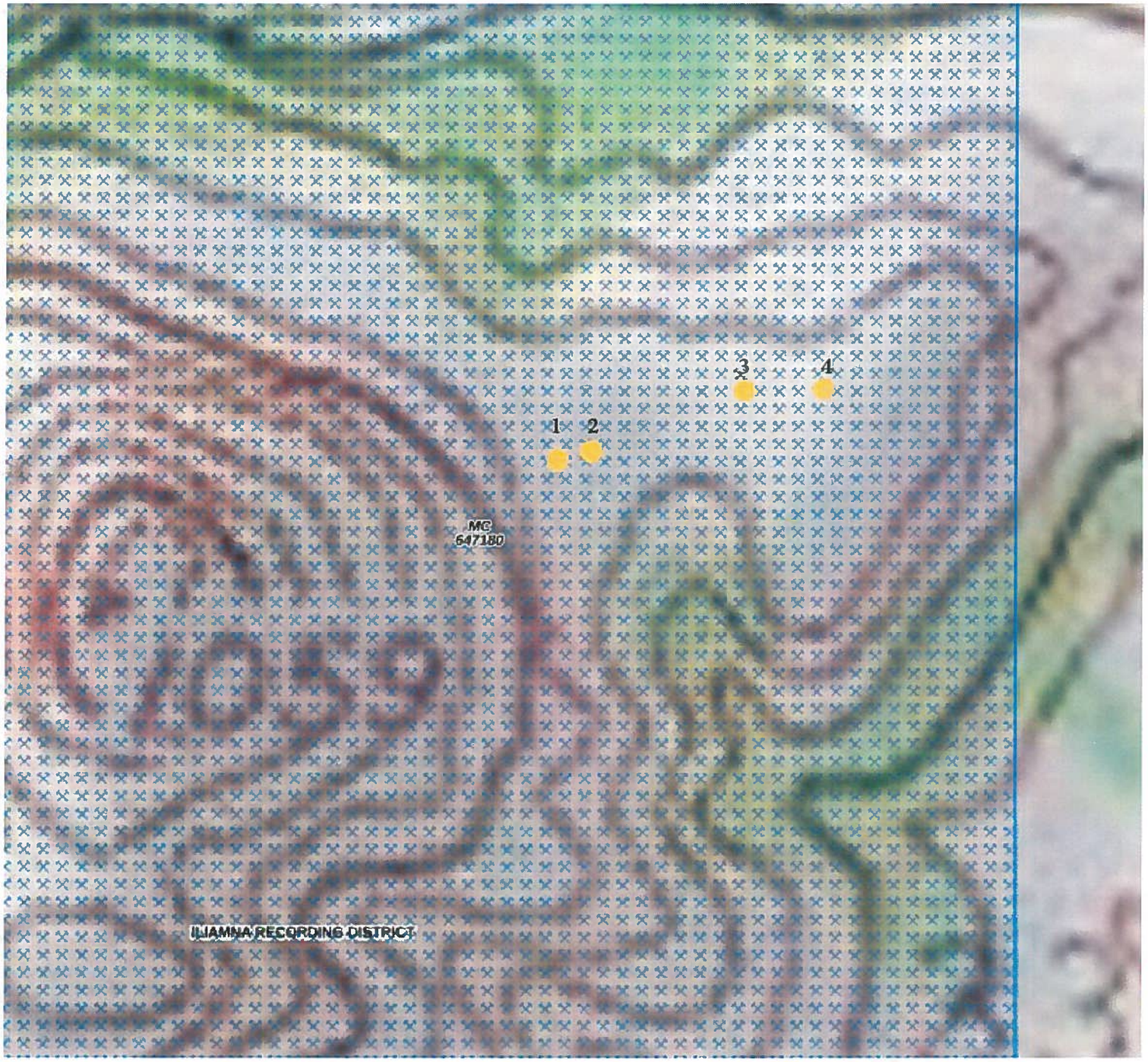
Will water be used? ☑ Yes ☐ No Indicate how many pumps per water source: 1

Water source name(s): Rain water catchment, isolated pond, tributary of Kaskinak Creek with appropriate fish screen

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)
1	647180	59.7042 N	155.7609 W
2	647180	59.7042 N	155.7623 W
3	647180	59.7047 N	155.7581 W
4	647180	59.7047 N	155.7572 W
5			
	see map		

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



1. 59.7042 N. 155.7609 W
2. 59.7042 N, 155.7623 W
3. 59.7047 N, 155.7581 W
4. 59.7047 N, 155.7572 W

Ladouceur, Michael E (DNR)

From: Greg Ellis <gregellis39@gmail.com>
Sent: Friday, September 23, 2022 10:11 PM
To: Ladouceur, Michael E (DNR)
Subject: Stuy Mine LLC
Attachments: Stuy Mine - Topo Map.pdf

CAUTION: This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Mike

Regarding our conversation on geophysical exploration, we plan to set 4 terahertz boxes for 14 days. One box approximately 60 feet each side of GPS points coordinate points 1 and 2 on the attached map, so the boxes will sit approximately 120 feet apart and will be marked with a stake and flag. Please include within the permit, that will be using these boxes for further studies in the future.

Please let me know if you have any questions, and thank you for all of you assistance with this project.
--

Greg Ellis
PO Box 779
La Conner, WA 98257
cell (425) 418-8853
email: gregellis39@gmail.com

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EXPLOSIVES (22)

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

Explosive Handler's Certification/ATF Permit Numbers: _____

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

DAMS (23)

☑ No dam required ☐ Existing ☐ To be constructed

Proposed Structure: ☐ Temporary ☐ Permanent

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

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

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

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

IN-STREAM ACTIVITIES and STREAM CROSSINGS (24)

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

Equipment being brought in for camp, mine and exploration

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.	Tributary of Kaskinak Crk	N59.42.268	W16645671	pump location			✓
2.	Kaskinak Creek			least invasive crossing	✓		
3.				location possible, TBD			
4.							
5.							

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

WATER USE AUTHORIZATIONS

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

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

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? 1 around drill at each location - if 2" diameter or greater

Recycle pond is pond #: 1 Settling pond is pond #: _____

C. RECYCLE/SETTLING POND SYSTEM (continued).

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

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

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

Pump #1: 8apx hrs/day 3/4 inches 35 gpm 30 days/month
Pump #2: 8apx hrs/day 1 1/2 inches 50 apx gpm 15 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 5

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

Name of water source (if any): _____.

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

E. EXPLORATION ACTIVITIES.

Is water required for exploration activities? ☑ Yes ☐ No

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

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

Estimated hours per day that pump(s) will be used, return line size (in inches), operating pump rate (in gallons per minute), and water usage days per month: Pump #1: 8 hrs/day 3/4 inches 35 gpm 30 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 **(26)**
(Operations on State Lands Only)

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 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 propoerty 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 #: N/A

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

- Mechanical Placer Miners GP (open-cut terrestrial operations): ☐ Yes ☐ No
- Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): ☐ Yes ☐ No
- Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): ☐ Yes ☐ No

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

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: N/A .

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.

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.

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

Latitude: N 59 42 268 Longitude: - W 155 45 671

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

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:

Green Mining Solutions LLC — Greg Ellis Manager — 05/27/2022

Print Name Greg Ellis, Manager — 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: N/A

☐ 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

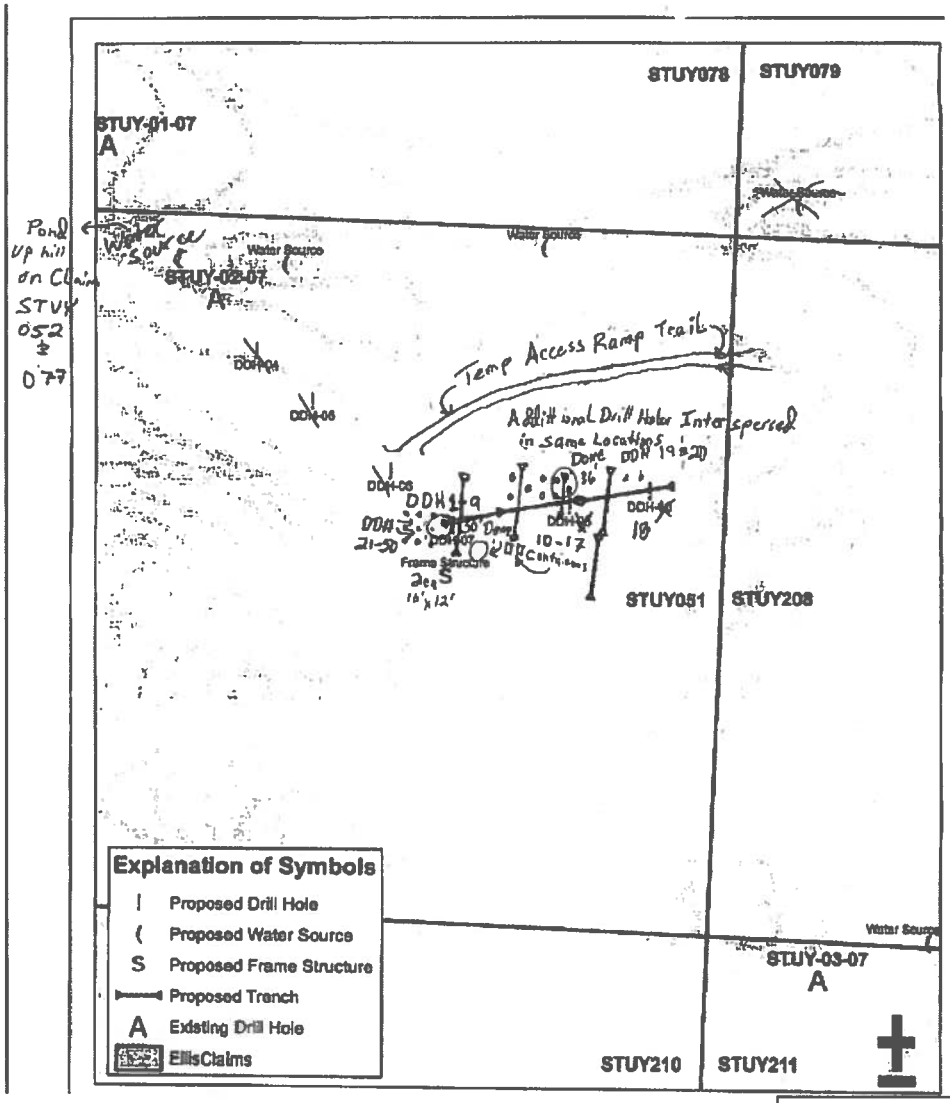
Note: Diversion should approximate the existing stream in terms of meander bends, length, depth, stream width, and floodplain width.

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

PLAN MAP OF OPERATION *REQUIRED

(30)

VICINITY MAP

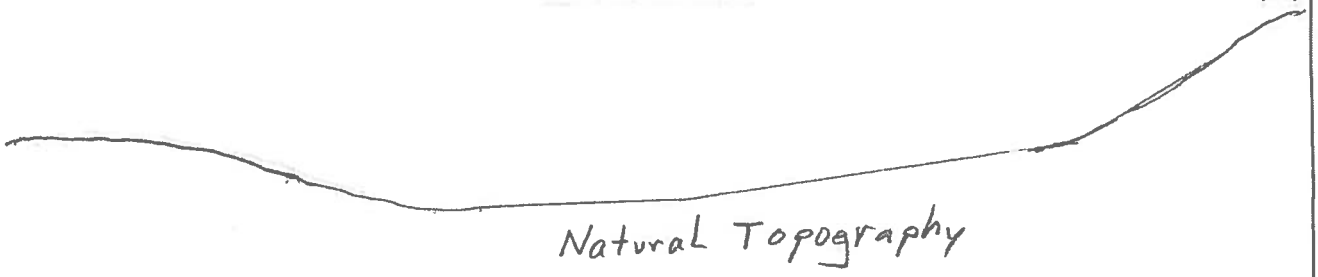


Date Prepared: 06/03/2022	Applicant Name: Green Mining Solutions
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP: T.5S., R.38W., SECTIONS 28 & 33 SEWARD MERID	
Sec.(s) 28 & 33 Township____, Range____, Meridian Seward	
Scale: 1" = 100'ap	ADLs: 647180
SHEET 1 OF 1	APMA #

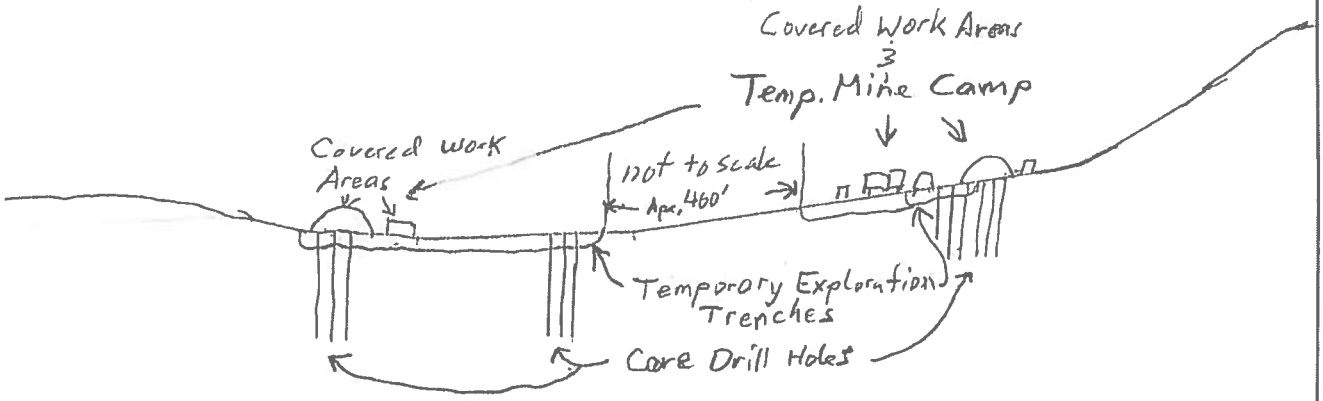
(Attach additional sheets, along with detailed explanations as necessary)

CROSS SECTION SKETCH *REQUIRED

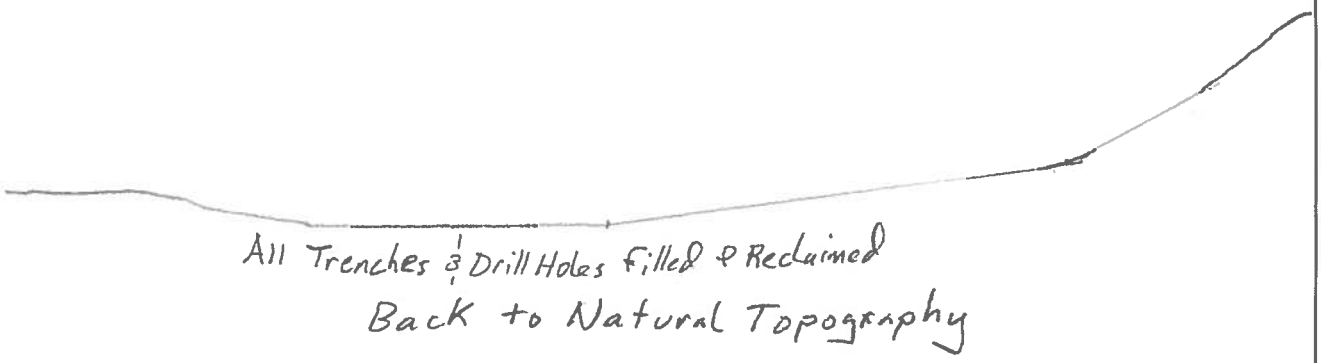
BEFORE ACTIVITY (31)



DURING ACTIVITY



AFTER ACTIVITY



Date Prepared: 5/30/22	Applicant Name: Green Mining Solution
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP: T.5S., R.38W., SECTIONS 28 & 33 SEWARD MERIDIAN	
Sec.(s) 28 &33 Township ____, Range ____, Meridian Seward	
Scale: 1" = 100' apx.	ADLs: 647180 51
SHEET 1 OF 1	APMA #

HARDROCK NARRATIVE *REQUIRED

(32)

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

DESCRIBE ACCESS TO PROPERTY, DRILL/TRENCH SITES, INCLUDING LENGTH AND TYPE OF ACCESS ROUTES. DESCRIBE ACCESS RECLAMATION MEASURES TO BE CONDUCTED AND TIMELINE: This mine exploration project sits apx 6 miles from the shore of Lake Iliamna (see temp access map) and apx 30 miles SW of Iliamna airport. We will have helicopter and fixed wing support from Iliamna . Temp access for equipment shall be reclaimed at project completion and permit expiration.

DESCRIBE EXPLORATION METHOD, SCOPE OF WORK PROPOSED, EQUIPMENT, WHEN AND WHERE ACTIVITIES WILL OCCUR, PERSONNEL HOUSING LOCATION AND CAMP DESCRIPTION: Diamond core drilling apx 50' to 120' deep, apx 12 per year. 8 in between #1 & #2 coordinates and 4 in between #3 & #4 coordinates on topo map. Trenching reclaimed as we go within apx 3 days except discovery of anomalous areas apx 30 days. Trenches up to apx 100' long apx 8' deep and 3' wide. Base camp at Grams Iliamna. Field camp per map & description. Up to 2 work domes, 1 tent, 2 Costco type garage work tents, 2 8'x8' containers, 2 temp buildings 10'x12'. Predominately summer operation possible, other dates weather permitting

DESCRIBE SITE PREPARATION ACTIVITIES AND PRE-RECLAMATION MEASURES:

Minimum natural disturbance possible to conduct our activities. Special vegetation areas roped off for protection

DESCRIBE PAD CONSTRUCTION AND DIMENSIONS:

Up to 2 14'x14' drill pads, usually small backpack drill with no pad. 3 each 6"x6"x14' timbers blocked up to level with 2"x10"x14' planks.

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

Mostly 50' deep 1" to 2" cores collected, boxed and shipped out. Minimal additional waste raked out. Any core drilling over 2" HQ and larger will create drill water collection berm to conserve drill water use. Only green drill fluids will be used if necessary, see attached description (EZ-MUD GOLD).

DESCRIBE FUEL HANDLING AT EXPLORATION SITES DRILL (PADS AND TRENCHES) AND OFF SITE (CAMP OR BASE OPERATIONS). DISCUSS SPILL PREVENTION AND RESPONSE PLAN: Only 55 Gallon Drums will be used. All fuel stored in fuel containment berm with liner.

DESCRIBE WATER USE INDCLUDING ESTIMATE OF DAILY WATER USE:

Apx 10 Gallons cam p water used per day. Apx 50 Gallons drill water per day

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

Exploration is planned in upland areas only to protect fish and streams. Trenching will be graded and reclaimed to protect wildlife. A portion of project profits are committed to sustainable restoration and enhancement of local villages.

DESCRIBE CLOSURE, PLUGGING METHODOLOGY, SURFACE RECLAMATION AND ABANDONEMENT:

Trenches will e graded to match original topography with an topsoil saved and redistributed upon top layer for vegetation re-growth. Drill holes plugged with bentonite clay.

STUY MINES, LLC.

State of Alaska D.N.R.

Mining Claims

November 28, 2017

Maintaining 14 Claims

Claim	Number						Acres
STUY 51	647180	Seward	05S	38W	33	NW	160
STUY 52	647181	Seward	05S	38W	32	NE	160
STUY 53	647182	Seward	05S	38W	32	NW	160
STUY 77	647206	Seward	05S	38W	29	SE	160
STUY 162	657803	Seward	05S	38W	18	NE	160
STUY 171	657812	Seward	05S	38W	18	SE	160
STUY 176	657817	Seward	05S	38W	20	NW	160
STUY 177	657818	Seward	05S	38W	19	NE	160
STUY 184	657825	Seward	05S	39W	24	SE	160
STUY 185	657826	Seward	05S	38W	19	SW	160
STUY 186	657827	Seward	05S	38W	19	SE	160
STUY 187	657828	Seward	05S	38W	20	SW	160
STUY 193	657834	Seward	05S	38W	29	NW	160
STUY 204	657845	Seward	05S	38W	29	SW	160
						Total:	2240

2021 ANNUAL RECLMATION STATEMENT (33)

☐ Placer Mining
☐ Suction Dredging
☑ Hardrock Exploration APMA # _____

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

In accordance with AS 27.19 (Reclamation Act):

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

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

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

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

Length _____ feet and Width _____ feet of stream diversion.

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

Total Area reclaimed in 2021: _____ acres.

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

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

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

Other Reclamation Measures Taken:

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

Green Mining Solutions LLC

Signed Greg Ellis manager Date 06/03/2022

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

2022 RECLAMATION PLAN FORM (HARDROCK EXPLORATION)

☐ 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 2021 Annual Reclamation Statement for Small Mines, or line #7 on your 2022 Bond Pool Renewal Form. Disturbed ground includes all unreclaimed mining and exploration activity (excluding camps and roads) since October 1991. Federal operators must include areas of camps and roads.

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

Acreage disturbed by land status: apx 4 State (general) 0 State (Mental Health) 0 Private 0 Federal

Total acreage to be reclaimed in 2022 apx 4 acres; Total volume of material to be disturbed in 2022: est 480 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.

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THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:

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

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

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

BONDING: In accordance with AS 27.19, bonding is required for all operations having a mined area of ≥ 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.**

Green Mining Solutions LLC Printed name (Applicant)	Relationship to Mineral Property:	Date: 06/03/2022
Greg Ellis manager Signature (Applicant)	☐ Owner ☑ Lessee ☑ Operator ☐ Agent For: _____	APMA #: _____