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

☐ Single Year _____ ☑ Multi-year Start: 6/15/2025 Finish: 10/15/2030 APMA Number (A/F/J,Year,****) 2955

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

☐ Suction Dredging/Reclamation
☐ Placer Mining/ Reclamation
☑ Hardrock Exploration/ Reclamation
☐ Reclamation Only
☑ Access

Surface estate of mineral properties: *REQUIRED (2)

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

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

Name: Great Land Minerals, LLC
Primary Phone Number: 406-827-3523
Address: 251 Little Falls Dr.
Wilmington, DE 19808
Secondary Phone Number: 520-465-8650
Email: rblakestad@usantimony.com

Click here for the Department of Commerce Link

Alaska Business/Corporation Entity# 10270376
Registered Agent (Corp./LLC/LP) Corporation Service Company

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

Name: James Oliver
Primary Phone Number: 907-373-4102
Address: 8050 S Alix Drive
Wasilla, AK 99623
Secondary Phone Number: 907-947-0238
Email: jdoliver@mtaonline.net

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

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

Name: Range Minerals Corporation
Primary Phone Number: 907-388-8381
Address: 1001 SKI BOOT HILL ROAD
Fairbanks, AK 99709
Secondary Phone Number:_____
Email: babarstow@hotmail.com

Alaska Business/Corporation Entity# 22061D
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)
Ester Antimony Project	10	6/01/2025 to 10/15/2030

Mining District: *REQUIRED (10)	Applicable USGS Map(s): *REQUIRED (11)	On What Stream Is This Activity? (12)
Fairbanks	Fairbanks D2 and D3	None

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

Fairbanks Meridian, T01N, R02W, Section 32
Fairbanks Meridian, T01N, R03W, Sections 13, 24 and 25

Internal Use Only:

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

MINERAL PROPERTIES LIST (14)

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

If requesting more than 12 claims, are additional sheets with ADL/BLM/USMS and legal descriptions attached? ☑ Yes ☐ No

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

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.	See Attachment #1		7.		
2.			8.		
3.			9.		
4.			10.		
5.			11.		
6.			12.		

INVENTORY OF EQUIPMENT (15)

List all mechanized equipment to be used (make, model, type, size, purpose, and number of each, including pumps). Attach additional sheets as necessary. If you are transporting on a trailer to the claim block, include the trailer size.

	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.	CAT D6 Dozer, or similar	1	✓	✓
2.	CAT 315 Excavator, or similar	1	✓	✓
3.	Ford F250, or similar	4	✓	✓
4.	F-550 Ford Dump Truck, or similar.	1	✓	✓
5.	Case TR270 Track loader skidsteer, or similar	1	✓	✓
6.	Air Track Drill <90 ft depth capacity Atlas Copco T30, or similar	1	✓	✓
7.	CAT 325 Excavator, or similar	1	✓	✓
8.	PrimeTech 300 Masticator, or similar	1	✓	✓

ACCESS TO THE CLAIM BLOCK (16)

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

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

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

State ☑ City/Borough ☑ Federal ☐ Private ☑

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

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

☑ Existing Route or a RST/ RS 2477 Easement with a mineral base surface.
If the RST/ RS 2477 Easement(s) has a State of Alaska number, please list: Historical trails used for mining access

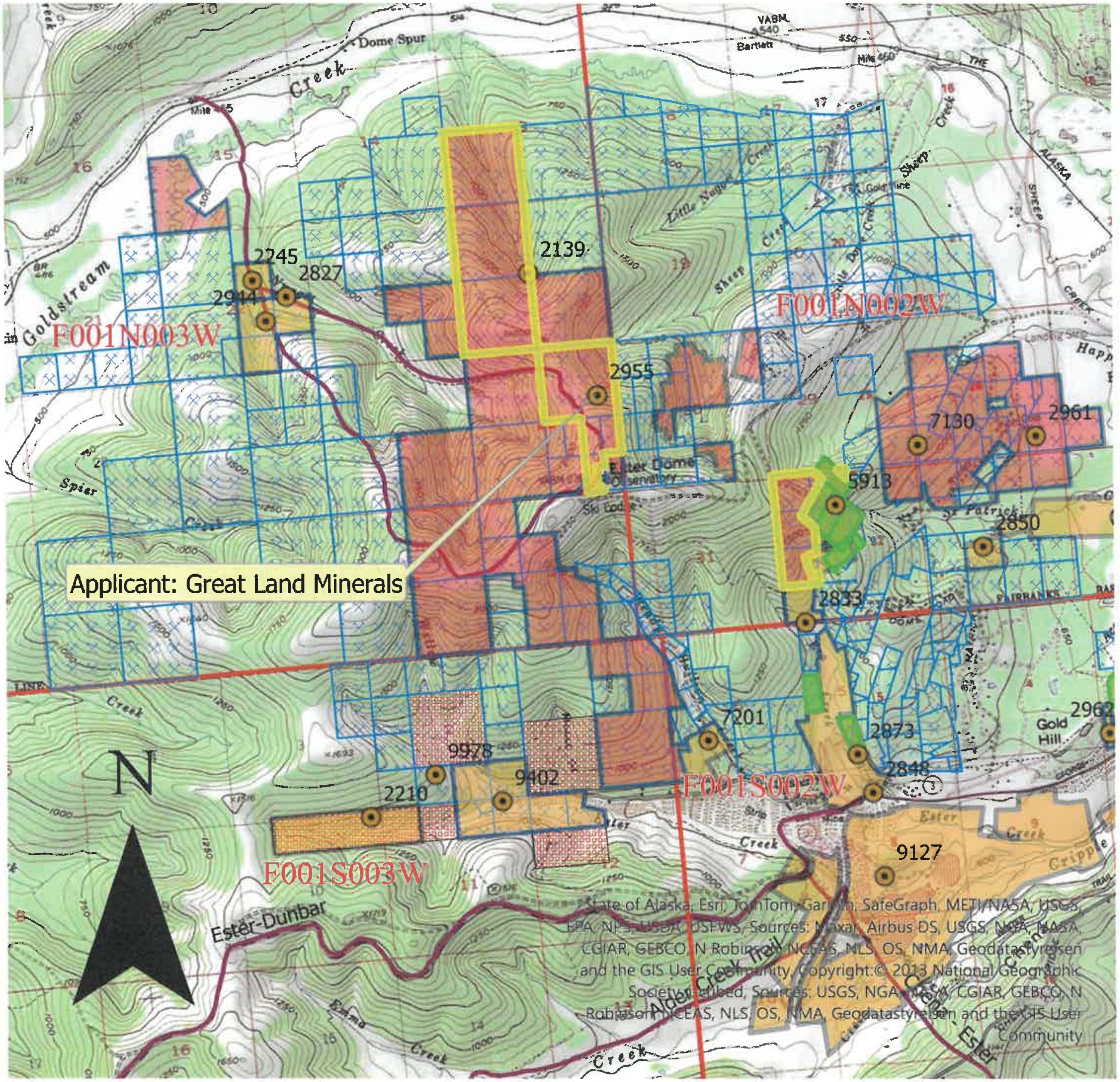
☐ Navigable Waterway

☐ Aircraft Supported

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

Road(s) ☑ Helicopter Pad ☐ Airstrip ☐ No Improvments or Construction Proposed ☐

APMA 2955 Active Area



This map was created on 5/9/2025 by the Alaska Department of Natural resources as a courtesy to supplement the application received. This map displays a graphical illustration only. Source documents remain the official record.

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Scale: 1:63,360

- Mechanical Placer Mining
- Hardrock Exploration
- State Mining Claim Active
- Permit Lease ME Poly
- RS2477 Historic Transportation Routes

0 0.75 1.5 Miles

Center: 148°3'59"W 64°52'24"N

CASE_ID	CSTMRNM	SPCLCDDSCR	CSSTTSDSCR	CLAIM_NAME	NTPSTDT	RFRSHDT
ADL 734290	RANGE MINERALS CORPORATION	MINING CLAIM (MC)	ACTIVE (35)	EDM3	10/15/2020 9:56	5/9/2025 4:01
ADL 734295	RANGE MINERALS CORPORATION	MINING CLAIM (MC)	ACTIVE (35)	EDM8	10/15/2020 9:56	5/9/2025 4:01
ADL 734332	RANGE MINERALS CORPORATION	MINING CLAIM (MC)	ACTIVE (35)	EDM45	10/15/2020 12:50	5/9/2025 4:01
ADL 734333	RANGE MINERALS CORPORATION	MINING CLAIM (MC)	ACTIVE (35)	EDM46	10/15/2020 12:50	5/9/2025 4:01
ADL 340185	RANGE MINERALS CORP.	MINING CLAIM (MC)	ACTIVE (35)	UNITED 90	4/20/1981 0:02	5/9/2025 4:01
ADL 604642	RANGE MINERALS CORP.	MINING CLAIM (MC)	ACTIVE (35)	1N3W24SW	8/29/2001 14:36	5/9/2025 4:01
ADL 604653	RANGE MINERALS CORP.	MINING CLAIM (MC)	ACTIVE (35)	1N3W25NE	8/29/2001 11:02	5/9/2025 4:01
ADL 313595	RANGE MINERALS CORP.	MINING CLAIM (MC)	ACTIVE (35)	UNITED 103	3/10/1973 0:02	5/9/2025 4:01
ADL 313596	RANGE MINERALS CORP.	MINING CLAIM (MC)	ACTIVE (35)	UNITED 104	3/8/1973 0:02	5/9/2025 4:01
ADL 619896	OLIVER, JIM	MINING CLAIM (MC)	ACTIVE (35)	ST PAUL 2	1/9/2015 8:04	5/9/2025 4:01
ADL 619898	OLIVER, JIM	MINING CLAIM (MC)	ACTIVE (35)	ST PAUL 1	1/9/2015 8:04	5/9/2025 4:01

ACCESS TO THE CLAIM BLOCK, CONTINUED (16)

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

Access to the claims will be from the south end of Henderson Road or the East end of Ester Dome Road to the top of Ester Dome.

Historical access trails lead north of, and southwest of, the top of Ester Dome. See Attachment #2.

A access map **MUST** be submitted with your application. Topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish, location of proposed construction activities, and appropriate legal descriptions (township and range) on each map sheet. Paper size should be limited to 8 ½" x 11". Do not tape maps together.

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

Great Land Minerals, LLC

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

Primary route of access to the claim group is Henderson Road leading north from Ester, and/or Ester Dome Road leading west of Sheep Creek Road. From the top of Ester Dome several historical mining roads and access trails lead north, west and southwest to various areas with mineral potential.

CAT D6 Dozer: 50,000 lb, CAT 315 Excavator: 35,000 lb, Ford F250, or similar 10,000 lb; CAT 325 Excavator, or similar: 58,000 lb; F-550, or similar dump truck: 19,500 lb; Case TR270 Track loader skidsteer, or similar: 8,270 lb; Air Track Drill <90 ft depth: 27,120 lb; PrimeTech 300 Masticator: 28,000 lb

State the average total miles traveled in one round trip: 7 miles. State the number of trips proposed: six vehicles Daily.

State the start and end date(s) or period(s) of proposed travel: May 1-Oct 15, See Appendix #2.

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

☑ Uplands ☐ Rivers or Other Water Bodies ☑ Wooded Areas (6" Trees or larger at breast height)

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

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

Are you transporting fuel? ☑ Yes ☐ No

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

2000 gallons in fuel truck or 100 gal tank in pickup truck - SEE ATTACHMENT #2

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:

No fuel contained on properties

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

Welded steel tanks in pickup truck or fuel delivery truck

ACCESS TO CLAIM BLOCK CONTINUED (16)

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

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

PETROLEUM PRODUCT STORAGE (17)

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

Do you have either a trained spill response team or a contract with a spill response company? ☑ Yes ☐ No

Describe any measures you plan to take to minimize drips or spills from leaking equipment or vehicles:

Equipment operating under this APMA will utilize drip pans & have a spill cleanup kit at hand, with absorbents available at all times.

EMERGENCY SPILL KITS ARE KEPT WITH ALL FIELD EQUIPMENT AND AT TEMPORARY STORAGE SITES WHERE

HEAVY EQUIPMENT IS TO BE USED. GROUND COVER WILL BE USED UNDER EQUIPMENT DURING FUELING

NO FUEL STORED ON SITE - ALL TRANSIENT

Quantitiy Petroleum Products to be Stored on the Project Site?

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

☐ 1,321-10,000 gallons of total storage (count only containers with a capacity of 55 gallons or greater). A self-certified Spill Prevention, Control, and Countermeasure (SPCC) plan is required and applies to all products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil. The self certified SPCC form can be downloaded at: https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations/tier-i-qualified-facility-spcc-plan-template.

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

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

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

Are fuel containment berms around storage containers? ☐ Yes ☐ No Is berm area lined? ☐ Yes ☐ No N/A

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

TEMPORARY STRUCTURES/FACILITIES (18)

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

If "No", Please explain: Two 10ftx10ft First-up canopy tents for personnel shelter from weather while working in the field, no camp.

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

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

If camp is on private land, provide location: No camp - just shelter tents, two each 10 ft x 10 ft area

Proposed perimeter dimensions of camp: 20 Length (feet) 10 Width (feet).

☐ Request use of **existing** facilities, list ADL(s): N/A

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

☑ Request to place **new** temporary structures, list ADL(s): Tent canopy at each exploration target site

☐ Year-Round ☑ Seasonal, from Approx. May to October, annually.

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed						
Tent	2	0	field rock sampling/logging/geology	10 x 10	10 x 10	
Trailer						
Platforms						
Out-Buildings	2	0	Porta Pottys	5 x 5	5 x 5	
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):

Two (2) self-contained Porta-Potty will be strategically placed for the convenience of field workers.

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

Solid waste will be disposed of at waste disposal sites in Fairbanks, or at FNSB landfill.

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: ~1 mile

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

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

Temporary geologist tents will be moved as necessary from one exploration target area to the next. All equipment will be removed from properties after work completed for the season. No oil or fuel materials will be left on the properties after field season. All surface disturbance will be restored prior to commencement of each field season, except those excavations in need of further work. Excavations left open will be protected from animal and human entry and exit ramps installed.

MINING METHOD (19)

☐ 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)						
Vessel Dimensions						
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches:	HP:	Inches:	HP:	Inches:	HP:
Mechanical Dredge Bucket Volume	Cubic Yards:		Cubic Yards:		Cubic Yards:	
Processing Rate	Yds.^{3}/Hr.:		Yds.^{3}/Hr.:		Yds.^{3}/Hr.:	
Wastewater Discharge Rate	GPM:		GPM:		GPM:	
Maximum Water Depth	Feet:		Feet:		Feet:	
Average Daily Operating Hours						
Operation on Sea Ice (Yes/No)	Yes ☐ / No ☐		Yes ☐ No ☐		Yes ☐ / No ☐	
Vessel Registration # / State	#:	State:	#:	State:	#:	State:

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

PLACER EXPLORATION DRILLING AND TEST PITS (20)

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

Test Pits: ☐ **Yes** ☐ **No**

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

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

Placer Drilling: ☐ **Yes** ☐ **No**

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

Drilling and Test Pit Identification and Mineral Property Information	
Trench/Hole ID on Map	ADL/BLM/USMS NUMBER

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

EXPLOSIVES (21)

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

Explosive Handler's Certification/ATF Permit Numbers: _____

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

WATER ENTRAPMENT (22)

Will you be capturing water for use in mining operations? ☐ Yes ☑ No The entrapment is: ☐ Existing ☐ To be constructed

Where does the water have a potential to being stored? ☐ Above ground ☐ Below ground level ☐ Both

If above ground, what is the Length ____ ft Height ____ ft Width at crest ____ ft Width at base _____ft of the berm(s)

What is the purpose of the water use? ☐ Makeup water pond ☐ Settling/recycle pond ☐ Stream diversion Other_____

How long do you expect for the entrapment to be in place ☐ Permanent ☐ 1-3 years ☐ 3-5 years ☐ 5 or more

If above ground, how many acre-feet is the maximum capacity of water stored from ground level to crest of the berm?_____

Total volume in acre-feet = surface area (acres) x average depth (feet) (1 acre = 43,560 square feet)

Where is the topographic location of the water storage area? ☐ Valley bottom ☐ Hillside

If on a hillside, Approximately how many feet is the water storage above the valley floor_____ft

IN-STREAM ACTIVITIES and STREAM CROSSINGS (23)

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

N/A

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.					☐	☐	☐
2.					☐	☐	☐
3.					☐	☐	☐
4.					☐	☐	☐
5.					☐	☐	☐

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

WATER USE AUTHORIZATIONS

If water is impounded, withdrawn, or diverted, the ADNR Water Resources Section needs to review the water sources and water uses to determine if a water use authorization is needed. Water usage (including from 100% recycle pond systems) may require approval by issuing a Temporary Water Use Authorization (TWUA) or a Water Right. Information provided below will be used to determine the quantity of water that you may be authorized to use for your mining operation. When estimating water quantities, please estimate withdrawal amounts typical of a dry summer and provide the maximum quantity that you may withdraw from a particular source (e.g., stream, pond, groundwater, etc.) in a season. A TWUA application may be initiated from this APMA, unless a Water Right is requested. Please contact the ADNR, Water Resources Section at telephone number (907) 451-2790 for more information.

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

Name & Location of Water Source(s):

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

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

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

Provide the geographic name or locally know name of water Source. *(Recycle/settling ponds, creek, stream, well, etc.)* If requesting a stream reach, clearly identify the entire stream reach on a legible map.	Meridian	Township	Range	Section(s)	Start-Up Water and/or Make-Up Water? Check each applicable box.			
Example: Unnamed Creek	F	3N	3W	20	Start-Up	X	Make-Up	X
1. None					Start-Up	☐	Make-Up	☐
	Latitude:			Longitude:				
2.					Start-Up	☐	Make-Up	☐
	Latitude:			Longitude:				
3.					Start-Up	☐	Make-Up	☐
	Latitude:			Longitude:				
4.					Start-Up	☐	Make-Up	☐
	Latitude:			Longitude:				
5.					Start-Up	☐	Make-Up	☐
	Latitude:			Longitude:				

WATER USE AUTHORIZATIONS CONT. (24)

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

Geographic Name of Water Source *(Same as sources Above).* Describe the water use information for each source. For recycle/settling pond system complete Section C.	**Diversion (gpm/cfs)**	**Withdrawal Rate (gpm/pump)**	**Number of Pumps**	**Hours per Day**	**Days per Month**
1. None					
2.					
3.					
4.					
5.					

C. Recycle/Settling Pond System

This system will also need to be listed as a water source in Section A. This entire pond system counts towards the 5 sources allowed per TWUA. Provide Length (L), Width (W), and Depth (D), of each pond. Beaver ponds or similar nature made impoundments will not be permitted for use as settling ponds.

Withdrawal Rate (gpm/pump)	**Number of Pumps**	**Hours per Day**	**Days per Month**	**Additional Notes:**
Pond # 1: L:___ ft W:___ ft D:___ft			Pond # 2: L: ___ft W: __ft D:___ ft	
Pond # 3: L:___ ft W:__ ft D:__ft			Pond # 4: L: ___ft W: __ft D:___ ft	

D. Camp Water Uses

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

Maximum # of People in Camp	**Withdrawal Rate (gpm/pump)**	**Number of Pumps**	**Hours per Day**	**Days per Month**	**Source(s) of Water** Well, Haul, Stream, Spring, Lake Source(s) will count towards the 5 sources identified in Section A.
NA	NA	NA	NA	NA	
Additional Notes:					

WATER USE AUTHORIZATIONS CONTINUED

(24)

E. Exploration Activities A map of your requested drilling water sources is required with the following information: -MTRS sections, -stream reaches or other water sources (please label, including take points if known) -and drill hole locations.	Is Water Needed for Exploration Trenching or Drilling?	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring Lake, etc. Source(s) will count towards the 5 sources identified in Section A.
	NO					

D. SUCTION DREDGING.

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

TIMBER CLEARING AND USE

(Operations on State Lands Only)

(25)

Pursuant to AS 38.05.255, timber from land open to *mining without lease*, except "timberland", may be used by a mining claimant or prospecting site locator for the mining or development of the location or adjacent claims under common ownership. Timber not used for the mining or 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.

TIMBER WILL BE CLEARED ONLY FOR PURPOSES OF ACCESS TO EXPLORATION TARGET AREAS.

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.

NO TIMBER WILL BE USED UNDER THIS PERMIT FOR MINING PURPOSES. HOWEVER SOME TIMBER WILL NEED TO BE REMOVED FOR ACCESS PURPOSES ONLY.

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

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

WASTEWATER DISCHARGE PERMIT APPLICATION (26)

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

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

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

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

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

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

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

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

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: Rodney A. Blakestad, V.P. Mining Division, USAC

Business Name (if applicable) - Printed: Great Land Minerals LLC, subsidiary of U.S. Antimony Corporation

SECTION 404 WETLANDS PERMIT

JURISDICTIONAL DETERMINATION (CORPS JD) and MITIGATION STATEMENT

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

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

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

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

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

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

Latitude: 64.8756 Longitude: - 148.0097

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

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

Certification Statement

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

Operator or Agent:

Rodney A. Blakestad	Rodney A Blakestad Digitally signed by Rodney A Blakestad DN: cn=Rodney A Blakestad, o=US Antimony Corp., ou, email=rblakestad@usantimony.com, c=US	4/10/2025
Print Name	Signature	Date

STREAM DIVERSION AND CULVERTS (28)

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

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

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

Stream Name: N/A

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

Diversion Start/upstream Location (Lat/Long)_____

Diversion End/Downstream Location (Lat/Long)_____

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

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

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

Dimensions of existing stream in diversion area:

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

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

Dimensions of proposed diversion:

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

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

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

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

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

PLAN MAP OF OPERATION *REQUIRED

(29)

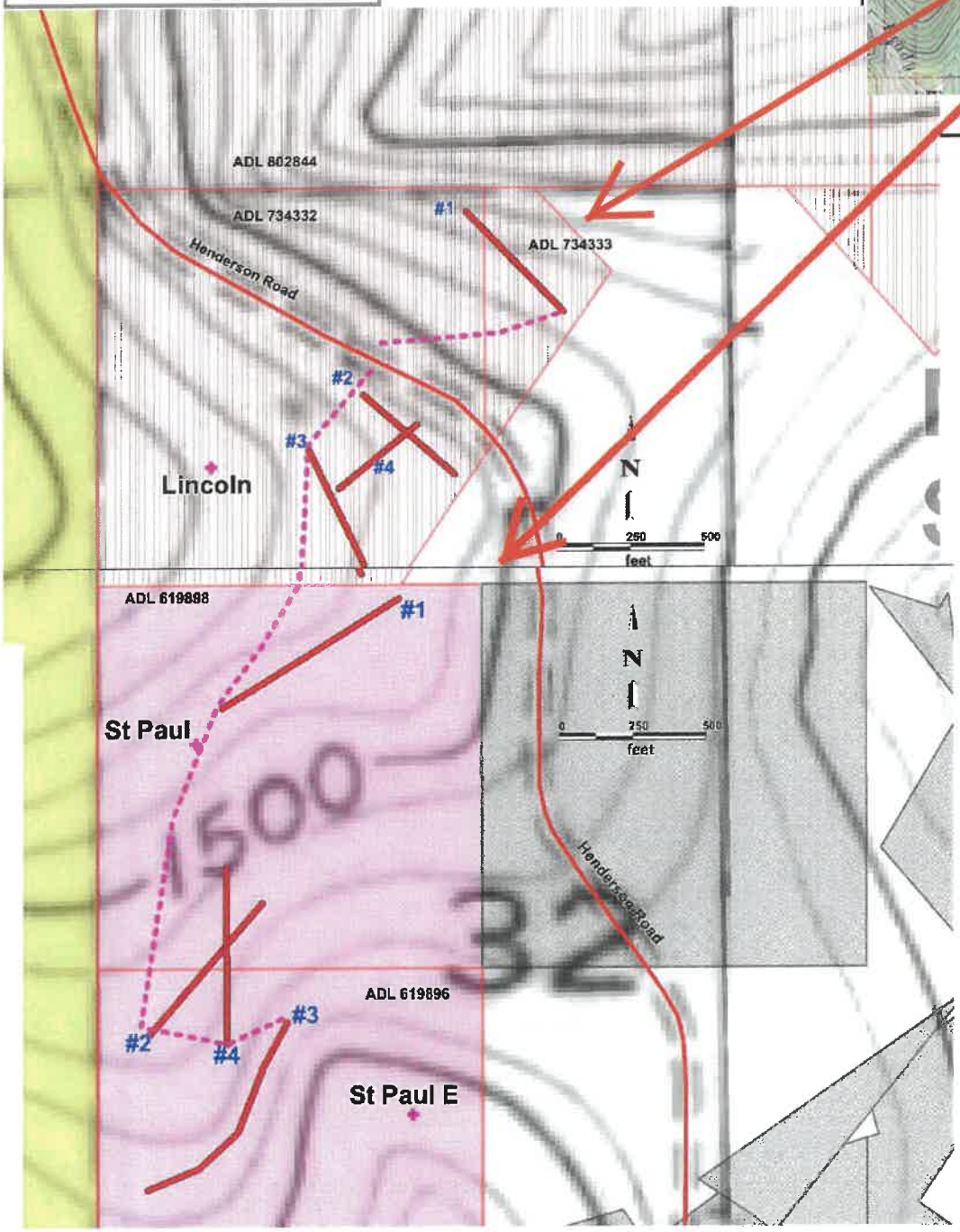
LEGEND

- Henderson Road
- New trails to Trenches
- Trench and Number #1

T1N, R2W, Section 32
Lincoln, St Paul, and
St Paul East Targets

VICINITY MAP

From Fairbanks D-3 Quad



APMA #	ADLs: 734332, 734333, 619898, 619895

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

PLAN MAP OF OPERATION *REQUIRED

T1N, R3W, Sec 13 & 24

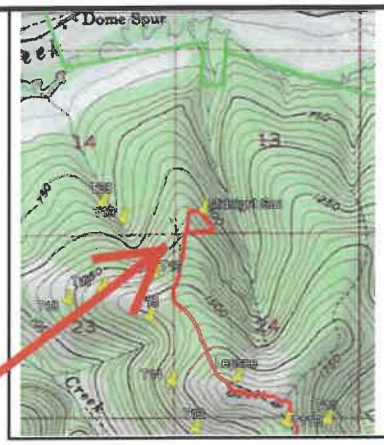
Midnight Sun Target Area

LEGEND

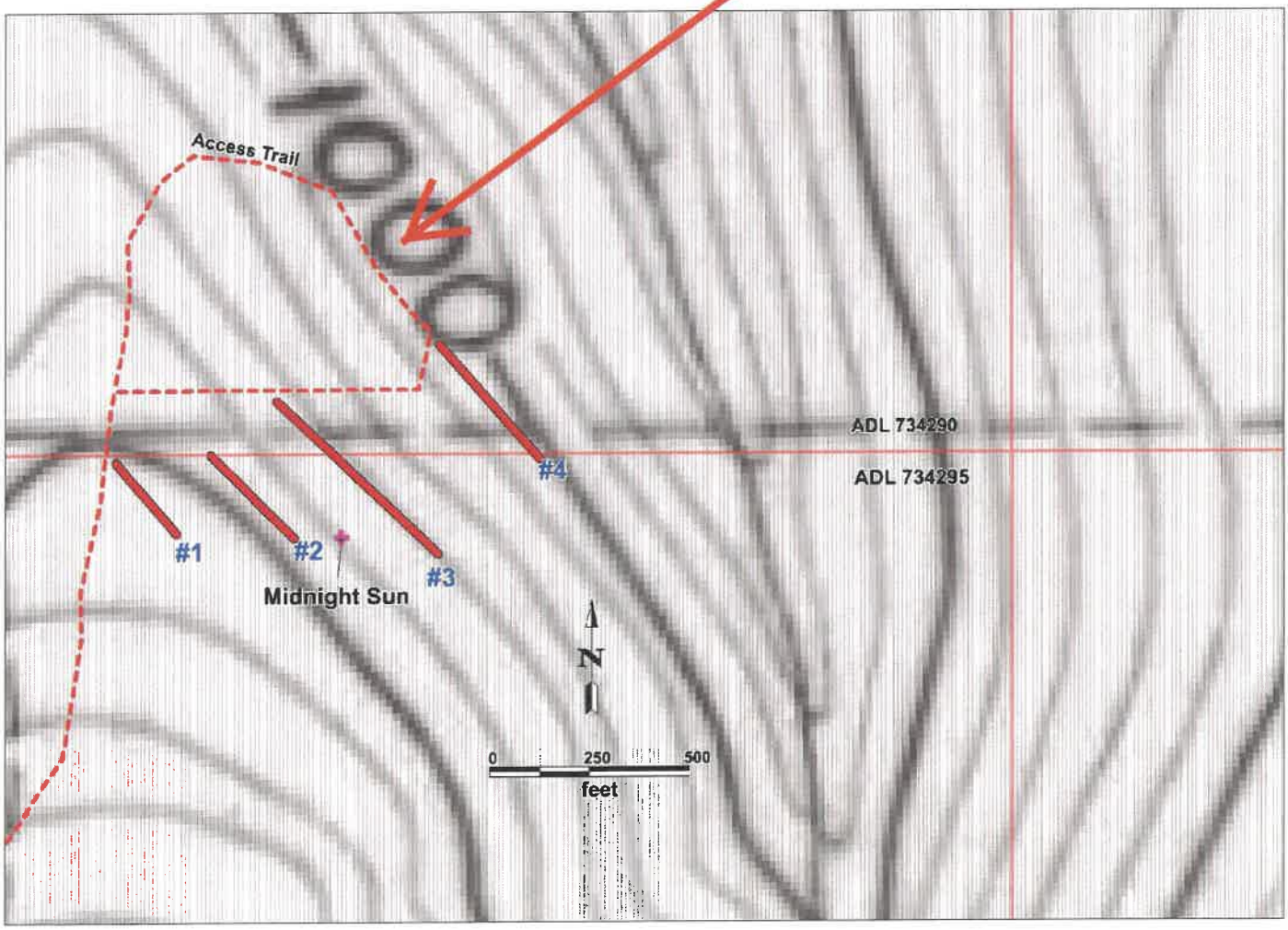
Existing Historical Trail

Trench and Number

#1



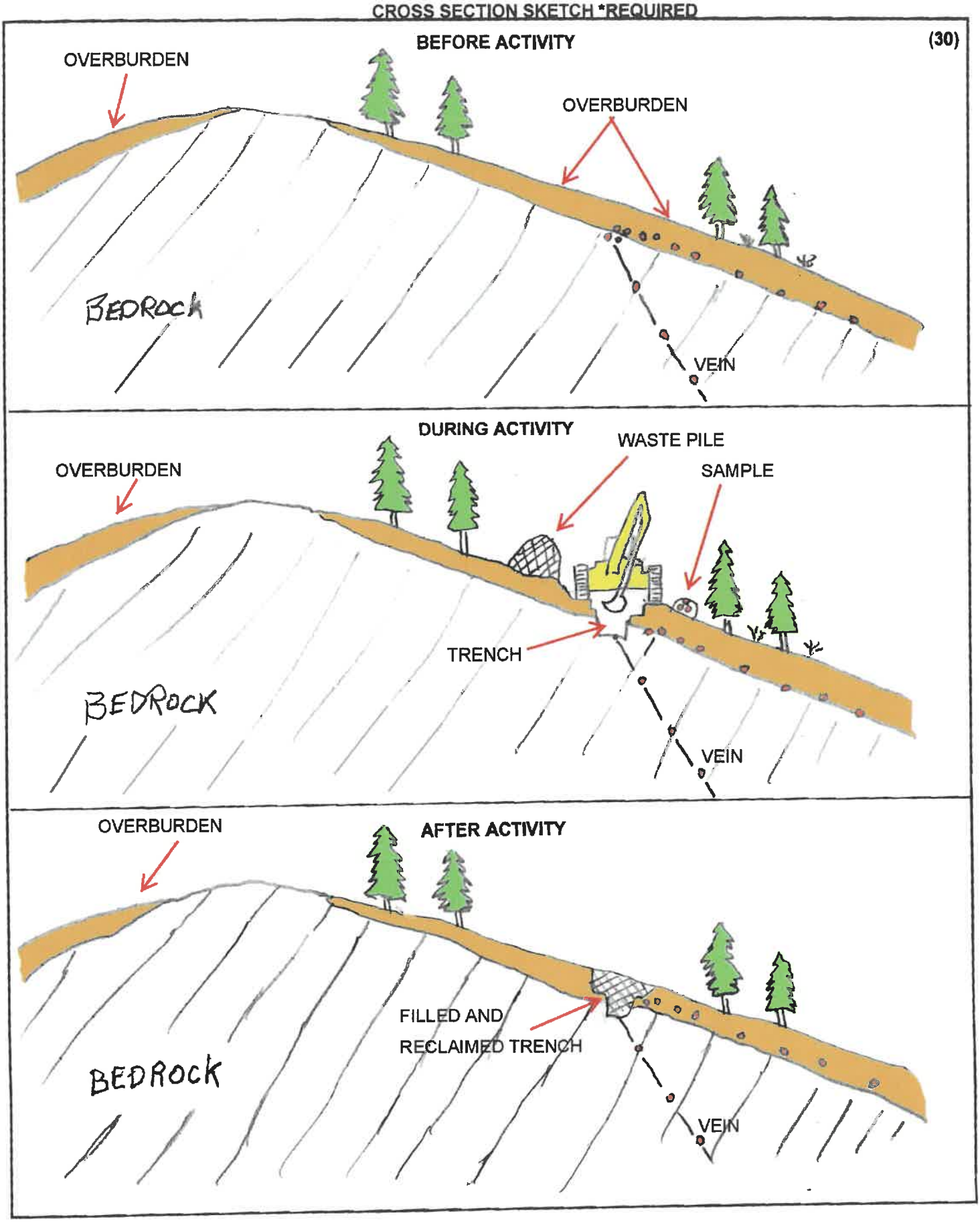
VICINITY MAP
From Fairbanks D-3 Quad



APMA #	ADLs: 734332, 734333, 619898, 619895

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

CROSS SECTION SKETCH *REQUIRED



PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(31)

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

DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT:

SEE ATTACHMENTS.

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

N/A

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

ALL PLANS & METHODS DISCUSSED IN HARDROCK EXPLORATION NARRATIVE

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

SEE ATTACHMENTS

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

SEE ATTACHMENTS

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

SEE ATTACHMENTS

HARDROCK EXPLORATION TRENCHING and DRILLING (32)

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

Trenching: ☑ Yes ☐ No

Estimated number of trenches to be excavated: 30 How long will trenches be open? ~1 to 2 WEEKS

Average Size: Length: 200 to 700 Ft. Width: 4 to 8 Ft. Depth: 3-8 Ft.

Drilling: ☑ Yes ☐ No Type of Drill(s) Used: Airtrack Drill

Total Number of Holes 300 Diameter of Drill Rod/Casing Rod 3 to 4 in rock bits (NQ/HQ/H,Etc.)

Drilled: Estimated Maximum Depth: >90 ft ft Indicate how many pumps per water source: 0

Will water be used? ☐ Yes ☑ No

Water source name(s): N/A

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	TRENCH ADL NUMBERS ADL/BLM/USMS NUMBER	Decimal Degrees, NAD 83 Datum	
		Latitude	Longitude (approximate)
See Attachment #3			
Trenches	ADL 734332	64.8756	-148.0097
Trenches	ADL 734333	64.8772	-148.0072
Trenches	ADL 619898	64.8706	-148.0114
Trenches	ADL 619896	64.8693	-148.0131
Trenches	ADL 734290	64.9072	-148.0757
Trenches	ADL 734295	64.9066	-148.0777

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

HARDROCK NARRATIVE *REQUIRED

(33)

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

SEE NARRATIVE IIN ATTACHMENT #4

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

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

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

4.) Describe pad construction and dimensions.

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

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

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

8.) Discuss spill prevention and response plan.

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

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

GREAT LAND MINERALS, LLC

Trench Area	Latitude (DD NAD83)	Longitude (-DD NAD83)		Units:	20			15			4.27	Total Acres
Lincoln Target	MidPoint Lat (NAD83)	MidPoint Log (NAD83)	Mining Claim ADL	Trench Length (ft)	Length x 20 ft in Acres	Tundra Mat	New trail to Trench (ft)	Length x 15 ft in Acres	Percent Reclaimed	Date Reclaimed		
1	64.8772	-148.0072	734333	475	0.218	Upland	635	0.219				
2	64.8756	-148.0097	734332	415	0.191	Upland	-					
3	64.8749	-148.0112	734332	435	0.200	Upland	755	0.260				
4	64.8754	-148.0103	734332	345	0.158	Upland	-					
				1670	0.77		1390	0.48			1.245	
St Paul + St Paul E	MidPoint Lat (NAD83)	MidPoint Log (NAD83)	Mining Claim ADL	Trench Length (ft)	Length x 20 ft in Acres	Tundra Mat	New trail to Trench (ft)	Length x 15 ft in Acres	Percent Reclaimed	Date Reclaimed		
1	64.8736	-148.0116	619898	710	0.326	Upland						
2	64.8706	-148.0114	619898	600	0.275	Upland	150	0.052				
3	64.8693	-148.0131	619896	785	0.360	Upland						
4	64.8708	-148.0135	619898	610	0.280	Upland	2150	0.740				
				2705	1.24		2300	0.79			2.034	
Midnight Sun	MidPoint Lat (NAD83)	MidPoint Log (NAD83)	Mining Claim ADL	Trench Length (ft)	Length x 20 ft in Acres	Tundra Mat	New trail to Trench (ft)	Length x 15 ft in Acres	Percent Reclaimed	Date Reclaimed		
1	64.9065	-148.0811	734295	235	0.108	Upland	50	0.017				
2	64.9065	-148.0794	734295	300	0.138	Upland	150	0.052				
3	64.9066	-148.0777	734295	550	0.253	Upland	150	0.052				
4	64.9072	-148.0757	734290	380	0.174	Upland	100	0.034				
				1465	0.67		450	0.15			0.828	
Bulk Sample excavation at 60 x 20 ft			6	60	0.028						0.165	
Volume of matterial disturbed			Sum Tr Length:	5840	116800	LxWxD	/27 = cyd:	4326	cyd			

GREAT LAND MINERALS, LLC

This To Be Determined at end of field season

Drill Site Area	Latitude (ddd.mmmm) (NAD83)	Longitude (-ddd.mmmm) (NAD83)	Associated APMA	Hole Depth	Fuel Storage (OnSite/OffSite)	Tundra Mat	New trail to Site (ft)	Sanitary Facilities	Drill Additives	Artesian Zone	Water Discharged	Reclaimed	Plugged	Cemented w/ Bentonite	Standing Pipe	Revegetated	Date Reclaimed
Lincoln Target	64.8756	-148.0097		<90	Off Site	No	695	Off Site	No	No	No	TBD			No		TBD
St Paul & St Paul E	64.8705	-148.0114		<90	Off Site	No	1150	On Site	No	No	No	TBD			No		TBD
Midnight Sun	64.9065	-148.0794		<90	Off Site	No	900	On Site	No	No	No	TBD			No		TBD

GREAT LAND MINERALS, LLC – ESTER ANTIMONY PROJECT

ATTACHMENTS TO 2025 APMA APPLICATION

General Comment: This APMA is for **hard rock antimony** exploration of an area historically explored and mined for gold. Exploration and mining techniques for antimony are considerably different than for gold projects. Generally, antimony exploration is conducted on narrow veins rather than large-tonnage deposits. Other than initial bulk sampling during exploration, future mining is expected to be conducted utilizing underground methods rather than open pit methods.

Attachment #1

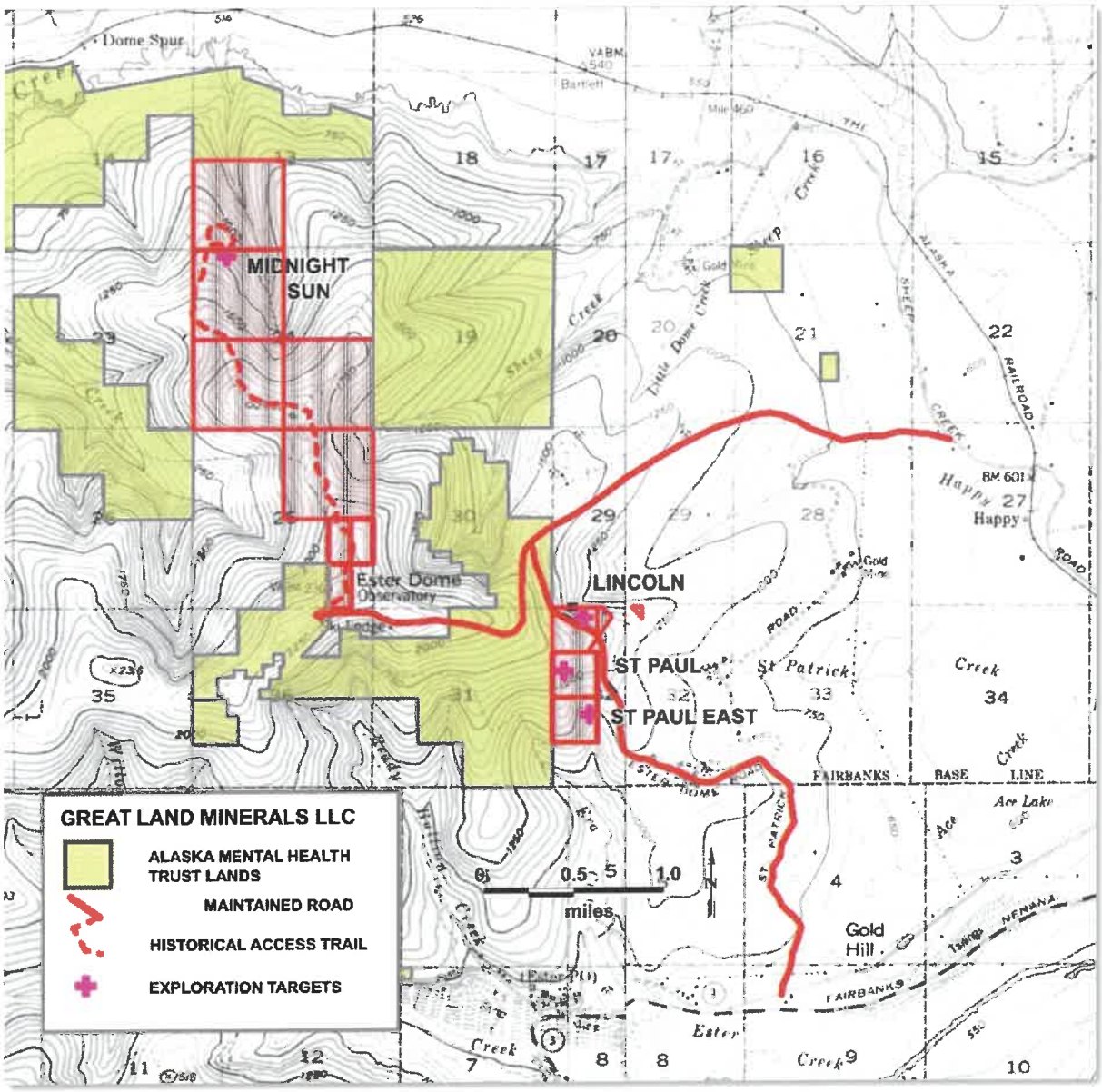
(14) MINERAL PROPERETIES LIST:

There are no Properties that have previous mining disturbance requiring reclamation. There are no active mining/exploration activities on the lands subject to this APMA at the time of this application. Other than historical trails, reclaimed trenches, and drill sites used during past minerals exploration, there are no surface improvements on the subject claims. There will be no camp facilities constructed for this project. Historical exploration trails exist throughout the project area; these provide access through the claim block for exploration activities. Some historical trails cross Mental Health Trust Lands, Fairbanks North Star Borough lands, and portions of claims owned by unrelated third parties. The list of claims and public areas over which access is contemplated is set forth below:

PROPERTIES FOR OVERLAND ACCESS AND/OR PRE-EXISTING TRAILS OR ROADS

Mining Claim ADL #	Mining Claim Name	Mining Claim Owner or Land Manager	Mining Claim Operator	MTRS
313595	UNITED 103	Range Minerals Corp.	Great Land Minerals LLC	F001N003W25
313596	UNITED 104	Range Minerals Corp.	Great Land Minerals LLC	F001N003W25
340185	UNITED 90	Range Minerals Corp.	Great Land Minerals LLC	F001N003W25
604642	1N3W24SW	Range Minerals Corp.	Great Land Minerals LLC	F001N003W24
604653	1N3W25NE	Range Minerals Corp.	Great Land Minerals LLC	F001N003W25
		Ester Dome Rd - FNSB+MHTL		
		Henderson Rd - FNSB		

MINING CLAIMS ON WHICH PHYSICAL WORK IS SUBJECT TO PERMIT ISSUANCE:				
Mining Claim ADL #	Mining Claim Name	Mining Claim Owner or Land Manager	Mining Claim Operator	MTRS
734332	EDM45	Range Minerals Corp.	Great Land Minerals LLC	F001N002W32
734333	EDM46	Range Minerals Corp.	Great Land Minerals LLC	F001N002W32
734290	EDM3	Range Minerals Corp.	Great Land Minerals LLC	F001N003W13
734295	EDM8	Range Minerals Corp.	Great Land Minerals LLC	F001N003W24
619898	St Paul 1	Jim Oliver	Great Land Minerals LLC	F001N002W32NW
619896	St Paul 2	Jim Oliver	Great Land Minerals LLC	F001N002W32SW



Above Map of the claims controlled by Great Lands Minerals LLC (red shading) showing State and borough maintained access routes (solid red lines) and historic access trail to the Midnight Sun area (dashed red lines).

ATTACHMENT #2:

(16) DESCRIBE TIME AND NUMBER OF TRIPS FOR EQUIPMENT ON CLAIM BLOCK

Based on field examination and a detailed examination of Google Earth and LiDAR imagery, the map below was developed to show existing access trails in need of improvement. Contemplated access trail improvements will be the construction of water bars, sediment traps and the installation of erosion control measures to mitigate or eliminate the potential for sediment transport by storm water.

Work under this APMA is highly structured and staged for efficiency purposes. Access over the claim area will be on trails previously constructed by historical exploration within the area of interest. Over the years since last used, the trails (see Map 1) have become encumbered by alder brush and deadfall trees and are not suitable for transportation. The first activity will be to use a masticator to remove the brush so equipment and personnel can safely access these existing trails. Trail rehabilitation will begin in May or June 2025, or after receipt of permits, and will occur intermittently throughout the six-year plan.

Due to Alaska climate conditions surface field work is generally conducted April to November. In the spring equipment will be mobilized to the first exploration site and will progress from one site to the next. At the beginning of winter, equipment will be demobilized to safe storage in town. The excavators will be used daily to expose bedrock by trenching through surface overburden. Geologists and field helpers will examine bedrock and take samples daily. The equipment will be fueled in the field on a daily basis. Six to eight people will travel daily in three to four pickup trucks to attend to the excavator work. An air track type hydraulic drill will be used intermittently to drill shallow, close-spaced drill holes in advance of the excavators, requiring two persons in another pickup. Work will occur five to six days per week, single shifted. A short suspension of field work will occur during the Equinox Marathon in deference to the increased foot traffic in the area.

Bulk samples of near-surface antimony mineralization will be obtained at various times throughout project duration. It is anticipated that one or two trips per day by a medium-sized dump truck will occur during periods of bulk sample work.

Project geologists and field workers will use pickup trucks and/or ATVs to access the project daily. Appropriate signage will be placed at strategic locations to warn other users about anticipated exploration-related traffic.

ATTACHMENT #3:

(32) TRENCHING/DRILLING LOCATIONS AND CLAIM INFORMATION

The table of mining claim ADLs, claim owner, claim names, and MTRS locations in Attachment 1 is incorporated into this narrative.

Trench area locations are tabulated on the Summary of Anticipated Trenching and location maps are shown in section (29) of the APMA application. The width of a trench plus side-cast material placement is estimated to be 20 feet wide. Overland access from established trails to the trenches is 15 feet wide.

SUMMARY OF ANTICIPATED TRENCHING

Trench Area	Latitude (NAD83)	Longitude (NAD83)		Units:	20			15	4.27 Acres
Lincoln Target	Trench MidPoint	Trench MidPoint	Mining Claim ADL	Trench Length (ft)	Length x 20 ft in Acres	Tundra Mat	New trail to Trench (ft)	Length x 15 ft in Acres	
1	64.8772	-148.0072	734333	475	0.218	Upland	635	0.219	
2	64.8756	-148.0097	734332	415	0.191	Upland	-		
3	64.8749	-148.0112	734332	435	0.200	Upland	755	0.260	
4	64.8754	-148.0103	734332	345	0.158	Upland	-		
				1670	0.77		1390	0.48	1.245
St Paul & St Paul E	Trench MidPoint	Trench MidPoint	Mining Claim ADL	Trench Length (ft)	Length x 20 ft in Acres	Tundra Mat	New trail to Trench (ft)	Length x 15 ft in Acres	
1	64.8736	-148.0116	619898	710	0.326	Upland			
2	64.8706	-148.0114	619898	600	0.275	Upland	150	0.052	
3	64.8693	-148.0131	619896	785	0.360	Upland			
4	64.8708	-148.0135	619898	610	0.280	Upland	2150	0.740	
				2705	1.24		2300	0.79	2.034
Midnight Sun	Trench MidPoint	Trench MidPoint	Mining Claim ADL	Trench Length (ft)	Length x 20 ft in Acres	Tundra Mat	New trail to Trench (ft)	Length x 15 ft in Acres	
1	64.9065	-148.0811	734295	235	0.108	Upland	50	0.017	
2	64.9065	-148.0794	734295	300	0.138	Upland	150	0.052	
3	64.9066	-148.0777	734295	550	0.253	Upland	150	0.052	
4	64.9072	-148.0757	734290	380	0.174	Upland	100	0.034	
				1465	0.67		450	0.15	0.828
Bulk Sample			6	60	0.028				0.165
Volume			Sum Tr Length:	5840	116800	LxWxD	/27 = cyd:	4326	4.27

ATTACHMENT #4:

(33) DESCRIBE HARD ROCK EXPLORATION TRENCHING AND SAMPLE PROGRAM

The basis of the hard rock exploration plan is focused on antimony exploration.

The applicant's proposed plan of exploration is to use a combination of excavator trenching and limited air track drilling to identify potential areas of significant antimony mineralization. Guided by extensive documentation of previous geochemical sampling and limited drilling programs, several areas having significant antimony potential have been identified. The exploration objective is to determine the source of antimony in those areas and evaluate its characteristics for future development consideration.

Item 1: Exploration work proposed under the APMA will include three areas: the Lincoln, St Paul and the Midnight Sun target areas. Access to the areas of interest over improved roads will be via Henderson Road or Ester Dome Road (see map in Attachment 1). The Lincoln and St Paul areas are accessed by Henderson Road approximately 2 miles north of the intersection with Gold Hill Road. The Midnight Sun area is accessed to the top of Ester Dome by Ester Dome Road, approximately 3 miles westerly of its intersection with Sheep Creek Road, then over unimproved ridgetop historical mining and exploration trails leading north from the Dome for 3.14 miles. The ridgetop trail will require brush clearing by a PrimeTech 300 Masticator, or similar, and limited road improvement with D-6 bulldozer. This trail work will commence soon after permit approval, or early June, depending on equipment availability.

Item 2: Exploration work will entail trenching, air track drilling and near-surface sampling. Trenching will be conducted by CAT 325, or similar tracked excavator with backhoe configuration. The excavator will be transported by low-boy truck to a location on Henderson Road where it can safely be off-loaded and walked to the exploration site. The excavator will proceed to the trench site with minimum practical surface disturbance. Trenching will expose bedrock for geology assessment and bedrock geochemical sampling. When prospective antimony mineralization is encountered, the site will be further investigated by exposing the mineralization. Bulk samples of mineralization will be extracted for metallurgical and recovery assessment. If the source of the antimony is silicified a second CAT 315, or similar excavator fitted with a hydraulic breaker assembly, will be used to break the rock into pieces suitable for extraction by the primary excavator.

Material excavated for bulk sample testing will be transported by a suitable tracked skidsteer from the trench to a medium sized dump truck for transport to an offsite area for sorting and bagging. The size (quantity) of the bulk sample will be established based on the quality of mineralized material as assessed by geologists collaborating with the excavator and sampling crew.

Item 3: The masticator (or mulcher) will be used where required to remove trees and brush to access the target sites from the historical access trails. The D-6 dozer will construct ditches and water bars for improved drainage where necessary to control stormwater runoff and limit rutting of the trails.

Item 4: No drill pads or other surface preparation will be required for the air track drill.

Item 5: A self-contained hydraulic tracked drill with on-board dust collector will be used to drill a series of drill holes in the immediate vicinity of the excavator or exposed antimony mineralization to

ascertain geological parameters to guide the excavator to other possible sources. Hydraulic tracked drills are small and require no chemicals or water. Rock chips and drill dust are collected by the on-board hydraulic dust collector, facilitating sample collection. The exact location of drilling is not yet determined and will be undertaken only where there is a high geological probability for near-surface mineralization. Total hole depth is expected to be <90 ft deep. Drill holes will be backfilled with bentonite clay and drill cuttings to form a permanent seal. If ground water is encountered, drilling will be terminated, and bentonite will be used in addition to drill cuttings to fill the hole completely.

Drill cuttings for sample purposes will be collected in heavy plastic bags placed below a cyclone. The samples will be divided on-site into 8-10 pound portions for logging and assay purposes. Samples will be removed from the field daily to a secure off-site location. Rock chips will be disposed of in the hole after completion. Excess cuttings, if any, will be dispersed over the surface.

Item 6: No stand pipes will be left at the drill sites upon completion. No water or additives are used in the drilling process. Drilling dust is captured within the drill system and dispensed in a small pile at the rear of the drill.

Item 7 and 8: Equipment will be fueled in the field by steel tanks in the back of a pickup truck, or by small commercial fuel truck. Care will be taken to avoid spills and drip pans will be deployed beneath fuel fill points. Absorbents and spill cleanup materials will be maintained on the fuel vehicle and at the work site to address any leaks or spills if they occur. Storage of fuel or petroleum products on the claims is prohibited. The exploration activities will not be conducted within 1000 feet of any water body or stream. All field personnel are trained in the proper use of fuel transfer equipment and clean-up procedures. The applicant will ensure that appropriate PPE safety materials are on hand and in good condition. If a spill is detected the site manager is to be informed to ensure that the designated fuel handling procedures (posted in each pickup) are undertaken to ensure compliance with the proper procedures. Notice to appropriate regulatory authorities will occur if any release meets the appropriate threshold.

Item 9: No water is used in the current exploration plan.

Item 10: As bedrock is exposed at the bottom of the trench an assessment of the acid mine drainage (AMD) potential of the bedrock will be made. If unoxidized sulfides are apparent in the bedrock, a layer of crushed limestone or marble rock will be placed during back-fill operations to minimize AMD potential. A stockpile of crushed limestone or marble will be located on private property, for this purpose. If a trench is left open for more than one week, plastic barrier fencing will be placed to impede animal or human exposure to open trench hazard. The ends of the trenches will be constructed so that animals or humans can exit the trench should they get into it.

ATTACHMENT #5:

(34) RECLAMATION PLAN FOR HARDROCK EXPLORATION

It is intended to move the excavators and air track drill over the natural surface with minimal road building or trail preparation. The approach to the trench sites will be adjusted to minimize impact to soil and vegetal cover. Some trees will need to be removed, by the masticator as trenching

proceeds. Where practical, the mulch and any felled trees will be placed as cover over the reclaimed trench.

Reclamation of trenches will be conducted in a timely manner. Excavated topsoil and underlying muck (loess) is to be stacked along the side of the trench for ease of backfilling the trench when exploration work is completed. In most cases a determination is made within a few hours of excavation whether the trench needs to be left open for more detailed examination or for sampling purposes. If further work is not required, the trench will be reclaimed immediately after excavation. The overburden will be placed back into the trench to conform with the immediate surroundings; the topsoil will be placed on the resulting surface and organic debris spread out to encourage natural revegetation. An appropriate seed mix may be applied locally to assist revegetation.

This document was prepared by:

Rodney A. Blakestad, J.D., C.P.G., PG (AK)
V.P. Mining Division, U.S. Antimony Corporation
e-mail: rblakestad@usantimony.com
April 10, 2025

APMA APPLICATION 2025

GREAT LAND MINERALS, LLC

Additional Narrative regarding proposed bulk sample activity:

In addition to the materials submitted to DNR regarding proposed hard rock exploration for antimony in the vicinity of Ester Dome the applicant, Great Land Minerals, LLC (GLM) wishes to provide the following details.

Location of antimony mineralization: the exact position of antimony mineralization has not been determined, however, GLM has acquired much specific geological and geochemical information that suggests that antimony mineralization occurs at the interface between bedrock and overburden cover in several places within the mining claims subject of the AMPA. The actual position is expected to be determined in the course of the proposed work plan. The layout and length of the proposed trench work is predicted to identify these sources.

Depth of targeted antimony source rocks: most of the areas identified for exploration are covered by a mantle of loss (wind-blown glacial silt). Thickness of the loess ranges from less than one foot to more than 20 feet thick. The greater thickness of the loess occurs downslope of the local topography. The effective digging depth of the excavator is about 22 ft (6.7 m). The trench layout is designed to expose bedrock at depths less than 12 feet so that a few feet of bedrock can be brought to surface for geological and geochemical assessment. If no antimony mineralization is observed in this process, that portion of the trench will be backfilled within a day or two of excavation.

When the exploration is successful in identifying antimony mineralization, sufficient excavation will be performed to determine the strike, dip and thickness of the antimony minerals. If the strength of the mineralization is favorable, additional bedrock will be excavated to provide a bulk sample for statistical assessment and metallurgical testing. This latter work will be undertaken at an off-site location where the excavated material can be assessed.

Size of baulk samples: the size of the desired bulk sample is difficult to determine until the mineralization is located. An arbitrary limit of 400 cubic yards of bulk sample material will be established for the APMA application to provide an upper limit concept of the volume of material removed in a bulk sample. It is possible that more than one vein or other geological source of antimony may be located within a single trench. Several of the historical gold mining ventures in the Ester Dome area have encountered multiple vein systems in the same underground mine.

Reclamation of bulk sample areas: after excavating a suitable amount of bulk sample material for discovered mineralization (<400 cubic yards), the sample site will be examined for geological parameters and then backfilled and reclaimed. Backfill material may include gravel from placer mined ground available from private third-party stockpiles.

It is anticipated that this process may be applied at several of the trenches identified in the APMA hard rock exploration application. Any alterations of the plan will be described in writing to DNR for which GLM will seek specific approval.

Respectfully submitted,

Rodney Blakestad, for

Great Land Minerals, LLC

ACCESS CLAIMS LIST - GREAT LAND MINERALS, LL

Mining Claim ADL, BLM # or USMS	Mining Claim ADL #	Mining Claim Name	Mining Claim Owner or Land Manager
ADL	313595	UNITED 103	Range Minerals Corp.
ADL	313596	UNITED 104	Range Minerals Corp.
ADL	340185	UNITED 90	Range Minerals Corp.
ADL	604642	1N3W24SW	Range Minerals Corp.
ADL	604653	1N3W25NE	Range Minerals Corp.
			Ester Dome Rd - FNSB+MHTL
			Henderson Rd - FNSB
	MINING CLAIMS ON WHICH PHYSICAL WORK IS		
	Mining Claim ADL #	**Mining Claim Name**	**Mining Claim Owner or Land Manager**
ADL	734332	EDM45	Range Minerals Corp.
ADL	734333	EDM46	Range Minerals Corp.
ADL	734290	EDM3	Range Minerals Corp.
ADL	734295	EDM8	Range Minerals Corp.
ADL	619898	St Paul 1	Jim Oliver
ADL	619896	St Paul 2	Jim Oliver

.C

Mining Claim Operator	MTRS	Purpose
Great Land Minerals LLC	F001N003W25	Access
Great Land Minerals LLC	F001N003W25	Access
Great Land Minerals LLC	F001N003W25	Access
Great Land Minerals LLC	F001N003W24	Access, Lepsoe
Great Land Minerals LLC	F001N003W25	Access T11-12, Parker
		Access
		Access

SUBJECT TO PERMIT ISSUANCE:

Mining Claim Operator	MTRS	
Great Land Minerals LLC	F001N002W32	Lincoln
Great Land Minerals LLC	F001N002W32	Lincoln
Great Land Minerals LLC	F001N003W13	Midnight Sun
Great Land Minerals LLC	F001N003W24	Midnight Sun+Access
Great Land Minerals LLC	F001N002W32NW	St Paul
Great Land Minerals LLC	F001N002W32SW	St Paul East

NOTICE OF OPERATOR AUTHORIZATION – MINERAL LOCATIONS

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

OPERATOR AUTHORIZATION **APMA#**_____

Check Type of Mineral Property(s)

I, RANGE MINERALS CORPORATION, OWNER of mineral property(s):

- [x] State ADL
- [ ] Federal AKFF/AKAA
- [ ] USMS
- [ ] MTRS (Native Lands)

List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).

SEE ATTACHED

(Attach additional sheet if necessary)

Have authorized GREAT LAND MINERALS, LLC.

Address of Operator 251 LITTLE FALLS DR., WILMINGTON, DE 19808.

to operate on these claims from 5 / 01 / 2025 to ~~10/2 / 153~~ /2030

Owner's Signature _____ Date 16 April 2025

NOTARY

Subscribed and sworn to before me this 16th day of April, 2025.

For (owner)

(Signature of Notary) _____.

My commission expires: 8.10.26

State of Alaska
NOTARY PUBLIC
Megan Jones
My Commission Expires 8.10.26

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

Check Type of Mineral Property(s)

I, _____, LESSEE of mineral property(s) :

- [ ] State ADL
- [ ] Federal AKFF/AKAA
- [ ] USMS
- [ ] MTRS (Native Lands)

List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).

(Attach additional sheet if necessary)

have authorized _____ to operate on these claims from ___/___/___ to ___/___/___.

Lessee's Signature _____ Date_____

Lessee's Address _____.

NOTARY:

Subscribed and sworn to before me this _____ day of_____, 20 ___.

For (Lessee)

(Signature of Notary) _____.

My commission expires:

ACTIVE STATE MINING LOCATIONS (98) - LAND STATUS TA'D FOR CONVEYANCE

ADL #	Owner	Claim Name	Posting Date	MTRS
313494	Range Minerals Corporation	HORSESHOE	5-Nov-73	F001S003W01
313495	Range Minerals Corporation	SILVER DOLLAR VEIN	5-Nov-73	F001S003W01
313502	Range Minerals Corporation	GENEVA	5-Nov-73	F001S003W01
313503	Range Minerals Corporation	BULLION LODE	5-Nov-73	F001S003W01
313509	Range Minerals Corporation	ST JUDE 1	5-Nov-73	F001N003W36
313510	Range Minerals Corporation	READY BULLION CREEK MINE	5-Nov-73	F001N003W36
313526	Range Minerals Corporation	BARKER AND MCQUEEN	5-Nov-73	F001N003W36
313527	Range Minerals Corporation	MADAI	5-Nov-73	F001N003W36
313541	Range Minerals Corporation	MCQUEEN MINE	5-Nov-73	F001N003W36
313542	Range Minerals Corporation	BLACK DIAMOND LODE	5-Nov-73	F001N003W36
313570	Range Minerals Corporation	FARMER LODE PROSPECT	5-Nov-73	F001N003W25
313571	Range Minerals Corporation	UNITED 89	8-Mar-73	F001N003W25
313574	Range Minerals Corporation	MICHLEY MINE	5-Nov-73	F001N002W30
313593	Range Minerals Corporation	UNITED 101	10-Mar-73	F001N003W25
313594	Range Minerals Corporation	UNITED 102	10-Mar-73	F001N003W25
313595	Range Minerals Corporation	UNITED 103	10-Mar-73	F001N003W25
313596	Range Minerals Corporation	UNITED 104	8-Mar-73	F001N003W25
313616	Range Minerals Corporation	TOM'S VEIN	5-Nov-73	F001N002W30
313642	Range Minerals Corporation	MESHECH	5-Nov-73	F001N002W30
313652	Range Minerals Corporation	II KINGS	5-Nov-73	F001N003W23
313666	Range Minerals Corporation	II SAMUEL	5-Nov-73	F001N003W23
313667	Range Minerals Corporation	I KINGS	5-Nov-73	F001N003W23
332483	Range Minerals Corporation	UNITED 40	5-Oct-82	F001N002W30
338170	Range Minerals Corporation	UNITED 39	5-Oct-82	F001N002W30
340185	Range Minerals Corporation	UNITED 90	20-Apr-81	F001N003W25
604627	Range Minerals Corporation	1S3W01SE	24-Aug-01	F001S003W01
604629	Range Minerals Corporation	1N3W35SE	25-Aug-01	F001N003W35
604639	Range Minerals Corporation	1N2W30NE	29-Aug-01	F001N002W30
604641	Range Minerals Corporation	1N3W24SE	29-Aug-01	F001N003W24
604642	Range Minerals Corporation	1N3W24SW	29-Aug-01	F001N003W24
604643	Range Minerals Corporation	1N3W35NE	29-Aug-01	F001N003W35
604644	Range Minerals Corporation	1N3W25NW	29-Aug-01	F001N003W25
604645	Range Minerals Corporation	1N3W25SW	29-Aug-01	F001N003W25
604647	Range Minerals Corporation	1N3W26SE	29-Aug-01	F001N003W26
604653	Range Minerals Corporation	1N3W25NE	29-Aug-01	F001N003W25
618462	Range Minerals Corporation	RANGE 12R	3-Jul-13	F001S002W06
618463	Range Minerals Corporation	RANGE 13R	3-Jul-13	F001S002W06
618464	Range Minerals Corporation	RANGE 14R	3-Jul-13	F001S002W06
618465	Range Minerals Corporation	RANGE 15R	3-Jul-13	F001S002W06
734288	Range Minerals Corporation	EDM1	15-Oct-20	F001N003W15
734289	Range Minerals Corporation	EDM2	15-Oct-20	F001N003W14
734290	Range Minerals Corporation	EDM3	15-Oct-20	F001N003W13

734291	Range Minerals Corporation	EDM4	15-Oct-20	F001N003W13
734292	Range Minerals Corporation	EDM5	15-Oct-20	F001N002W18
734293	Range Minerals Corporation	EDM6	15-Oct-20	F001N003W22
734294	Range Minerals Corporation	EDM7	15-Oct-20	F001N003W23
734295	Range Minerals Corporation	EDM8	15-Oct-20	F001N003W24
734296	Range Minerals Corporation	EDM9	15-Oct-20	F001N003W24
734297	Range Minerals Corporation	EDM10	15-Oct-20	F001N003W22
734298	Range Minerals Corporation	EDM11	15-Oct-20	F001N003W27
734299	Range Minerals Corporation	EDM12	15-Oct-20	F001N003W28
734300	Range Minerals Corporation	EDM13	15-Oct-20	F001N003W27
734301	Range Minerals Corporation	EDM14	15-Oct-20	F001N003W27
734302	Range Minerals Corporation	EDM15	15-Oct-20	F001N003W26
734303	Range Minerals Corporation	EDM16	15-Oct-20	F001N003W33
734304	Range Minerals Corporation	EDM17	15-Oct-20	F001N003W34
734305	Range Minerals Corporation	EDM18	15-Oct-20	F001N003W35
734306	Range Minerals Corporation	EDM19	15-Oct-20	F001N003W33
734307	Range Minerals Corporation	EDM20	15-Oct-20	F001N003W33
734308	Range Minerals Corporation	EDM21	15-Oct-20	F001N003W35
734309	Range Minerals Corporation	EDM22	15-Oct-20	F001N003W14
734310	Range Minerals Corporation	EDM23	15-Oct-20	F001N002W18
734311	Range Minerals Corporation	EDM24	15-Oct-20	F001N002W18
734312	Range Minerals Corporation	EDM25	15-Oct-20	F001N002W18
734313	Range Minerals Corporation	EDM26	15-Oct-20	F001N002W18
734314	Range Minerals Corporation	EDM27	15-Oct-20	F001N002W18
734315	Range Minerals Corporation	EDM28	15-Oct-20	F001N003W14
734316	Range Minerals Corporation	EDM29	15-Oct-20	F001N003W14
734317	Range Minerals Corporation	EDM30	15-Oct-20	F001N002W18
734318	Range Minerals Corporation	EDM31	15-Oct-20	F001N003W23
734319	Range Minerals Corporation	EDM32	15-Oct-20	F001N003W23
734320	Range Minerals Corporation	EDM33	15-Oct-20	F001N003W23
734321	Range Minerals Corporation	EDM34	15-Oct-20	F001N003W21
734322	Range Minerals Corporation	EDM35	15-Oct-20	F001N003W21
734323	Range Minerals Corporation	EDM36	15-Oct-20	F001N003W22
734324	Range Minerals Corporation	EDM37	15-Oct-20	F001N002W20
734325	Range Minerals Corporation	EDM38	15-Oct-20	F001N003W27
734326	Range Minerals Corporation	EDM39	15-Oct-20	F001N003W26
734327	Range Minerals Corporation	EDM40	15-Oct-20	F001N003W27
734328	Range Minerals Corporation	EDM41	15-Oct-20	F001N003W27
734329	Range Minerals Corporation	EDM42	15-Oct-20	F001N003W26
734330	Range Minerals Corporation	EDM43	15-Oct-20	F001N002W29
734331	Range Minerals Corporation	EDM44	15-Oct-20	F001N003W36
734332	Range Minerals Corporation	EDM45	15-Oct-20	F001N002W32
734333	Range Minerals Corporation	EDM46	15-Oct-20	F001N002W32
734334	Range Minerals Corporation	EDM47	15-Oct-20	F001N002W32
734335	Range Minerals Corporation	EDM48	15-Oct-20	F001N002W29
734336	Range Minerals Corporation	EDM49	15-Oct-20	F001N002W31
734338	Range Minerals Corporation	EDM51	15-Oct-20	F001N003W36
734339	Range Minerals Corporation	EDM52	15-Oct-20	F001S003W02
734340	Range Minerals Corporation	EDM53	15-Oct-20	F001S003W02

734341	Range Minerals Corporation	EDM54	15-Oct-20	F001S002W06
734342	Range Minerals Corporation	EDM55	15-Oct-20	F001S003W02
734343	Range Minerals Corporation	EDM56	15-Oct-20	F001S003W02
734344	Range Minerals Corporation	EDM57	15-Oct-20	F001S003W02
734345	Range Minerals Corporation	EDM58	15-Oct-20	F001S003W02
734346	Range Minerals Corporation	EDM59	15-Oct-20	F001N002W20
734347	Range Minerals Corporation	EDM60	15-Oct-20	F001N003W36

STATE - "SELECTED ONLY" STATUS MINING LOCATIONS (22)

ADL #	Owner	Claim Name	Posting Date	MTRS
313572	Range Minerals Corporation	Summit Lode	SODP	F001N002W30SW
313573	Range Minerals Corporation	Payday	SODP	F001N002W30SW
313641	Range Minerals Corporation	Tubal	SODP	F001N002W30NW
313713	Range Minerals Corporation	United 37	SODP	F001N002W30SW
338171	Range Minerals Corporation	United 52	SODP	F001N002W30NW
509573	Range Minerals Corporation	Range No. 10	SODP	F001N002W30NW
525394	Range Minerals Corporation	Morris Lode No. 4 Fraction	SODP	F001N002W31SW
555582	Range Minerals Corporation	Range No. 16 Fr.	SODP	F001N002W20SE
557901	Range Minerals Corporation	HAP 9	SODP	F001N002W21SW
557902	Range Minerals Corporation	HAP 10	SODP	F001N002W21SW
557903	Range Minerals Corporation	HAP 11	SODP	F001N002W21SE
557904	Range Minerals Corporation	HAP 12	SODP	F001N002W21SW
557905	Range Minerals Corporation	HAP 13	SODP	F001N002W21SW
570119	Range Minerals Corporation	ED 24	SODP	F001N003W21NE
570122	Range Minerals Corporation	ED 27	SODP	F001N003W21NE
570125	Range Minerals Corporation	ED 30	SODP	F001N003W21SE
570128	Range Minerals Corporation	ED 33	SODP	F001N003W21SW
570129	Range Minerals Corporation	ED 34	SODP	F001N003W21SW
571365	Range Minerals Corporation	HAP 15	SODP	F001N002W21SW
571366	Range Minerals Corporation	HAP 16	SODP	F001N002W21SW
571367	Range Minerals Corporation	HAP 17	SODP	F001N002W21NE
571368	Range Minerals Corporation	HAP 18	SODP	F001N002W21SE

NOTICE OF OPERATOR AUTHORIZATION -- MINERAL LOCATIONS

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

OPERATOR AUTHORIZATION

APMA# 2955

I, JAMES OLIVER, OWNER of mineral property(s):

Check Type of Mineral Property(s)

- [x] State ADL
- [ ] Federal AKFF/AKAA
- [ ] USMS
- [ ] MTRS (Native Lands)

List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).

619895 619896 619898 620468 620467
621224

(Attach additional sheet if necessary)

Have authorized GREAT LAND MINERALS, LLC.

Address of Operator 251 LITTLE FALLS DR., WILMINGTON, DE 19808.

to operate on these claims from 5 / 01 / 2025 to ~~12~~ / ~~31~~ /2030

Owner's Signature James Oliver Date 4-12-25

NOTARY

Subscribed and sworn to before me this 12 day of April, 2025.

For (owner)

(Signature of Notary) Jamie Wooding.

My commission expires 1/14/2029

JAMIE WOODING NOTARY PUBLIC SEAL OF THE STATE OF ALASKA

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

I, _____, LESSEE of mineral property(s) :

Check Type of Mineral Property(s)

- [ ] State ADL
- [ ] Federal AKFF/AKAA
- [ ] USMS
- [ ] MTRS (Native Lands)

List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).

(Attach additional sheet if necessary)

have authorized _____ to operate on these claims from ___/___/___ to ___/___/___.

Lessee's Signature _____ Date _____

Lessee's Address _____.

NOTARY:

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

For (Lessee)

(Signature of Notary) _____.

My commission expires:

2024 ANNUAL RECLAMATION STATEMENT (33)

☐ Placer Mining
☐ Suction Dredging
☑ Hardrock Exploration

APMA # 2955

Complete and return this statement by December 31, 2024. 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, Rodney A. Blakestad hereby file an annual reclamation statement for the 2024 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 2024: 0 cubic yards (Includes stripping and processed material.)

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

Total acreage disturbed in 2024: State 0, Federal 0, Private 0. (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 N/A feet and Width N/A feet of stream diversion.

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

Total Area reclaimed in 2024: NA acres.

Total un-reclaimed acres: 0 (This should match "total acreage currently disturbed" on the 2025 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 2024 and therefore did not conduct reclamation.

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

Signed Rodney A Blakestad Digitally signed by Rodney A Blakestad DN: cn=Rodney A Blakestad, o=US Antimony Corp., ou, email=rblakestad@usantimony.com, c=US Date: 2025.04.14 07:05:44 -07'00' Date April 10, 2025

2025 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 2024 Annual Reclamation Statement for Small Mines, or line #7 on your 2025 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 2025 4.3 acres. Total acreage (currently disturbed plus new acres): 4.3 acres.

Acreage disturbed by land status: 100% State (general) _____ State (Mental Health) _____ Private _____ Federal

Total acreage to be reclaimed in 2025 4.3 acres; Total volume of material to be disturbed in 2025: 4326 cubic yards.

Include strippings and overburden to be removed. Cubic yards = Length (yards) x Width (yards) x Depth (yards).

☑ Reclamation will be conducted concurrently with activity. ☐ Reclamation will be conducted at the end of the season.

THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:

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

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

RODNEY A BLAKESTAD Printed name (Applicant)	Relationship to Mineral Property:	Date: 4/10/2025
Rodney A Blakestad Digitally signed by Rodney A Blakestad DN: cn=Rodney A Blakestad, o=US Antimony Corp, ou, email=rblakestad@usantimony.com, c=US Date: 2025.04.14 07:04:41 -07'00' Signature (Applicant)	☐ Owner ☑ Lessee ☑ Operator ☐ Agent For: _____	APMA #: 2955

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

Great Land Minerals LLC APMA # 2955

Name

251 Little Fall Dr.

Mailing Address

Wilmington DE 19808

City State Zip Code

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

$ 750.00 DOLLARS

for payment into the State Wide Bonding Pool to meet the bonding requirements of Alaska Statute 27.19 for mining activity located on claim numbers

734332, 734333, 619896, 619898, 734290, 734295

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

T 1N, R 2W, Section 32, T 1N, R 3W , Sections 13 and 24 Fairbanks Meridian

This bond amount was calculated as follows:

For **Federal Claims**: The total area of the mining operation, including camp site, access roads, unreclaimed areas, and areas to be stripped for mining next season is 0 acres. Acreage should be rounded to the next whole acre. This acreage must include all areas disturbed by mining operations after January 1, 1981, that have not been approved as reclaimed by BLM. If a mining operation disturbs a previously mined area, that area must also be included in the acreage to be bonded.

For **State and Patented Claims**: The active mining disturbance, not including camp and access roads is 5 acres (acreage should be rounded to the next whole acre). This includes all areas that are part of the mining operation; including stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary or permanent stream diversions, and settling ponds. This acreage must include all areas disturbed by a mining operation after October 15, 1991 that have not been approved as reclaimed by ADNR. If a mining operation disturbs a previously mined area, that area must also be included in the acreage to be bonded.

Refundable bond deposit (new): 5 acres X $112.50 = $ 562.50.

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

Total $ 750.00.

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

Rodney A Blakestad Digitally signed by Rodney A Blakestad DN: cn=Rodney A Blakestad, o=US Antimony Corp., ou, email=rblakestad@usantimony.com, c=US Date: 2025.04.14 07:03:57 -07'00' 4/10/25

Signed - Miner Date

ADNR - Division of Mining, Land & Water Date

BLM - Bureau of Land Management Date