

STATE OF ALASKA
2025

Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: 2025 Finish: 2029 APMA Number (A/F/J, Year, ****) 9801

What type activity are you planning to perform? *REQUIRED (1) <input type="checkbox"/> Suction Dredging/Reclamation <input type="checkbox"/> Reclamation Only <input checked="" type="checkbox"/> Placer Mining/ Reclamation <input checked="" type="checkbox"/> Access <input type="checkbox"/> Hardrock Exploration/ Reclamation	Surface estate of mineral properties: *REQUIRED (2) <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal <input type="checkbox"/> Private <input type="checkbox"/> City or Borough
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Check All That Apply: Mineral Property Owner Lessee Operator *Required (3)

Name: Moonlighting Construction Inc Primary Phone Number: 907-347-8903
 Address: PO Box 60633 Secondary Phone Number: 907-590-8386
Fairbanks, AK 99706 Email: moonlightingconstruction@hotmail.com
 Alaska Business/Corporation Entity# 901785 Registered Agent (Corp./LLC/LP) Ronald Reitano
 * agbalaska@gmail.com

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

Name: Tyler Nelson Primary Phone Number: _____
 Address: 213 Rasmussen RD Secondary Phone Number: _____
Fairbanks AK 99712 Email: _____

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

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

Name: Ronald Reitano Primary Phone Number: _____
 Address: PO Box 60633 Secondary Phone Number: _____
Fairbanks, AK 99706 Email: _____

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

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

Name: Metall Agency, LLC Primary Phone Number: _____
 Address: 99708 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) Miller & Heim creek Average Number of Workers: *REQUIRED (8) 4 Start-Up/Shut Down: (Month/Day) (9) 3-15 to 9-15

Mining District: *REQUIRED (10) Fairbanks Applicable USGS Map(s): *REQUIRED (11) Circle A6 & Livergood A1 On What Stream Is This Activity? (12) Miller & Heim creeks

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
F003N003E Sec 12, 13, 14
F003N004E Sec 18, 19, 20

Internal Use Only:

Internal Use Only:
 Date Application Received Complete: _____ Adjudicator: _____ LAS Entry: _____
 Sec 3 CID: 67053 Sec 4 CID: 53154 Sec 5 CID: 104328 Sec 6 CID: 48312

Andrew Ault

Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: Finish: APMA Number (A/F/J, Year, ****) 9801

What type activity are you planning to perform? *REQUIRED (1) Surface estate of mineral properties: *REQUIRED (2)
Suction Dredging/Reclamation Reclamation Only State (General) State (Mental Health)
Placer Mining/ Reclamation Access Federal Private
Hardrock Exploration/ Reclamation City or Borough

Check All That Apply: Mineral Property Owner Lessee Operator Agent/Consultant *Required (3)
Name: Primary Phone Number:
Address: Secondary Phone Number:
Email:
Click here for the Department of Commerce Link Is the Agent/Consultant the Primary Contact Yes No
Alaska Business/Corporation Entity# Registered Agent (Corp./LLC/LP)

Check All That Apply: Mineral Property Owner Lessee Operator *Required (4)
Name: Andrew Zeslger Primary Phone Number:
Address: 12102 147th St. Ct. E PuYallup, WA Secondary Phone Number:
Email:
Alaska Business/Corporation Entity# 98374 Registered Agent (Corp./LLC/LP)

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

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

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

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

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

Internal Use Only:
Date Application Received Complete: Adjudicator: LAS Entry:
Sec 3 CID: Sec 4 CID: 69577 Sec 5 CID: Sec 6 CID:

State of Alaska
Application for Permits to Mine in Alaska
Amendment

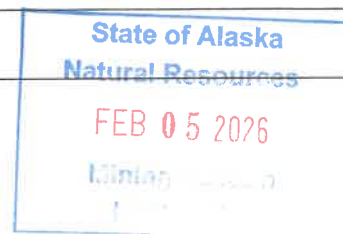
Date: 2-5-26

Amendment # 1

APMA: 9801

Please describe your proposed amendment and attach all required forms from the APMA application.

Addition of 3 eq, 40 acre claims owned by Ronald Reitano
Addition of 5 eq, 160 acre claims owned by Andrew Zesiger
Addition of one piece of equipment
Resubmission/addition of 12 drill holes included in original
Submission
Addition of 54 new planned/TBD drill holes
Additional bulk sample location(s) and or test trenches
along 7 planned drill locations, TBD
Additional major point of water withdrawal along Helm
creek, currently ~~with~~ have a stream reach permit
Revision of access route used on upper Helm creek



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.		<i>See attached</i>	7.		
2.			8.		
3.			9.		
4.			10.		
5.			11.		
6.			12.		

INVENTORY OF EQUIPMENT

(15)

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

Check One:

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Located on the claim block?	Transporting to claim block?
1.	<i>See attached</i>			
2.				
3.				
4.				
5.				
6.				
7.				
8.				

ACCESS TO THE CLAIM BLOCK

(16)

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

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: *Steese Highway*

Existing Route or a RST/ RS 2477 Easement with a mineral base surface. *Fair banks creek road*
If the RST/ RS 2477 Easement(s) has a State of Alaska number, please list: *RST-1927, Walnut creek trail*

Navigable Waterway

Aircraft Supported

**needed at later date for production*

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

Road(s) Helicopter Pad Airstrip No Improvements or Construction Proposed


APMA 9801 Active Area



This map was created on 5/1/2026 by the Alaska Department of Natural Resources as a courtesy to supplement the application received. This map displays a graphical illustration only. Source documents remain the official record.

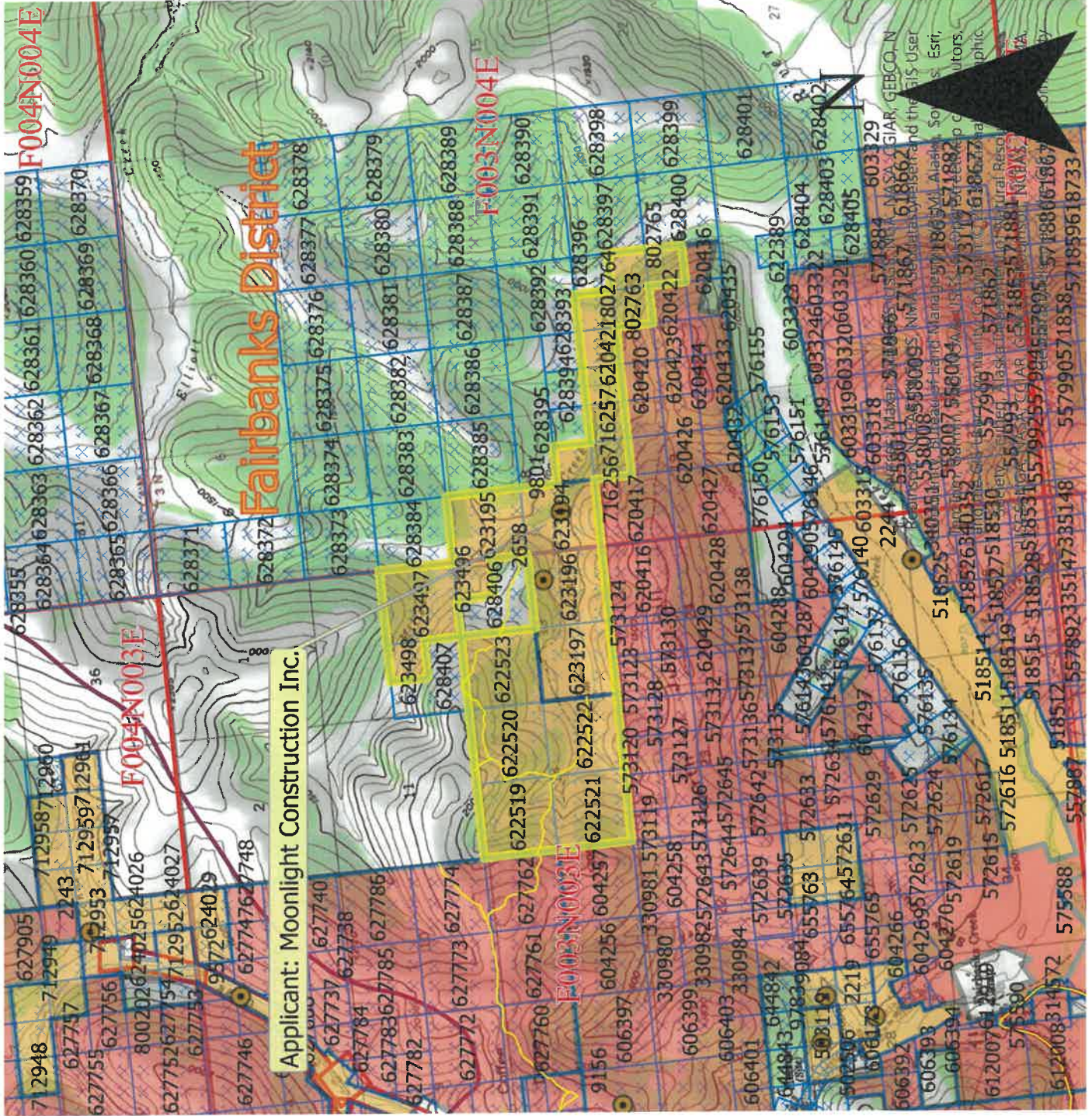
The State of Alaska makes no express or implied warranties (including warranties of merchantability and fitness) with respect to the character, function, or capabilities of electronic services or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable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

Scale: 1:63,360

-  Mechanical Placer Mining
-  Hardrock Exploration
-  State Mining Claim Active
-  RS2477 Historic Transportation Routes

0 0.75 1.5 Miles

Center: 147°1'58"W 65°5'8"N

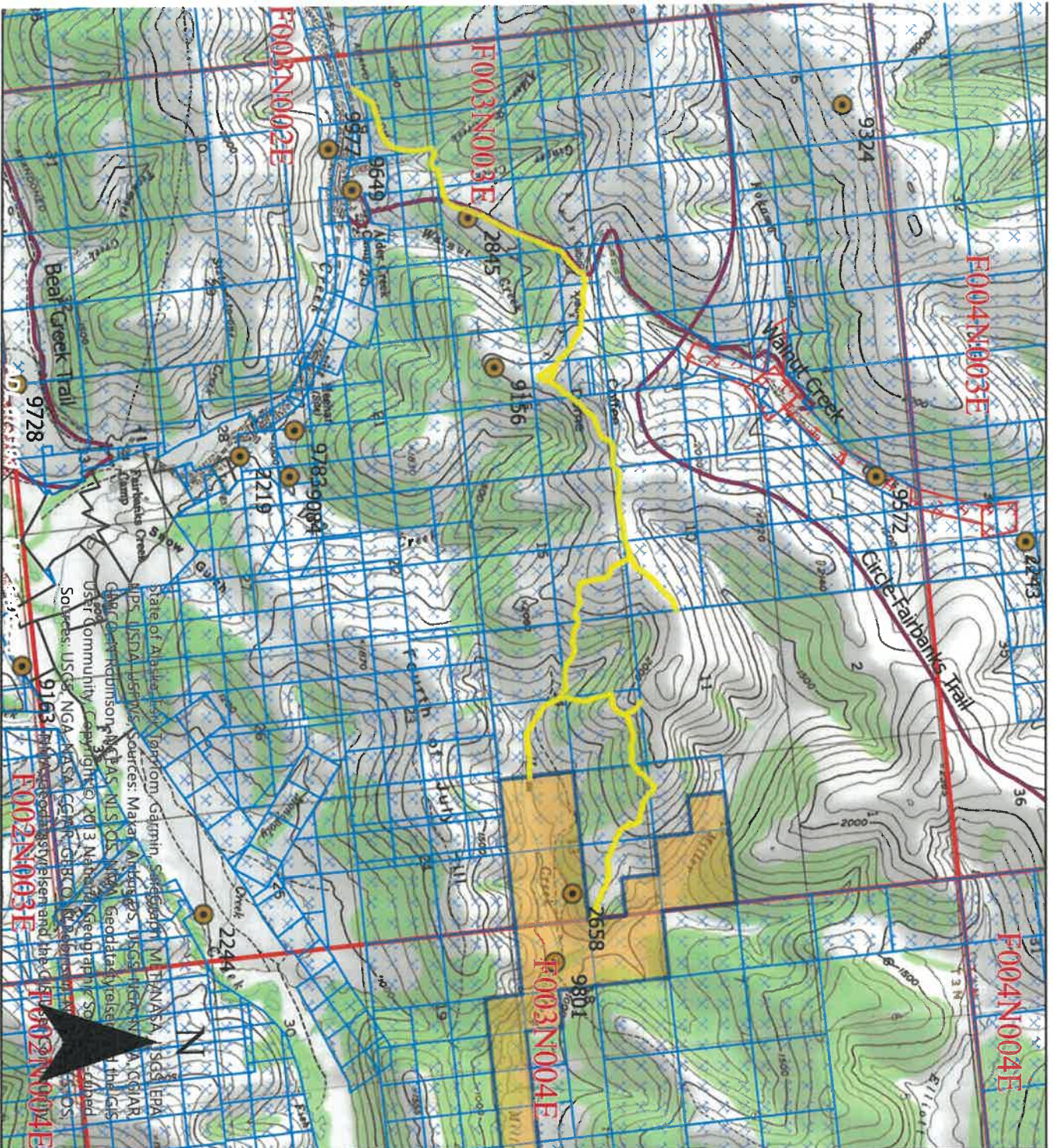


CASE_ID	CSTMRNM	SPCLCDDSCR	CSSTSDSCR	CLAIM_NAME	NTPSTDT	RFRSHDT
ADL 802763	REITANO, RONALD T	MINING CLAIM (MC)	ACTIVE (35)	MIDNIGHT MILLER 1	12/9/2024 13:52	5/1/2026 4:01
ADL 802764	REITANO, RONALD T	MINING CLAIM (MC)	ACTIVE (35)	MIDNIGHT MILLER 2	12/9/2024 13:52	5/1/2026 4:01
ADL 802765	REITANO, RONALD T	MINING CLAIM (MC)	ACTIVE (35)	MIDNIGHT MILLER 3	12/9/2024 13:52	5/1/2026 4:01
ADL 716255	METALLOGENY INC.	MINING CLAIM (MC)	ACTIVE (35)	MILLER DISCOVERY	10/31/2012 12:18	5/1/2026 4:01
ADL 716256	METALLOGENY INC.	MINING CLAIM (MC)	ACTIVE (35)	MILLER NO 1 BELOW	10/31/2012 12:18	5/1/2026 4:01
ADL 716257	METALLOGENY INC.	MINING CLAIM (MC)	ACTIVE (35)	MILLER NO 2 BELOW	10/31/2012 12:18	5/1/2026 4:01
ADL 716258	METALLOGENY INC.	MINING CLAIM (MC)	ACTIVE (35)	MILLER NO 3 BELOW	10/31/2012 12:18	5/1/2026 4:01
ADL 716259	METALLOGENY INC.	MINING CLAIM (MC)	ACTIVE (35)	MILLER NO 4 BELOW	10/31/2012 12:18	5/1/2026 4:01
ADL 716260	METALLOGENY INC.	MINING CLAIM (MC)	ACTIVE (35)	MILLER NO 5 BELOW	10/31/2012 12:18	5/1/2026 4:01
ADL 622519	ZESIGER, ANDREW	MINING CLAIM (MC)	ACTIVE (35)	FOURTEEN N W	9/15/2017 14:21	5/1/2026 4:01
ADL 622520	ZESIGER, ANDREW	MINING CLAIM (MC)	ACTIVE (35)	FOURTEEN N E	9/15/2017 14:21	5/1/2026 4:01
ADL 622521	ZESIGER, ANDREW	MINING CLAIM (MC)	ACTIVE (35)	C D E 1	9/15/2017 14:21	5/1/2026 4:01
ADL 622522	ZESIGER, ANDREW	MINING CLAIM (MC)	ACTIVE (35)	C D E 2	9/15/2017 14:21	5/1/2026 4:01
ADL 622523	ZESIGER, ANDREW	MINING CLAIM (MC)	ACTIVE (35)	THIRTEEN N W	9/15/2017 14:21	5/1/2026 4:01
ADL 623194	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	MILLER 1	12/1/2017 13:19	5/1/2026 4:01
ADL 623195	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	MILLER 2	12/1/2017 13:19	5/1/2026 4:01
ADL 623196	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	HEIM 1	12/1/2017 13:19	5/1/2026 4:01
ADL 623197	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	HEIM 2	12/1/2017 13:19	5/1/2026 4:01
ADL 623496	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	MILLER 3	3/30/2018 14:00	5/1/2026 4:01
ADL 623497	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	MILLER 4	3/30/2018 14:00	5/1/2026 4:01
ADL 623498	NELSON, TYLER	MINING CLAIM (MC)	ACTIVE (35)	MILLER 5	3/30/2018 14:00	5/1/2026 4:01

APMA 9801 Access Route






This map was created on 2/26/2025 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

-  State Mining Claim Active
-  Federal Mining Claim
-  Permit Lease ME Poly
-  Travel Route
-  RS2477 Historic Transportation Routes



Center: 147°6'42"W 65°5'4"N

Mineral Properties List

	ADL	Property Name	Owner	Legal Description
1.	623194	Miller 1	Tyler Nelson	F3N4E sec 18 SW1/4
2.	623195	Miller 2	Tyler Nelson	F3N4E sec 18 NW1/4
3.	623496	Miller 3	Tyler Nelson	F3N3E sec 13 NE1/4 of NE1/4
4.	623497	Miller 4	Tyler Nelson	F3N3E sec 12 SE1/4
5.	623498	Miller 5	Tyler Nelson	F3N3E sec 12 NE1/4 of SW1/4
6.	623196	Heim 1	Tyler Nelson	F3N3E sec 13 SE1/4
7.	623197	Heim 2	Tyler Nelson	F3N3E sec 13 SW1/4
8.	716255	Miller Discovery	Metallogeny Inc.	F3N4E sec 18 SW1/4 of SE1/4
9.	716256	Miller NO. 1 Below	Metallogeny Inc.	F3N4E sec 19 NW1/4 of NE1/4
10.	716257	Miller NO. 2 Below	Metallogeny Inc.	F3N4E sec 19 NE1/4 of NE1/4
11.	716258	Miller NO. 3 Below	Metallogeny Inc.	F3N4E sec 20 NW1/4 of NW1/4
12.	716259	Miller NO. 4 Below	Metallogeny Inc.	F3N4E sec 20 NE1/4 of NW1/4
13.	716260	Miller NO. 5 Below	Metallogeny Inc.	F3N4E sec 20 NW1/4 of NE1/4
14.	802763	Midnight Miller 1	Ronald Reitano	F3N4E sec 20 SW1/4 of NE1/4
15.	802764	Midnight Miller 2	Ronald Reitano	F3N4E sec 20 SE1/4 of NE1/4
16.	802765	Midnight Miller 3	Ronald Reitano	F3N4E sec 20 NE1/4 of SE1/4

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:

existing & well established trails access the area. Brushing & reestablishment of a portion of the Elliott creek trail was undertaken along the north bank of Helm creek due to dangerous and unavoidsable conditions encountered on Helm creek. Limited stream crossings during summer

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 1/2" x 11". Do not tape maps together.

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

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

See attached & narrative

State the average total miles traveled in one round trip: 14. State the number of trips proposed: 50

State the start and end date(s) or period(s) of proposed travel: 3-15 thru 4-15, 5-15 thru 9-15

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

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

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

Are you transporting fuel? Yes No

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

90 gallons

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

engine oil, antifreeze, grease, brake cleaner, spray lube, Hydraulic oil, air tool oil, gasoline, diesel

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

gallon containers, 5 gallon containers, spray cans, tubes, 55 gallon drums

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

Snow machine sled, ATV/UTV, pickup bed/tank

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.

at the Walnut Creek trail head. At the start of the Fairbanks creek road. upto 6 vehicles with trailers, roughly 20' x 110'.
Parking for single pick up with trailer at top of Helm Hill or Junction with creek road

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:

on site spill kit, absorb pads, duck ponds, kiddie pools, repair leaks on equipment

Quantity 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: 200 + 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: minimal and temporary until hauled out for disposal

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

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

TEMPORARY STRUCTURES/FACILITIES

(18)

Is a camp or placement of any temporary structure requested? Yes No
 If "No", Please explain: _____

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

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

Proposed perimeter dimensions of camp: 20 Length (feet) 50 Width (feet).

Request use of **existing** facilities, list ADL(s): 623194
 Year-Round Seasonal, from Approx. 3-15 to 9-15, annually.

Request to place **new** temporary structures, list ADL(s): 623194
 Year-Round Seasonal, from Approx. 3-15 to 9-15, annually.

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed		1	Cabin - T. Nelson	12-16		
Tent	1		camp - temporary	10-12		
Trailer						
Platforms						
Out-Buildings		3	shed, processing shed, out-house	10x10	8x12	4x4
Other:	1		portable processing shack	8x16		

* 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):
existing out-house on site. Any RV or travel trailer will have waste hauled off.
If practical, on site porta-john will be utilized.

Solid Waste - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal method. *Note: For on-site disposal on state land, additional authorization is required by DEC and DNR outside of the APMA.*
Haul out all trash and scrap iron for disposal. any used oils and absorbant to be hauled off for paper disposal

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: 450'

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.

Cabin, out-house and sheds are claim owner's and he has longer-range plan of use/removal
Tent to be erected and removed as needed
~~Shed~~ portable sampling shed to be erected and removed as needed, and belongs to claim owner

MINING METHOD

(19)

Mechanical Placer Mining (e.g., terrestrial open-cut operations with dozer or excavator, etc.)
 Estimated cubic yards processed annually: 1000

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

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

	Dredge 1		Dredge 2		Dredge 3	
Vessel ID (Name or Number)						
Vessel Dimensions						
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches:	HP:	Inches:	HP:	Inches:	HP:
Mechanical Dredge Bucket Volume	Cubic Yards:		Cubic Yards:		Cubic Yards:	
Processing Rate	Yds. ³ /Hr.:		Yds. ³ /Hr.:		Yds. ³ /Hr.:	
Wastewater Discharge Rate	GPM:		GPM:		GPM:	
Maximum Water Depth	Feet:		Feet:		Feet:	
Average Daily Operating Hours						
Operation on Sea Ice (Yes/No)	Yes <input type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>	
Vessel Registration # / State	#:	State:	#:	State:	#:	State:

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

PLACER EXPLORATION DRILLING AND TEST PITS

(20)

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

Test Pits: Yes No How long will the test pit be open if not converted into an active mine cut? 7 days
 Estimated number of pits to be excavated: 6
 Average Size: Length: 80 Ft. Width: 40 Ft. Depth: 30 Ft.
 Placer Drilling: Yes No
 Total number of holes to be drilled: 155 Type of drill(s) used: Ruger, RC Tricone / DTH

Drilling and Test Pit Identification and Mineral Property Information

Trench/Hole ID on Map	ADL/BLM/USMS NUMBER
<u>See attached</u>	

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 500 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:

See attached

List all stream crossings, suction dredge or pump locations, including unnamed streams.

	Stream Name/ Water Source	NAD 83 Datum (approximate) Coordinates can be obtained using Alaska Mapper http://dnr.alaska.gov/mapper/controller		MTRSC ¼ ¼ Ex: F001S001N01 SWSW	Check boxes to indicate type(s) of activity		
		Latitude ddd.mmmm	Longitude -ddd.mmmm		Crossing	Dredging	Water Intake
1.	<i>see attached</i>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

WATER USE AUTHORIZATIONS

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)? 3-15 thru 4-15
5-15 thru 9-15

Name & Location of Water Source(s):

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

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

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

Provide the geographic name or locally know name of water Source. (Recycle/settling ponds, creek, stream, well, etc.) If requesting a stream reach, clearly identify the entire stream reach on a legible map.	Meridian	Township	Range	Section(s)	Start-Up Water and/or Make-Up Water? Check each applicable box.			
					Start-Up	X	Make-Up	X
Example: Unnamed Creek	F	3N	3W	20	Start-Up	X	Make-Up	X
1. <u>Miller creek</u> <u>Stream reach</u>	F	3N	4E	18	Start-Up	<input checked="" type="checkbox"/>	Make-Up	<input checked="" type="checkbox"/>
Latitude: <u>65.0839 N</u>		Longitude: <u>147.0233 W</u>						
2. <u>Helm creek</u> <u>Stream reach</u>	F	3N	4E	18	Start-Up	<input checked="" type="checkbox"/>	Make-Up	<input checked="" type="checkbox"/>
Latitude: <u>65.0839 N</u>		Longitude: <u>147.0233 W</u>						
3. <u>various test holes, trenches, recycle ponds, settling ponds</u>	F	3N	4E	18	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
Latitude: <u>65.0839 N</u>		Longitude: <u>147.0233 W</u>						
4. <u>Helm creek</u> <u>Stream reach new location</u>	F	3N	3E	14	Start-Up	<input checked="" type="checkbox"/>	Make-Up	<input checked="" type="checkbox"/>
Latitude: <u>65.0830 N</u>		Longitude: <u>147.0680 W</u>						
5.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
Latitude:		Longitude:						

WATER USE AUTHORIZATIONS CONT.

(24)

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

Geographic Name of Water Source <i>(Same as sources Above).</i>	Diversion (gpm/cfs)	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month
Describe the water use information for each source. For recycle/settling pond system complete Section C.					
1. <i>Helm Creek</i>		<i>200 each</i>	<i>2</i>	<i>4</i>	<i>5</i>
2. <i>Miller Creek</i>		<i>200 each</i>	<i>2</i>	<i>4</i>	<i>5</i>
3.					
4.					
5.					

C. Recycle/Settling Pond System	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Additional Notes:
This system will also need to be listed as a water source in Section A. This entire pond system counts towards the 5 sources allowed per TWUA. Provide Length (L), Width (W), and Depth (D), of each pond. Beaver ponds or similar nature made impoundments will not be permitted for use as settling ponds.	<i>200 each</i>	<i>2</i>	<i>4</i>	<i>10</i>	<i>bulk sample locations to serve as settling ponds</i>
	Pond # 1: L: <i>20</i> ft W: <i>20</i> ft D: <i>30</i> ft			Pond # 2: L: <i>20</i> ft W: <i>20</i> ft D: <i>30</i> ft	
	Pond # 3: L: <i>20</i> ft W: <i>20</i> ft D: <i>30</i> ft			Pond # 4: L: <i>20</i> ft W: <i>20</i> ft D: <i>30</i> ft	

D. Camp Water Uses	Maximum # of People in Camp	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring, Lake Source(s) will count towards the 5 sources identified in Section A.
Provide information on camp water uses. If an ADEC public drinking water system is used, please attach certificate to operate and/or associated documents.	<i>4</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>Haul from fairbanks</i>
	Additional Notes: <i>Haul in drinking water and water for cleaning dishes</i>					

WATER USE AUTHORIZATIONS CONTINUED

(24)

E. Exploration Activities	Is Water Needed for Exploration Trenching or Drilling?	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring Lake, etc. Source(s) will count towards the 5 sources identified in Section A.
A map of your requested drilling water sources is required with the following information: -MTRS sections, -stream reaches or other water sources (please label, including take points if known) -and drill hole locations.	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 development of the location or adjacent locations, that is removed from the operation must be acquired via timber sale or written letter of non-objection from the Alaska Division of Forestry.

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

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

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

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

Sporadic use along drill holes. not much required

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.

minimal use to plug drill holes, warn mg sites, corduroy stream and bog crossings, chainsaw and Dozer cleared

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 #: AK6370099 *(current site permit)*

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

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

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

Approximate coordinates of mine site:

Latitude: 65.0850 N Longitude: 147.0247 W
Source (e.g., DNR - Alaska Mapper): DNR - Alaska Mapper

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

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

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

If a mixing zone is requested, provide the following:

Coordinates of discharge location: Latitude: _____ Longitude: _____
Maximum Effluent Flow anticipated from your operation _____ (GPM) [must be greater than zero (0)].
Distance to nearest downstream drinking water source _____ and downstream placer mine _____.

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

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

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

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

Signature of Responsible Party: _____

Responsible Party Name (First Last, Position) - Printed: _____

Business Name (if applicable) - Printed: _____

SECTION 404 WETLANDS PERMIT

JURISDICTIONAL DETERMINATION (CORPS JD) and MITIGATION STATEMENT

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

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

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

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

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

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

Latitude: 65.0850 N Longitude: - 147.0247W

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

Please list Corps permits previously issued for this site: POA- 2021 - 0033, POA- 2007 - 01391
current permit

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:

Andrew Ault

Print Name

[Signature]

Signature

2-5-26

Date

STREAM DIVERSION AND CULVERTS

(28)

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

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

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

Stream Name: _____

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

Diversion Start/upstream Location (Lat/Long) _____

Diversion End/Downstream Location (Lat/Long) _____

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

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

Annually reclaimed/returned to natural stream Maintained throughout mine life

Dimensions of existing stream in diversion area:

Length _____(ft) Top Width _____(ft) Bottom Width _____(ft) Depth _____(ft) Floodplain Width _____(ft)

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

Dimensions of proposed diversion:

Length _____(ft) Top Width _____(ft) Bottom Width _____(ft) Depth _____(ft) Floodplain Width _____(ft)

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

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

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

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

PLAN MAP OF OPERATION *REQUIRED

(29)

VICINITY MAP

See attached

APMA #

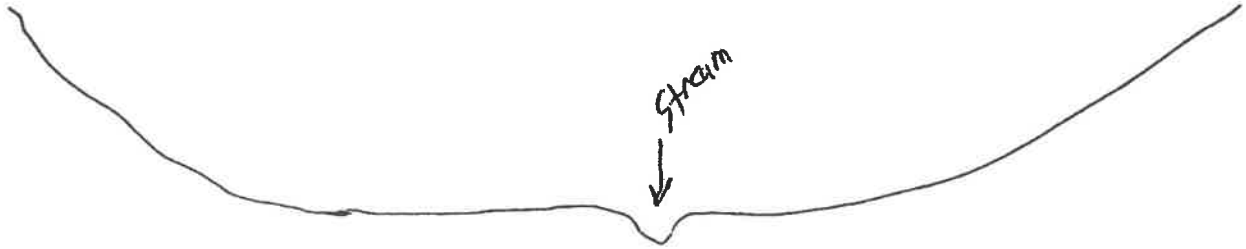
ADLs:

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

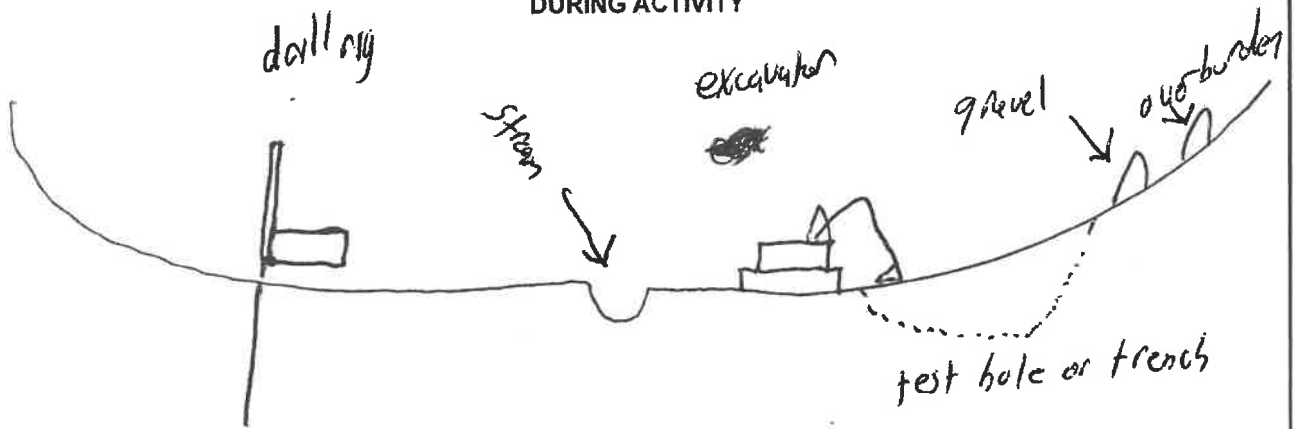
CROSS SECTION SKETCH *REQUIRED

(30)

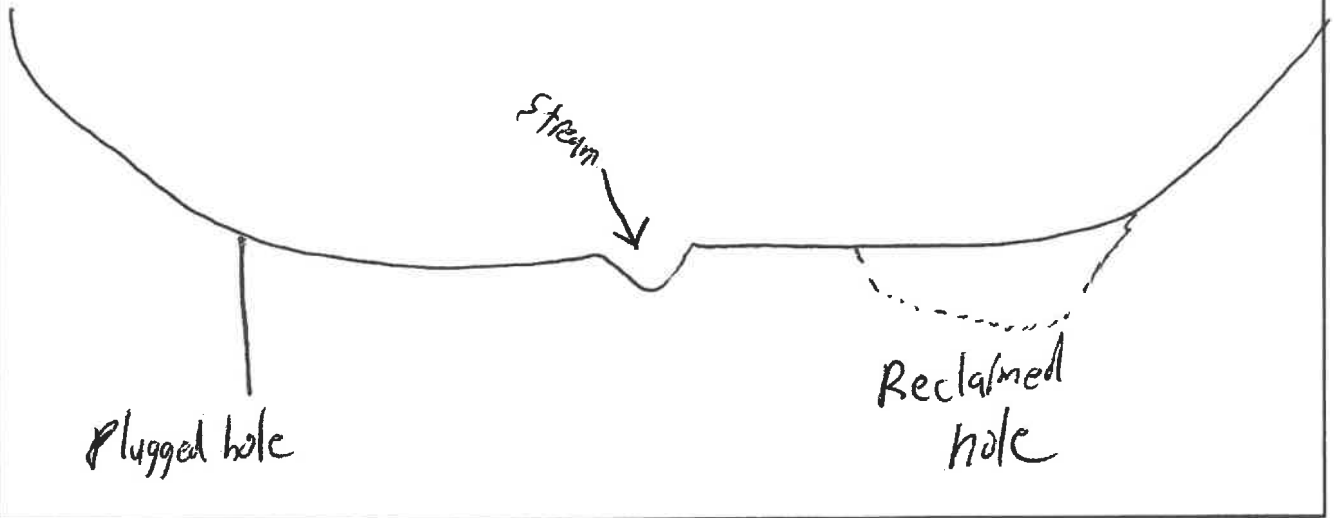
BEFORE ACTIVITY



DURING ACTIVITY



AFTER ACTIVITY



PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(31)

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

DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT:

Project is accessed by existing trails, some are RS 2477, off of Fairbanks creek rd. We plan to have no more than 6 people on site, with average being 4 people. 3 people plan to stay in the existing cabin on one of the claims, if necessary a tent will be utilized. For summer activities, a motor home or travel trailer may be utilized at the trail head.

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

This is an exploration project to determine if production is feasible. Drilling, ~~test~~ bulk sample test holes, and trenching methods will be utilized. If exploration results are favorable, summer work will include surveys and planning access improvements and identifying start up location. Development planning and permitting will follow. Production planning and permitting will follow.

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

Reclamation will occur concurrent with exploration. Disturbed areas are to be minimized and reclamation promptly. Drilling is the least intrusive and preferred method of exploration.

DISCUSS WATER MANAGEMENT PLANS, INCLUDING USE, SOURCE, QUANTITY AND SURFACE WATER/

EROSION MANAGEMENT PLAN: Most work to occur in winter. Summer work is planned before the rainy season and disturbances are to be promptly reclaimed. Work will be minimum 25' from water bodies. Water use will be minimal, only enough to process small batches of material.

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

will have a spill kit and additional absorbent on site. Extra fuel on site will be under 200 gallons and will be in a mix of 55 gallon drums, 5 gallon containers, and 1 gallon containers. Smaller containers will be in a duck pond.

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

CULTURAL RESOURCES: Streams are small and may not have any fish, and in stream and cross stream activities are minimal. Most work will occur in winter. We plan to leave wild life alone that does not pose a threat. Any cultural resources found will be avoided and reported.

HARDROCK EXPLORATION TRENCHING and DRILLING

(32)

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

Trenching: Yes No

Estimated number of trenches to be excavated: _____ How long will trenches be open? _____

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

Drilling: Yes No

Type of Drill(s) Used: _____

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

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

Will water be used? Yes No

Water source name(s): _____

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

Trench/Drilling Location and Mining Claim Information			
Trench/Drill ID on Map	ADL/BLM/USMS NUMBER	Decimal Degrees, NAD 83 Datum	
		Latitude	Longitude (approximate)

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

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.

not exploring hard rock

- 1.) Describe access to property, drill/trench sites, including length and type of access routes. Describe access reclamation measures to be conducted and timeline.
- 2.) Describe exploration method, scope of work proposed, equipment, when and where activities will occur, personnel housing location and camp description.
- 3.) Describe site preparation activities and pre-reclamation measures.
- 4.) Describe pad construction and dimensions.
- 5.) Describe drill core management, to include transportation of core, storage, and removal or disposal from the exploration project.
- 6.) Describe drill waste and drill water management, drill fluids and disposal methods. Attach msds/sds for all substances.
- 7.) Describe fuel handling at exploration drill sites (pads and trenches) and off site (camp or base operations).
- 8.) Discuss spill prevention and response plan.
- 9.) Describe water use including estimate of daily water use.
- 10.) Describe how the operation will avoid and/or mitigate potential impacts to fish, wildlife and cultural resources: describe closure, plugging methodology, surface reclamation and abandonment.

2025 ANNUAL RECLAMATION STATEMENT

(33)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # 9801

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

In accordance with AS 27.19 (Reclamation Act):

I, Andrew Ault hereby file an annual reclamation statement for the 2025 mining operation described in subject Application for Permits to Mine in Alaska. (Submission of this statement does not constitute reclamation approval.)

Volume of material disturbed in 2025: 500 cubic yards (Includes stripping and processed material.)

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

Total acreage disturbed in 2025 State 1, 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 0 feet and Width 0 feet of stream diversion.

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

Total Area reclaimed in 2025: 0.25 acres.

Total un-reclaimed acres: 0.25 (This should match "total acreage currently disturbed" on the 2026 Reclamation Plan Form.)

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

You must include photographs or videotapes of the completed reclamation work:

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

Other Reclamation Measures Taken:

Plug all drill holes, Most exploration holes (excavator dig) reclaimed. Some exploration holes were only partially reclaimed to allow for more assessment

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

Relationship to Claim(s)

Owner Lessee Operator

Signed [Signature]

Date 12-15-25

Agent For: Moonlighting Construction LLC

2026 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)

<input type="checkbox"/> A. RECLAMATION PLAN (REQUIRED if the operation will disturb five or more acres this year, OR 50,000 cubic yards, OR if the operation has a cumulative disturbed area of five or more acres).	<input type="checkbox"/> B. RECLAMATION PLAN VOLUNTARY (for an operation below limits shown in Box A but wanting to qualify for the statewide bonding pool. (Operations on BLM Lands and others not filing Letter of Intent).	<input checked="" type="checkbox"/> C. LETTER OF INTENT (34) (less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).
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In accordance with Alaska Statute 27.19, reclamation is required of all mining operations. Reclamation bonding is required of operations with disturbance of 5 acres or greater. Completion of this application will meet the requirements for a "Reclamation Plan" for operations 5 acres and larger in size and for a "Letter of Intent To Do Reclamation" for operations under 5 acres. If you do not intend to use the reclamation methods presented below, you must provide additional information concerning your plans for reclamation under separate attachments.

Total acreage currently disturbed: 0.25 acres. This should match: "Total Unreclaimed Acres" on your 2025 Annual Reclamation Statement for Small Mines, or line #7 on your 2026 Bond Pool Renewal Form. Disturbed ground includes all unreclaimed mining and exploration activity (excluding camps and roads) since October 1991. Federal operators must include areas of camps and roads.

New acres to be disturbed in 2026 1.75 acres. Total acreage (currently disturbed plus new acres): 2 acres.

Acreage disturbed by land status: 2 State (general) 0 State (Mental Health) 0 Private 0 Federal

Total acreage to be reclaimed in 2026: 2 acres; Total volume of material to be disturbed in 2026: 12,500 cubic yards.

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

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

THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:

(These measures are required by law. Those that do not apply may be crossed out; but, an explanation must be given as to why these measures are not necessary at your site.)

- Topsoil, vegetation, and overburden muck, not promptly redistributed to an area being reclaimed, will be individually separated and stockpiled for future use. This material will be protected from erosion and from contamination by acidic or toxic materials and will not be buried by tailings.
- The area reclaimed will be reshaped to blend with the surrounding area using tailings, strippings, and overburden and be stabilized.
- Stockpiled topsoil, overburden muck, will be spread over the contoured exploration sites to promote natural plant growth such that the area can reasonably be expected to revegetate within five years. Stockpiled vegetation will be spread over topsoils.
- Settling ponds located within the active flood plain and necessary for continued use during the next mining season will be protected from erosion or the fines removed.
- If the mining operation diverts a stream channel or modifies a flood plain to the extent that the stream channel is no longer stable, the stream channel will be reestablished in a stable location in the valley flood plain.
- The flood plain will be established as appropriate to accommodate seasonal high-water flood events and prevent undue erosional degradation.
- Exploration trenches will be backfilled. Brush piles, stumps, topsoil, and other organics will be spread on the backfilled surface to inhibit erosion and promote natural revegetation.
- Shallow auger holes (limited to depth of overburden) will be backfilled with drill cuttings or other locally available material in such a manner that closes the hole to minimize the risk to humans, livestock and wildlife.
- At placer drift mine closure, all mine shafts, adits, tunnels, and air vents to underground workings will be stabilized and properly sealed to ensure protection of the public, wildlife, and the environment.
- On state lands; all buildings and structures constructed, used or improved will be removed, dismantled, or otherwise properly disposed of unless the surface owner or manager authorizes that the buildings and structures may stay.
- On state lands; all scrap iron, equipment, tools, piping, hardware, chemicals, fuels, waste, and general construction debris will be removed or properly disposed of.
- Reclamation measures taken will be consistent with any alternate post mining land use approved by the Commissioner, subject to the provisions of 11 AAC 97.300(h) and the conditions (if any) of an approved reclamation plan.

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

BONDING: In accordance with AS 27.19, bonding is required for all operations having a mined area of greater than or equal to five acres on State Land. This area must be bonded for \$750.00 per acre, unless the miner can demonstrate that a third party contractor can do the needed reclamation for less. The Statewide Bonding Pool may be joined by completing a bond pool application form and meeting certain requirements. No reclamation plan approval goes into effect until the bonding pool deposit and annual nonrefundable fees are paid. Use bond form to calculate area of disturbance for bonding.

BLM requires that a reclamation plan be consistent with 43 CFR 3809.420, Performance Standards for the Surface Management regulations for Federal Operations. Refer to 43 CFR 3809 or the BLM minerals website available at <https://www.blm.gov/programs/energy-and-minerals/mining-and-minerals> for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.

Andrew Holt Printed name (Applicant)	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Agent For: <u>Mammoth Construction Inc</u>	Date: <u>12-15-25</u> APMA #: <u>9801</u>
_____ Signature (Applicant)		

Amended Miller and Heim Creek Exploration Narrative

Two adjoining blocks of mineral claims are being added to APMA 9801. The Reitano additions on Miller creek, 3 ea. 40 acres, were included in the initial APMA submission and had to be withdrawn due to adjudication issues; those issues have been resolved. The Zesiger additions on Heim creek, 5 ea. 160 acres, could not be included during initial submission due to estate/ownership issues having not been resolved; those issues have been resolved.

Access to the area was found to be challenging in spring 2025, multiple areas of thin ice were found to cover deep holes literally full of quicksand in the upper Heim creek valley. As a result, spring 2025 activities were put on hold until a thorough assessment could be conducted in the summer, and a safe and least environmentally intrusive route could be determined. Multiple warm springs were found to exist in the proximity of the thin ice and deep holes discovered; some or all flow year round. An old existing trail along the north bench of Heim creek was found. This trail was primarily across uplands; with most areas having less than one foot of vegetative mat and silt covering the gravels. Hand/chainsaw cutting methods were used to clear the trail initially and after reaching the permitted area a tracked skid steer with a Fecon cutter head was brought in. This access route is serving as both the main access and main exploration route and was the shortest route available, thus minimizing the impact/footprint of the project. A longer, steeper, and narrower ridge trail existed that would have required significantly more effort to clear and would have required additional routes for exploration activities.

Addition/resubmission of 12 drill hole locations on Miller creek. Addition of 54 drill holes on Heim creek. Addition of an area to have "to be determined" bulk samples, trench excavations/samples, and/or targeted drilling (every 5') along a drill line encompassing 7 planned drill holes on Heim creek. Addition of a primary water withdrawal location along Heim creek (current permit allows a stream reach).

Additional equipment list

1. Cat 299 tracked skid steer with Fecon brush cutting head, currently off site

Planned Drilling Locations Amended/Additions

Line/hole Id		Location	ADL
Reitano claims-			
Miller 1	A	65.0711N 146.9673W	802765
	B	“ 146.9664W	“
	C	“ 146.9659W	“
	D	“ 146.9654W	“
Miller 2	A	65.0725N 146.9689W	802765
	B	65.0729N 146.9684W	802764
	C	65.0731N 146.9674W	“
	D	65.0735N 146.9668W	“
	E	65.0740N 146.9663W	“
	F	65.0744N 146.9656W	“
	G	65.0750N 146.9655W	“
Miller 3	A	65.0763N 146.9779W	802763

above drill locations were included in original APMA submission, but had to be removed due to adjudication issues with the three claims

**total holes included in original APMA submission- 12

New drill holes on Zesiger claim additions-

Heim 6	A	65.0856N 147.0688W	622522
	B	65.0850N “	“
	C	65.0846N “	“
	D	65.0841N “	“

Heim 6	E	65.0837N 147.0685W	622522
	F	65.0833N 147.0683W	“
	G	65.0831N 147.0682W	“
	H	65.0829N 147.0683W	“
	I	65.0827N 147.0683W	“
	J	65.0825N 147.0679W	“
	K	65.0823N 147.0674W	“
	L	65.0820N 147.0674W	“
Heim 7	A	65.0837N 147.0719W	622522
	B	65.0835N “	“
	C	65.0834N “	“
	D	65.0832N “	“
	E	65.0831N “	“
	F	65.0830N “	“
	G	65.0828N 147.0725W	“
	H	65.0827N 147.0719W	“
	I	“ 147.0713W	“
	J	65.0825N 147.0704W	“
	K	65.0822N 147.0698W	“
	L	65.0818N 147.0691W	“
Heim 8	A	65.0838N 147.0744W	622522
	B	65.0836N “	“
	C	65.0834N 147.0745W	“
	D	65.0832N “	“
	E	65.0831N “	“
	F	65.0830N 147.0744W	“

Heim 8	G	65.0829N 147.0747W	“
	H	65.0828N 147.0750W	“
	I	65.0827N 147.0755W	622522
Heim 9	A	65.0862N 147.0832W	622522
	B	65.0861N 147.0834W	622521
	C	65.0860N 147.0837W	“
	D	65.0859N 147.0838W	“
Heim 10	A	65.0874N 147.0851W	622519
	B	“ 147.0852W	“
	C	“ 147.0854W	“
	D	“ 147.0855W	“
	E	“ 147.0857W	“
	F	“ 147.0858W	“

Total new planned additional drill locations for amended APMA- 43

Total new “to be determined” drill locations on Zesiger additions- 11

Total holes potentially drilled on Zesiger additions- 54

Planned bulk and/or trench sample locations

-For approximately 925' along drill hole locations Heim 6A thru 6G, based upon drill hole results the choice will be made to either bulk sample (100-200 yard test), trench exploration, and/or undertake targeted drilling (5' between holes).

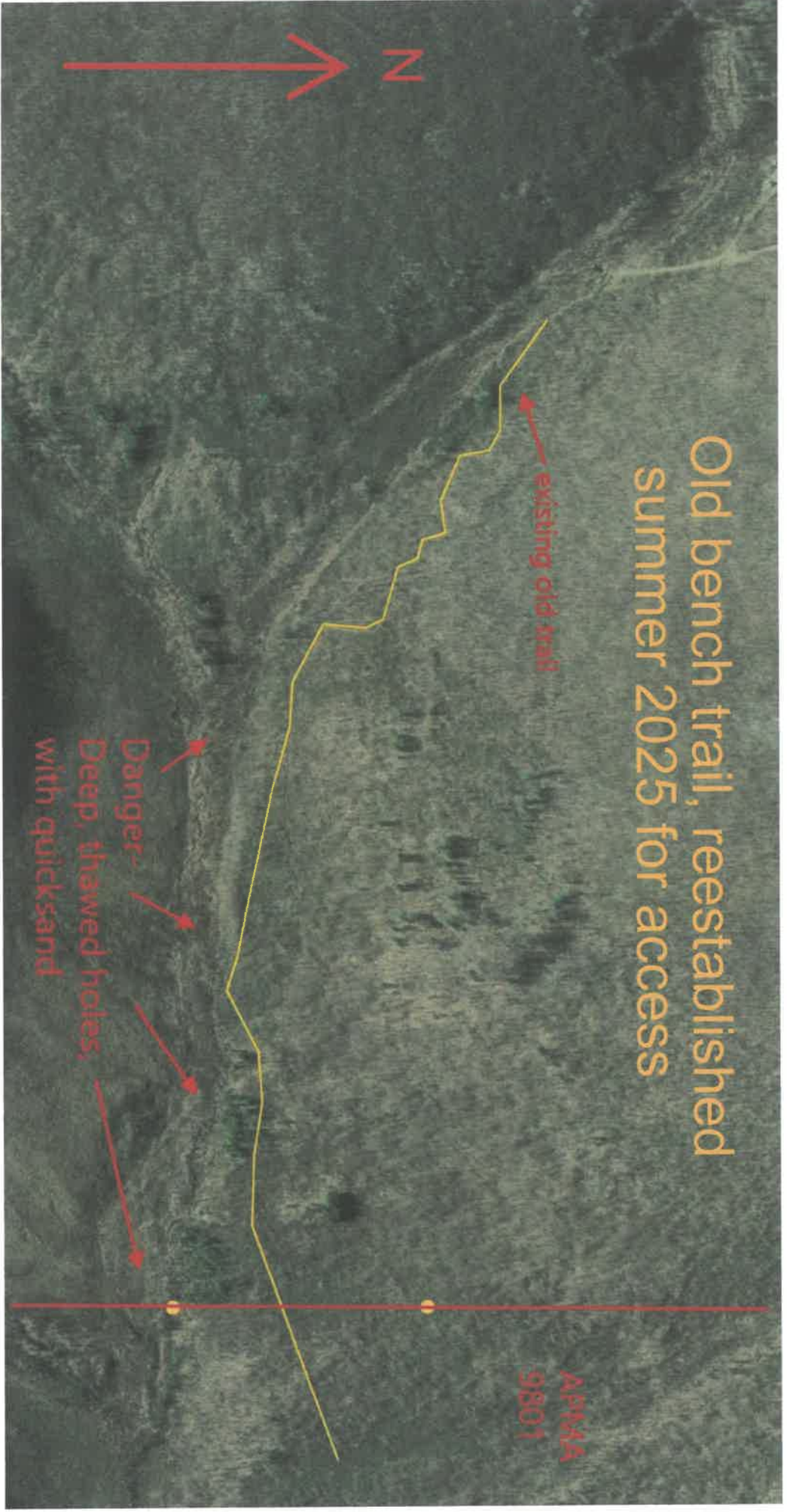
**Water for any bulk sample processing will be pulled from nearby Heim creek. The bulk sample or trench exploration will serve as the settling pond for sample processing and will be reclaimed after processing sample.

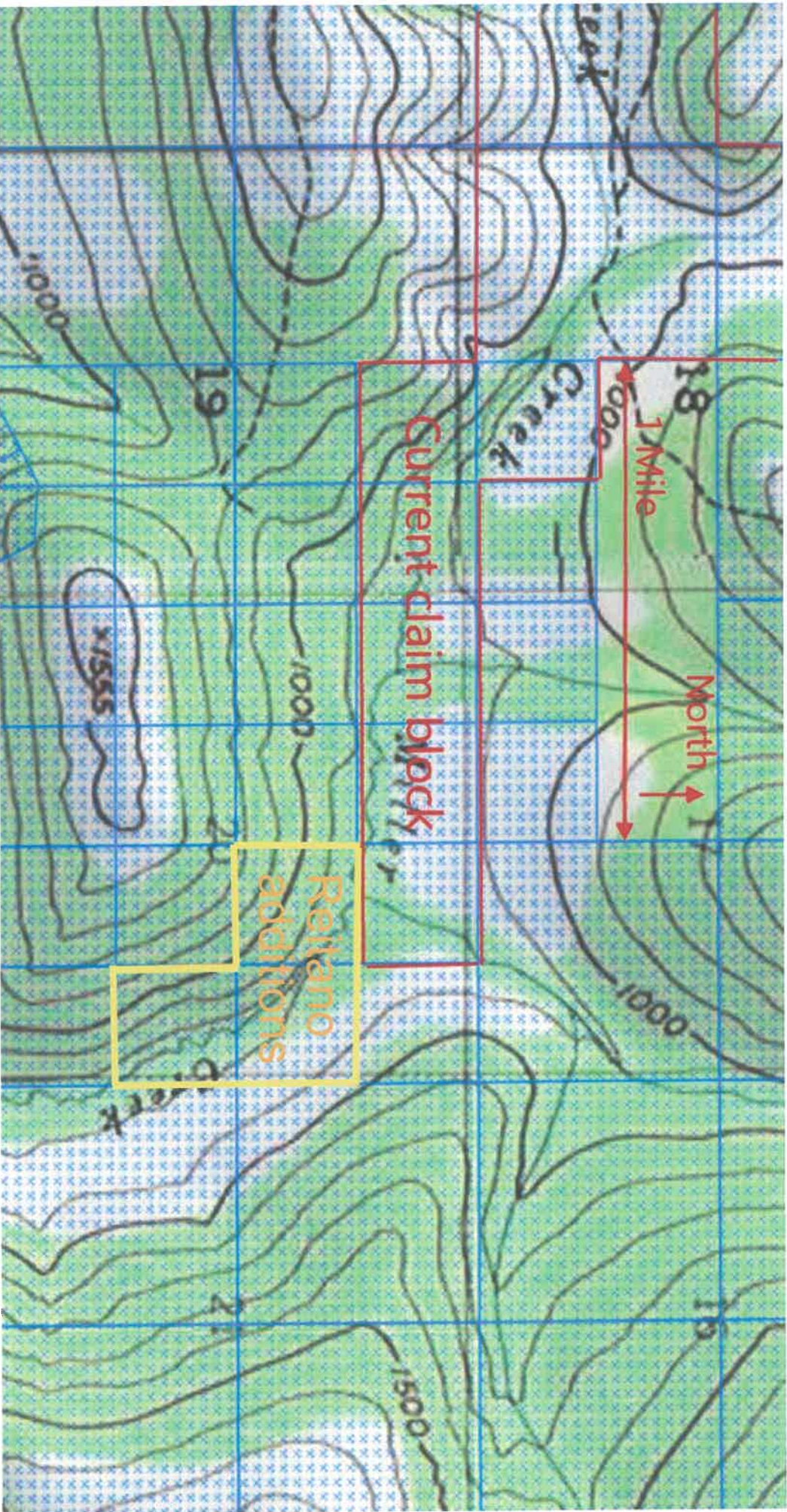
Old bench trail, reestablished summer 2025 for access

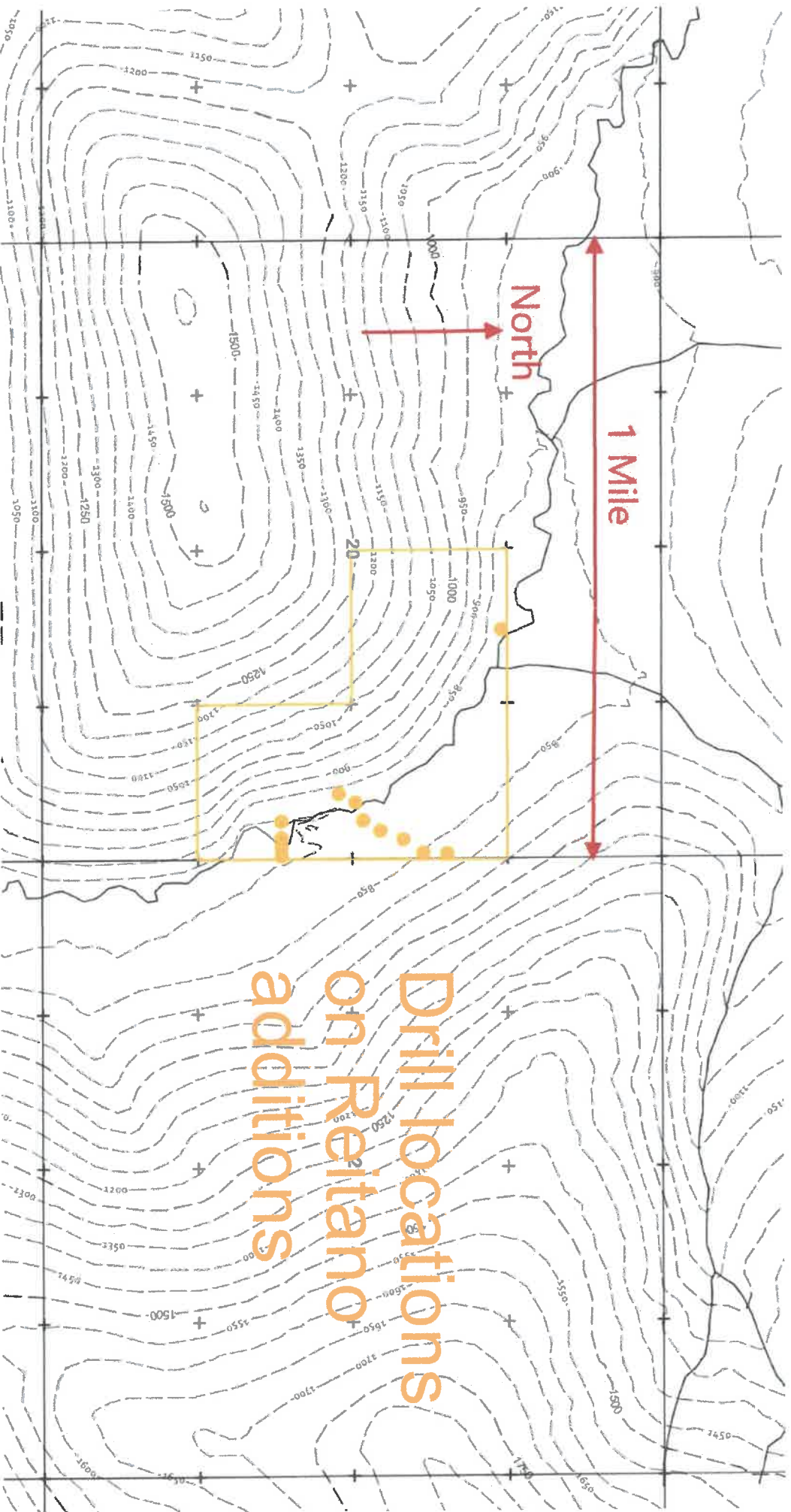
existing old trail

Danger -
Deep, thawed holes,
with quicksand

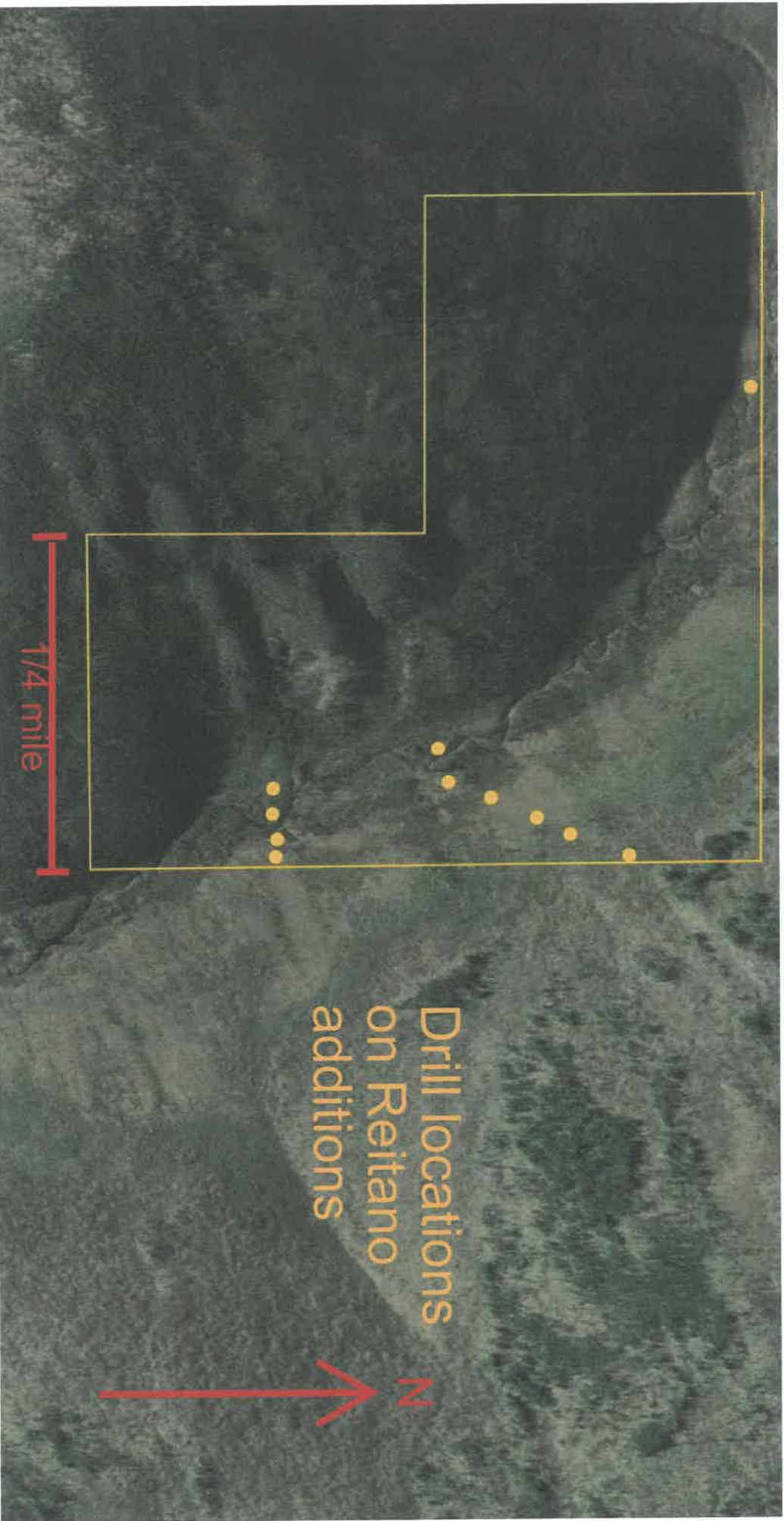
APMA
9801



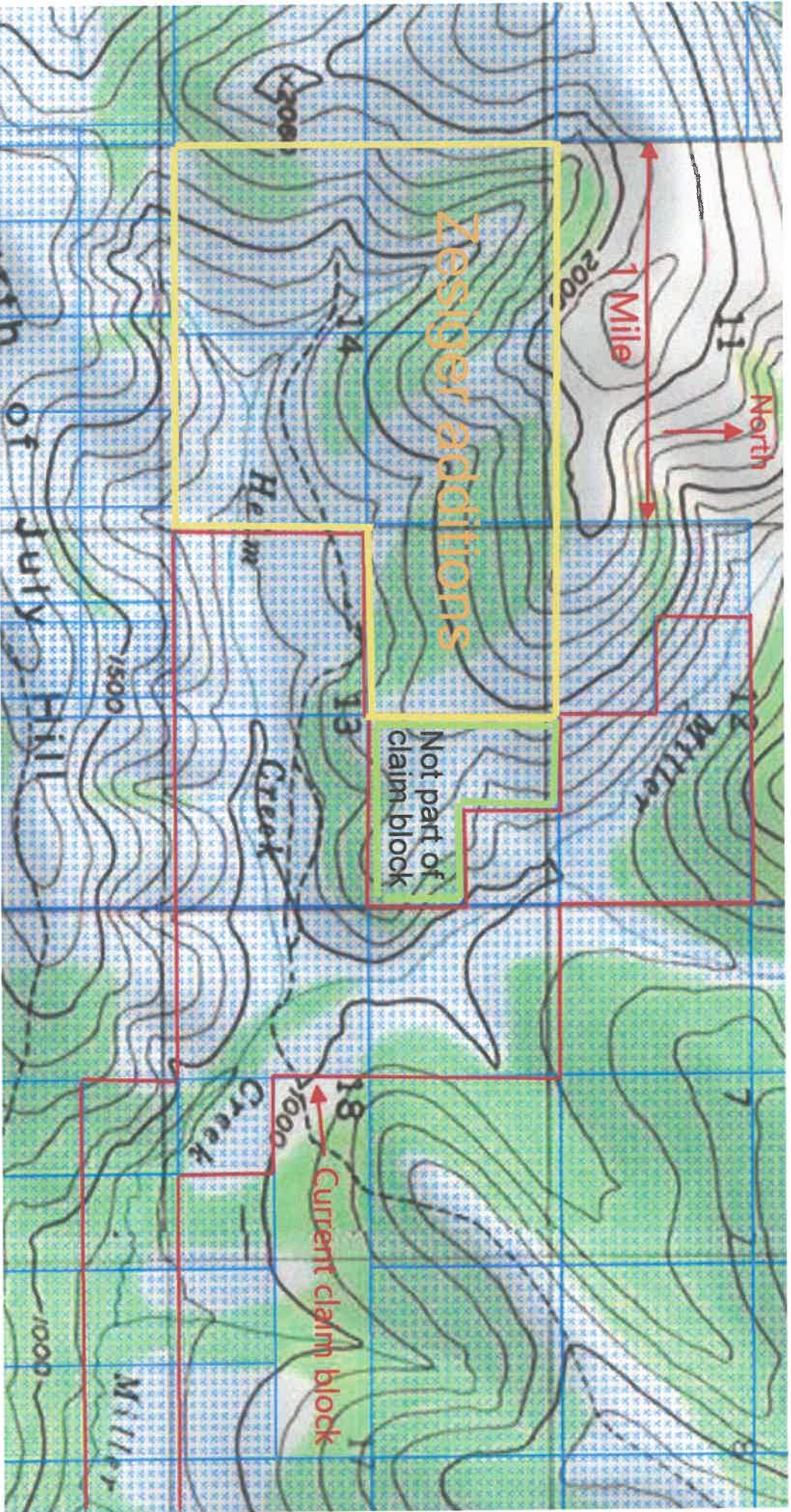




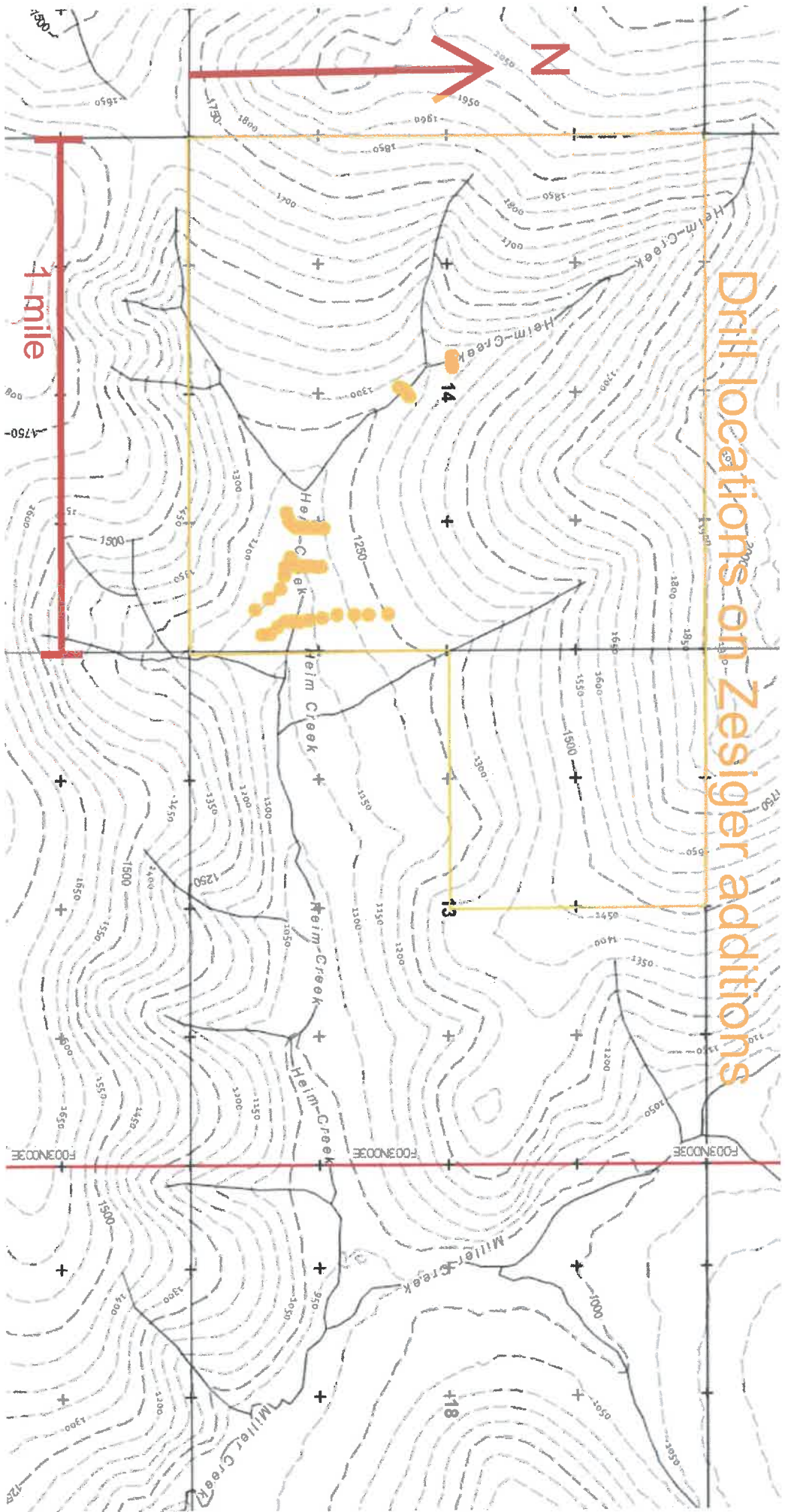
Drill locations
on Reitano
additions



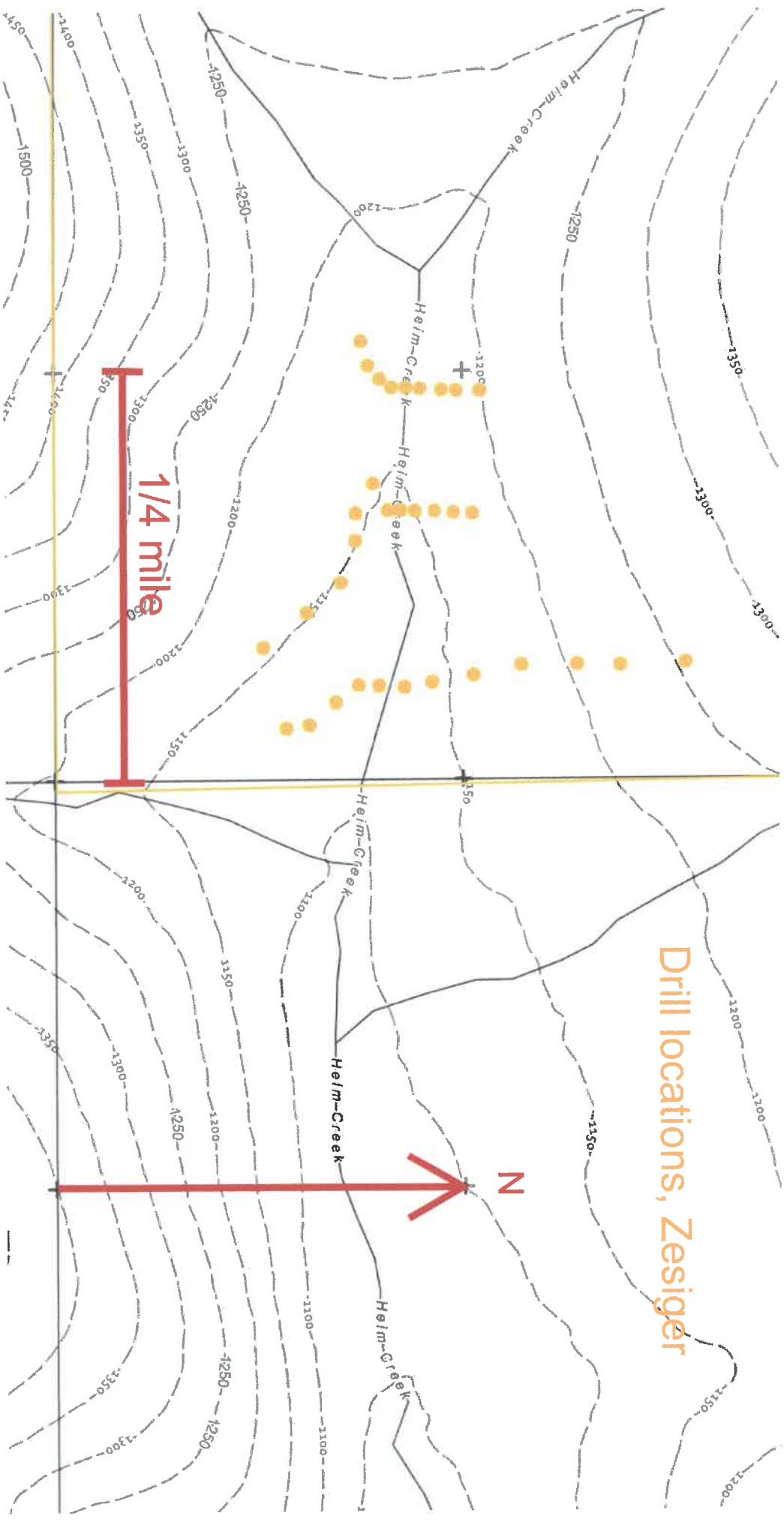
Drill locations
on Reitano
additions

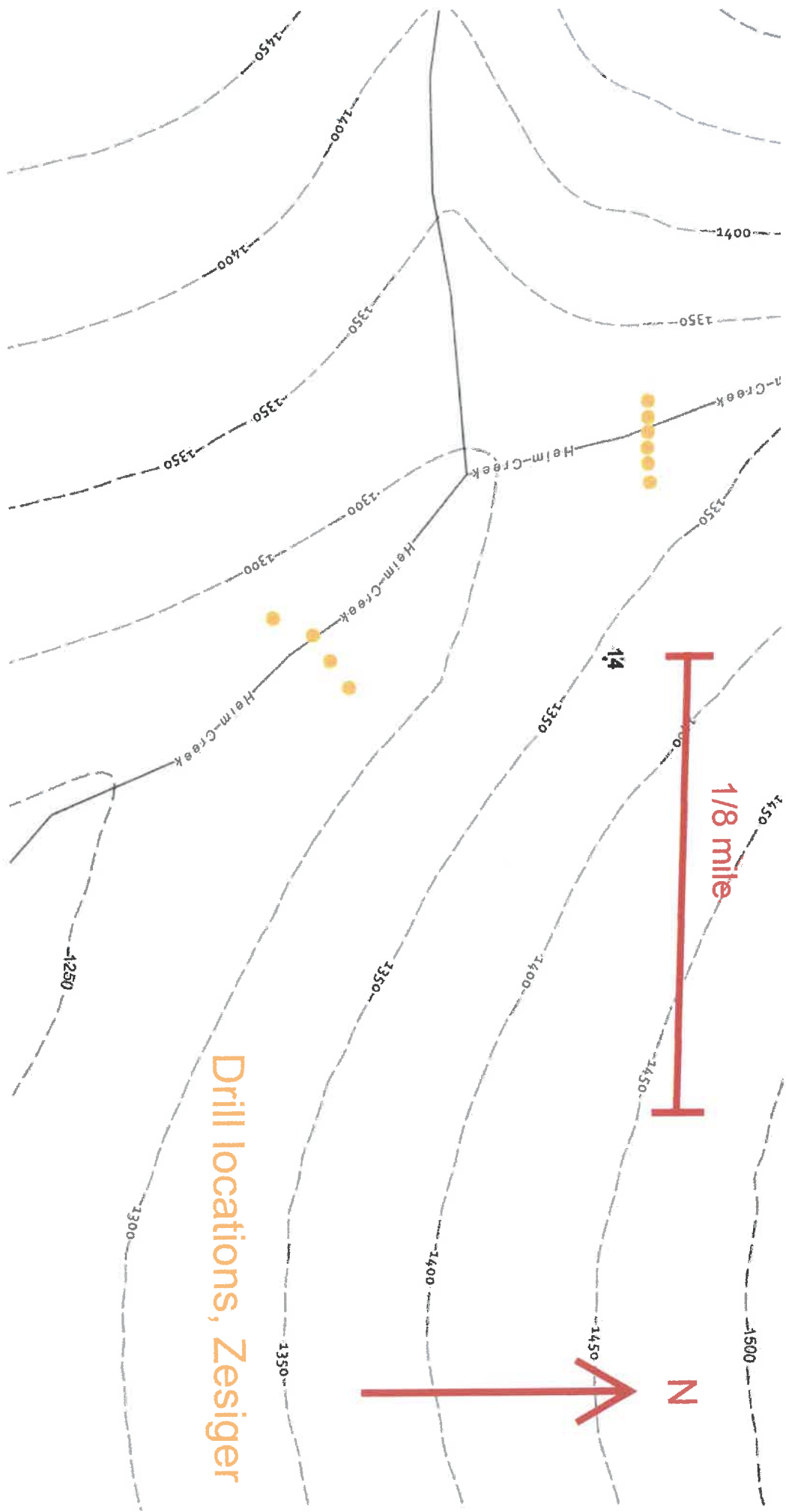


Drill locations on Zesiger additions

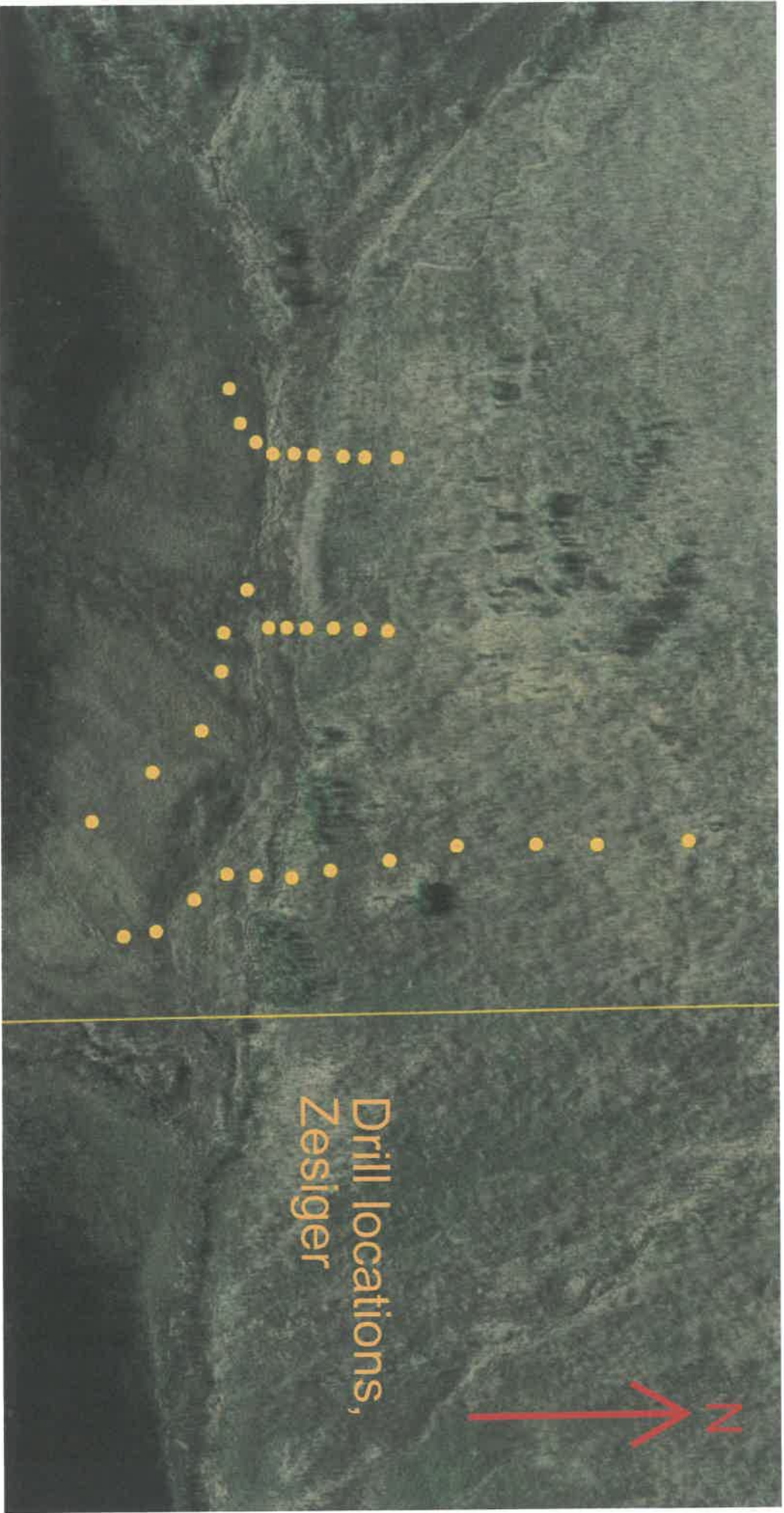


Drill locations, Zesiger

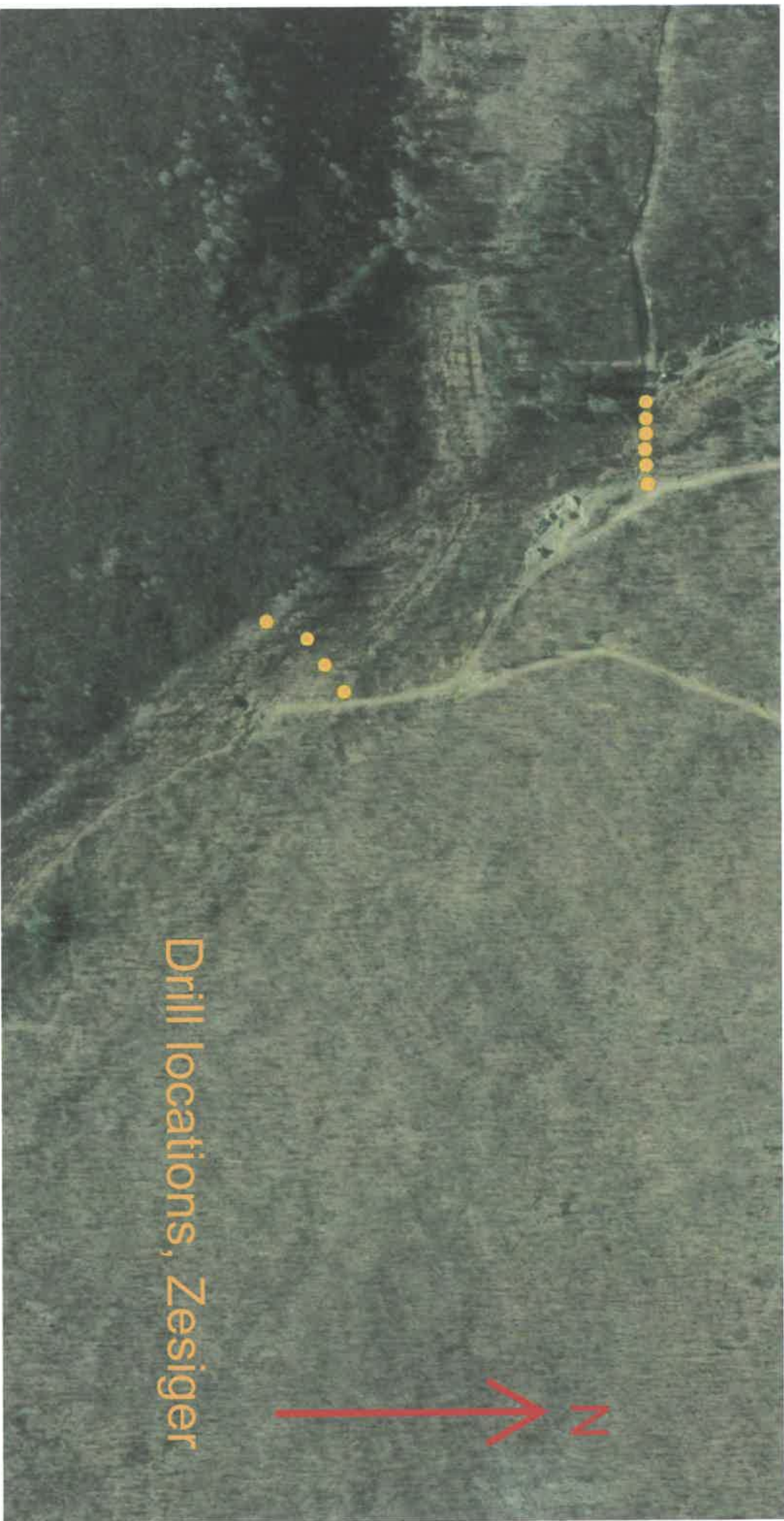




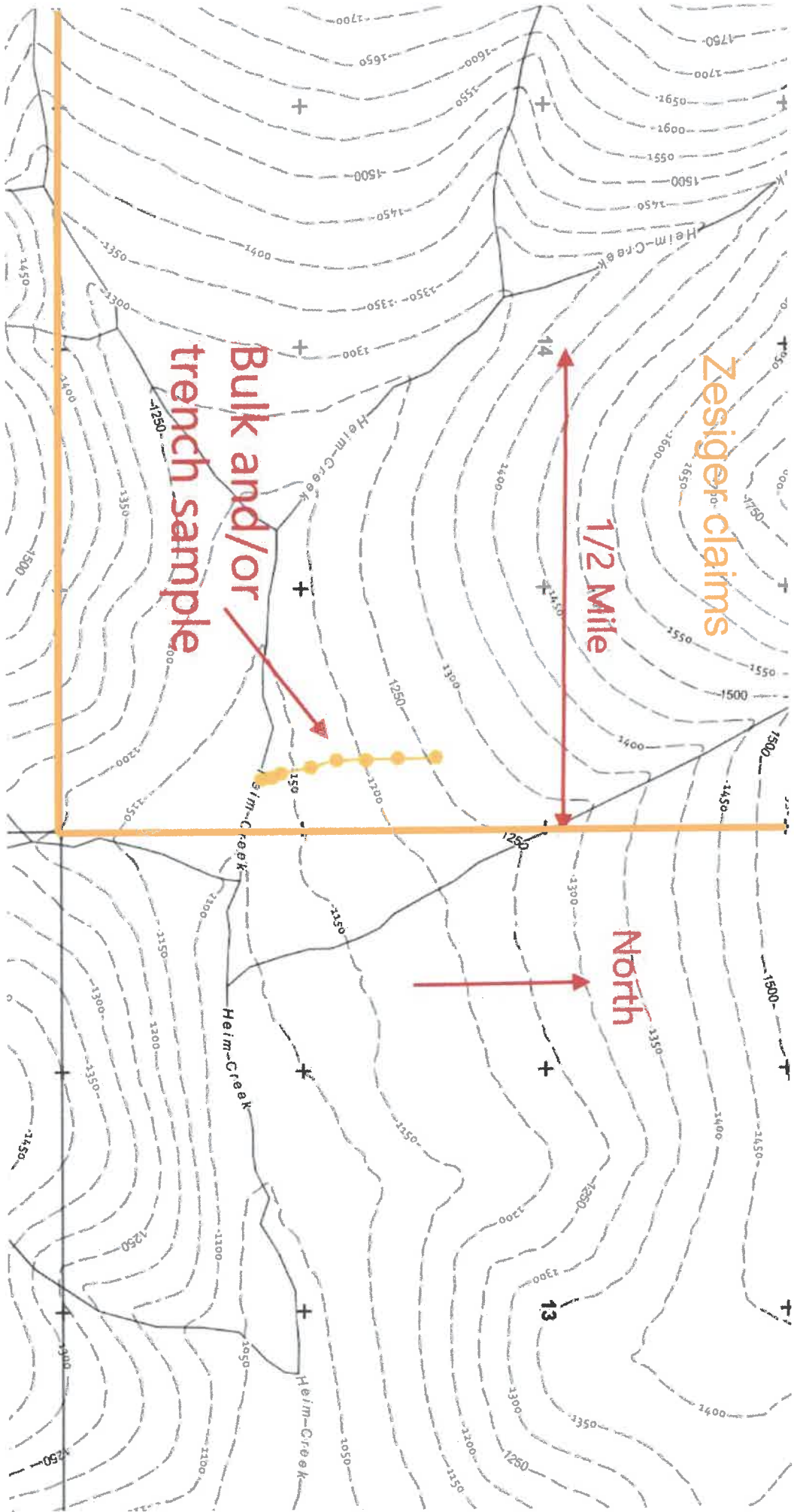
Drill locations, Zesiger



Drill locations,
Zesiger



Drill locations, Zesiger



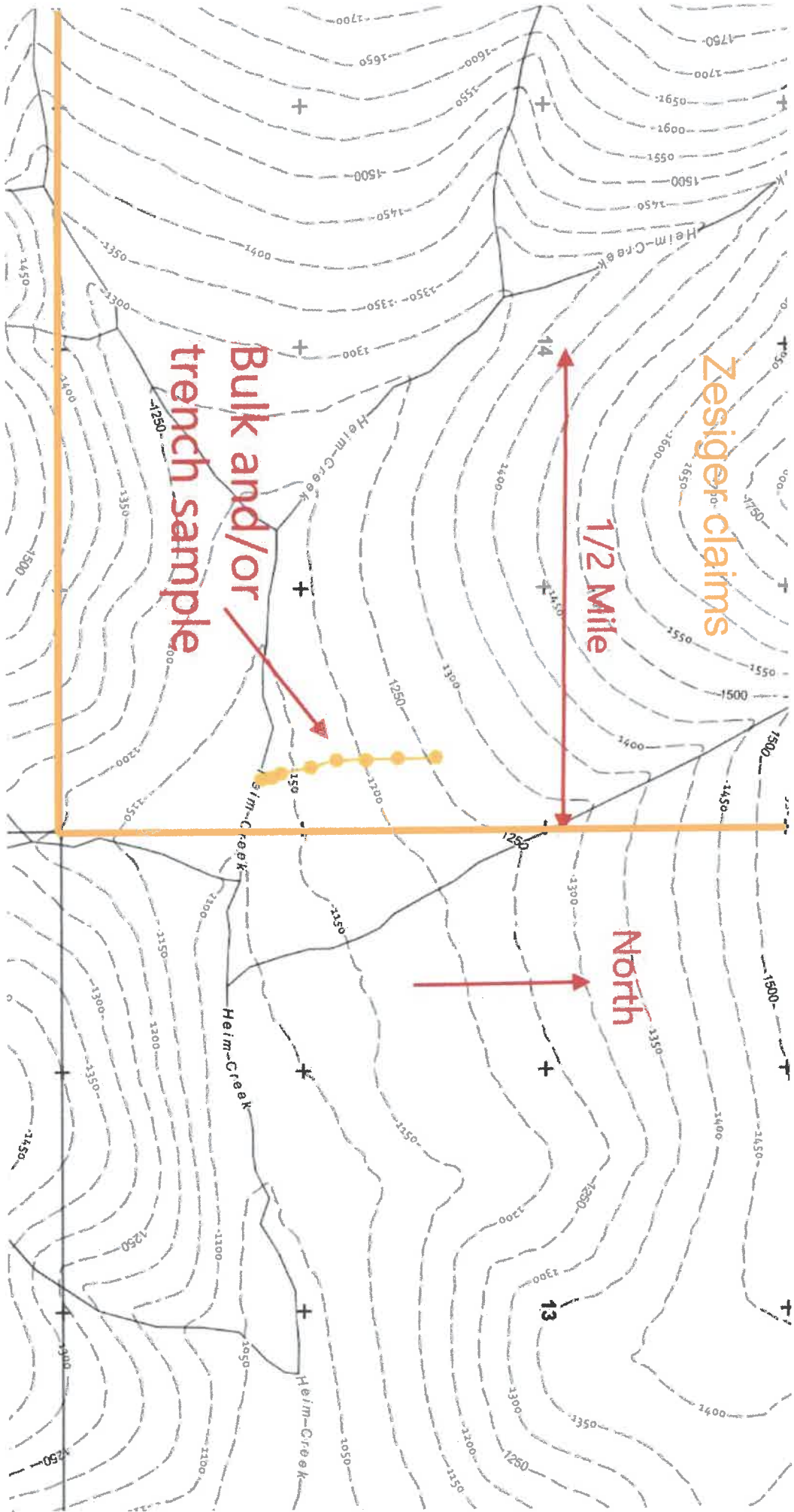
Zesiger claims

1/2 Mile

Bulk and/or trench sample

North

13

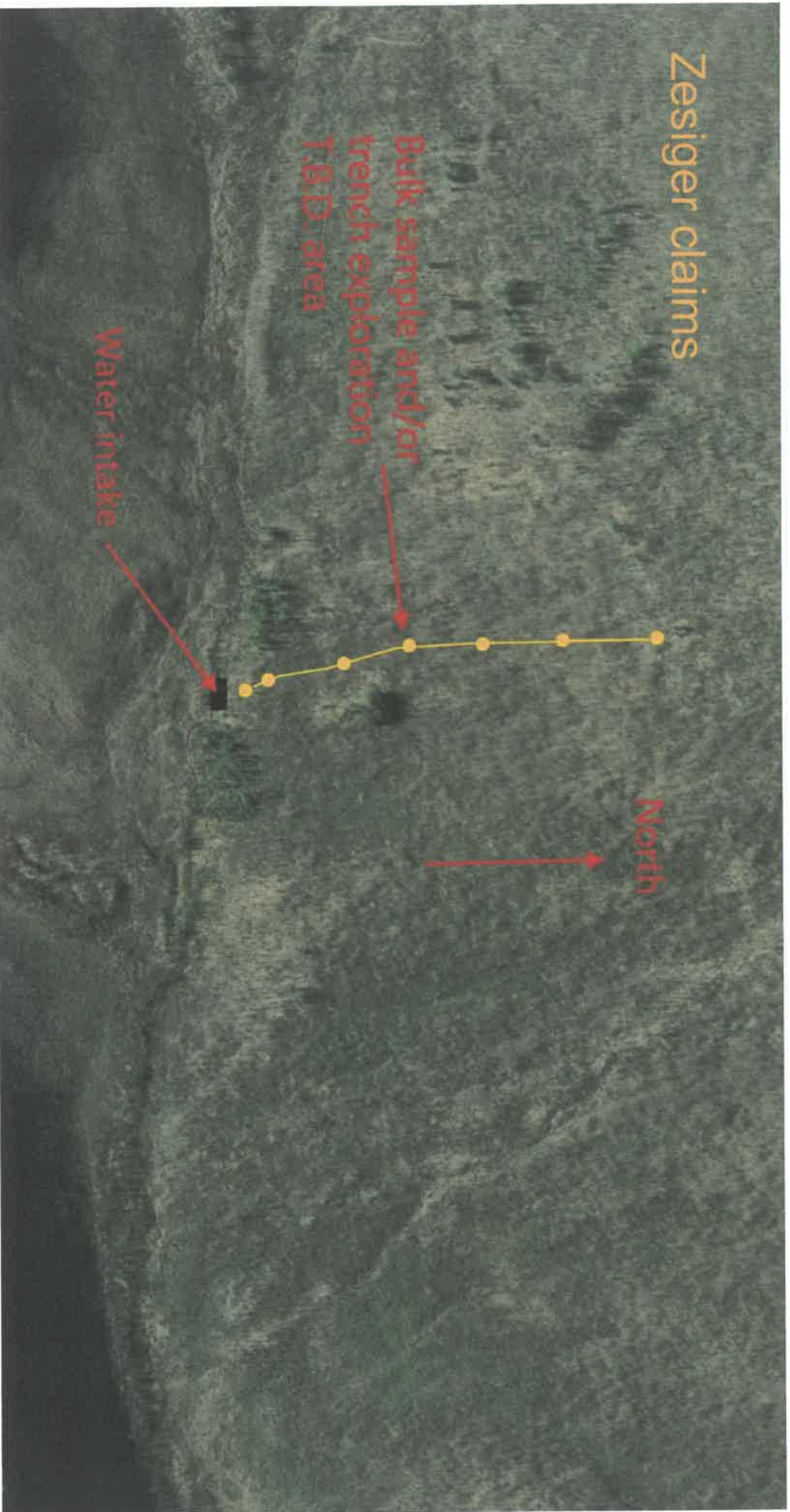


Zesiger claims

Bulk sample and/or
trench exploration
T.B.D. area

Water intake

North



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.
ase include it with your APMA.

OPERATOR AUTHORIZATION

APMA# _____

I, RONALD REITANO, OWNER of mineral property(s):

Check Type of Mineral Property(s)
 State ADL
 Federal AKFF/AKAA
 USMS
 MTRS (Native Lands)

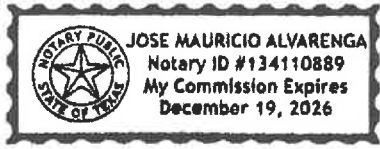
List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).
802763 802764 802765

(Attach additional sheet if necessary)

Have authorized Moonlighting Construction Inc.
 Address of Operator P.O. Box 102633, Fairbanks, AK 99726
 to operate on these claims from 1/3/25 to 12/31/2029

Owner's Signature Ronald Reitano Date 1-3-25

NOTARY
 Subscribed and sworn to before me this 03 day of Jan, 2025.
 For (owner)
 (Signature of Notary) [Signature]
 My commission expires: 12/19/26



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: _____

** copy, original submitted with original APMA Submission*

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# 9801

I, <u>Andrew Zesiger</u> , OWNER of mineral property(s):					Check Type of Mineral Property(s) <input checked="" type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).					
<u>622519</u>	<u>622520</u>	<u>622521</u>	<u>622522</u>	<u>622523</u>	
(Attach additional sheet if necessary)					
Have authorized <u>Moonlighting Construction Inc.</u>					
Address of Operator <u>PO Box 60633 Fairbanks, AK 99706</u>					
to operate on these claims from <u>5/12/25</u> to <u>12/31/2029</u>					
Owner's Signature <u><i>Andrew Zesiger</i></u>			Date <u>May 12 - 2025</u>		

NOTARY
Subscribed and sworn to before me this <u>12th</u> day of <u>May</u> , 20 <u>25</u> .
For (owner)
(Signature of Notary) <u><i>Clare Hanneman</i></u>
My commission expires: <u>with office</u>

STATE OF ALASKA
NOTARY PUBLIC
 Clare Hanneman
 My Commission Expires With Office

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) <input type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> 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: