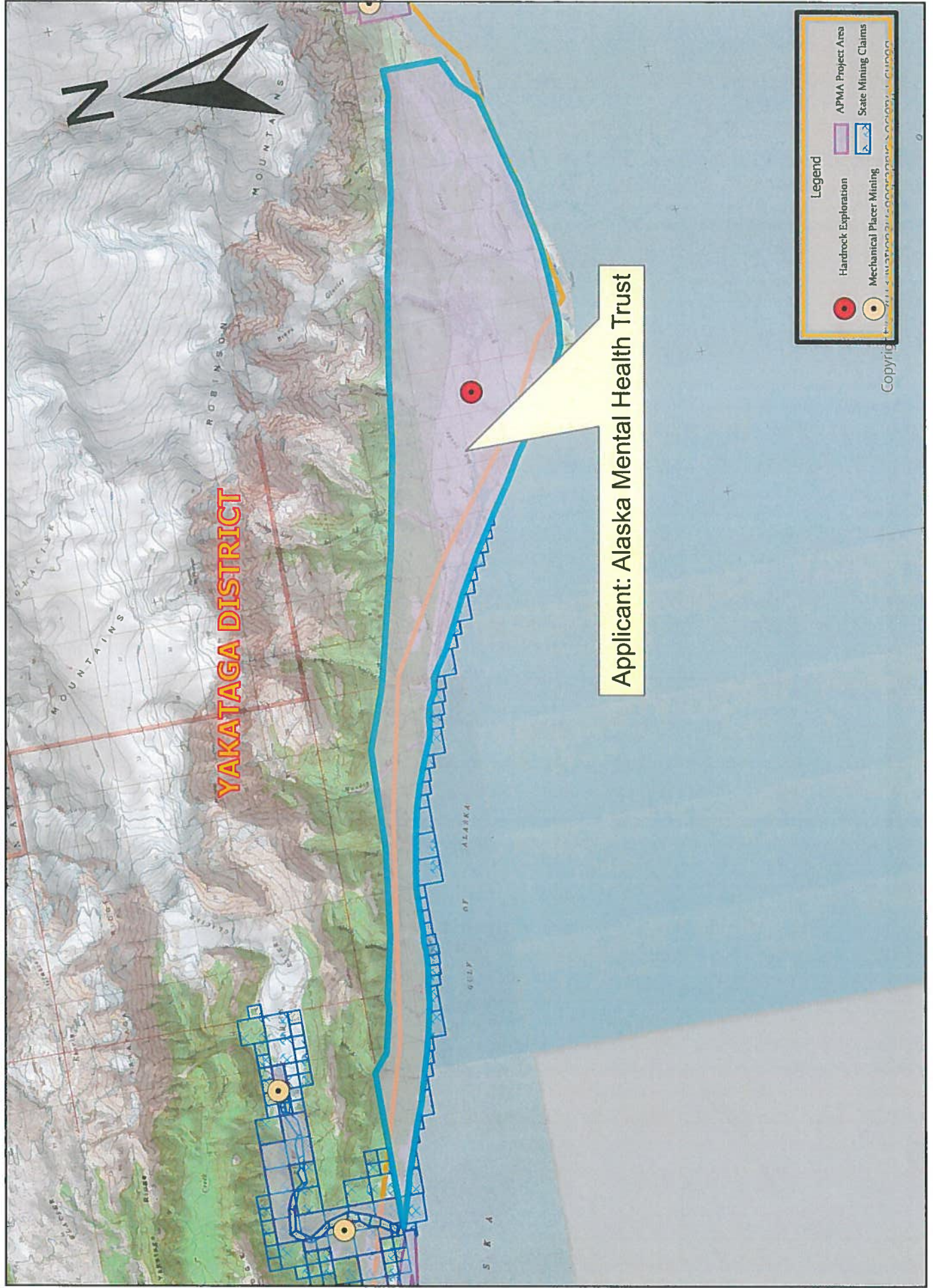


STATE OF ALASKA
Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: 2022 Finish: 2026 APMA Number (A/F/J, Year, ****) J20223215

What type activity are you planning to perform? *REQUIRED (1) <input checked="" type="checkbox"/> Exploration/Reclamation <input type="checkbox"/> Mining/Reclamation <input type="checkbox"/> Hardrock Exploration/Reclamat		Surface estate of mineral properties: *REQUIRED (2) <input type="checkbox"/> Access Equipment <input type="checkbox"/> Suction Dredge <input type="checkbox"/> Reclamation <input type="checkbox"/> State (General) <input type="checkbox"/> Private (Patented) <input type="checkbox"/> Private (Native Corp.)	
<input checked="" type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal <input type="checkbox"/> City or Borough			
Mineral Property Owners: *REQUIRED (3) Individual Contact Name and Company Name Alaska Mental Health Trust Authority/ Trust Land Office Contact: Karsten Eden, Chief Geologist or Hollie Chalup, Resource Manager	Lessee: *if applicable Individual Contact Name and Company Name	Operator: *REQUIRED (5) Individual Contact Name and Company Name	
Mailing Address for official correspondence: *REQUIRED Trust Land Office 2600 Cordova Street, Suite 201 Anchorage, AK 99503	Mailing Address for official correspondence:	Mailing Address for official correspondence: *REQUIRED	
Summer phone# (Primary): *REQUIRED <u>907-269-8657</u>	Summer phone# (Primary):	Summer phone# (Primary): *REQUIRED	
Summer phone# (Secondary): <u>907-269-8657</u>	Summer phone# (Secondary):	Summer phone# (Secondary):	
Winter phone# (Primary): *REQUIRED <u>907-269-8657</u>	Winter phone# (Primary):	Winter phone# (Primary): *REQUIRED	
Winter phone# (Secondary): <u>907-269-8657</u>	Winter phone# (Secondary):	Winter phone# (Secondary):	
Cell/Satellite:	Cell/Satellite:	Cell/Satellite:	
FAX: <u>907-269-8905</u>	FAX:	FAX:	
E-mail: <u>hollie.chalup@alaska.gov</u>	E-mail:	E-mail:	
Alaska Business/Corporation Entity #: Registered Agent (Corp./LLC/LP):	Alaska Business/Corporation Entity #: Registered Agent (Corp./LLC/LP):	Alaska Business/Corporation Entity #: Registered Agent (Corp./LLC/LP):	
Project Name If Applicable: (6) <u>Icy Cape Gold & Industrial Heavy Minerals</u>	Average Number of Workers: *REQUIRED (7) <u>6 to 12</u>	Start-Up/Shut Down: (Month/Day) (8) <u>April 1</u> to <u>Nov 30</u>	
Mining District: *REQUIRED (9) <u>Yakataga Mining District</u>	Applicable USGS Map: *REQUIRED (10) <u>Bering Glacier A2, A3, A4; Icy Bay D2, D3</u>	On What Stream Is This Activity? (11) <u>No exploration in streams</u>	
Legal Description of mineral properties to be worked (MTRS) *REQUIRED (12) Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21 See Appendix 1			
Internal Use Only: Date Application Received Complete: <u>2-9-22</u> Adjudicator: <u>Sackinger</u> LAS Entry: <u>2-9-22</u> CID(s): <u>48063</u> CID(s): _____ CID(s): _____			

APMA 3215 Active Area



MV_MHT

Source: Alaska Department of Natural Resources, Information Resource Management

Case ID	Case Status Label	Case Type Description	Customer Name	Land Status Description	Special Code Description
QCD 8000002	CONVEYED	Mental Health Trust Land (921)	Dnr Mental Health Trust Authority	Qcd-Land/Mineral (QA)	CRM-001-006,007A

END OF REPORT

Report Information

Source ID
Source Name
Source Description
Run Date and Time
Record Count

SQL Statement

Legal Description: CM T22S R19E Sec 1-5 & 11-12, CM T22SR20E Sec 1-6 & 7-14, CM T22SR21 Sec 5-10,13-18, 20-28, 25-26, CMT22SR22E Sec 4-6, 8-9, 15-36 (portions)

SEE APPENDIX 1 FOR LEGAL DESCRIPTIONS MINERAL PROPERTIES LIST (13)

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.	MHT	CRM-001	7.	MHT	CRM-007A
2.	MHT	CRM-002	8.		
3.	MHT	CRM-003	9.		
4.	MHT	CRM-004	10.		
5.	MHT	CRM-005	11.		
6.	MHT	CRM-006	12.		

INVENTORY OF EQUIPMENT (14)

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.	Pick Up Trucks	3	<input checked="" type="checkbox"/>	
2.	ATVs	4	<input checked="" type="checkbox"/>	
3.	Track mounted sonic drill rig (LS600 or similar)	1		<input checked="" type="checkbox"/>
4.	Track mounted drill-rod and water carrier (Nodwell/Marooka type)	1		<input checked="" type="checkbox"/>
5.	Cat C4 Bulldozer or Equivalent	1		<input checked="" type="checkbox"/>
6.	Mobile Fuel Truck	1		<input checked="" type="checkbox"/>
7.	Komatsu PC 50 excavator, Cat 330-B Excavator, Volvo A25-C DT	1 each	<input checked="" type="checkbox"/>	
8.	John Deere 770B-H road grader, Kenworth with lowboy trailer	1 each	<input checked="" type="checkbox"/>	

SEE SECTION 3 FOR ACCESS MAPS ACCESS OUTSIDE OF CLAIM BLOCK (15)

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

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

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

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

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

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

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

If the RS 2477 ROW has a State of Alaska RST number, please list: RST 288

ACCESS OUTSIDE OF CLAIM BLOCK, CONTINUED

Indicate type(s) of existing access:

- All Season Road: _____.
- Summer Cross Country Travel off of claim block that is not considered Generally Allowed Uses (Complete Box 16)
- Airstrip
- River
- Winter Cross Country Travel that is not generally allowed use (Complete Box 16)

Indicate type(s) of access to be constructed:

- Access Road
- Airstrip

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

NO CROSS COUNTRY TRAVEL PROPOSED

CROSS COUNTRY TRAVEL

(16)

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

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

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

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

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

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

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

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

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

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

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

CROSS COUNTRY TRAVEL, CONTINUED

Are you transporting fuel? Yes No

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

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

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:

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

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:

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

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

PETROLEUM PRODUCTS AT PROJECT SITE

(17)

Will Petroleum Products Be Stored on the Project Site?

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

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

BLM Operators are required to fill out the BLM-Spill contingency plan that can be downloaded at:

<https://www.blm.gov/node/5393>

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.

SEE APPENDIX 2 FOR SPCC PLAN

Indicate Distance Stored From Flowing Waters:

water bodies required by DNR is 100 feet). 600 Feet. (Minimum distance from naturally occurring

Is waste oil stored on the project site? Yes No If yes, describe quantity and storage modality: 55 gal drum/season

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

TEMPORARY STRUCTURES/FACILITIES

(18)

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

If No, Please explain: All structures are on MHT lands and do not require an 11 AAC 86, 96, or 97 authorization

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

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

If camp is on private land, provide location: Icy Cape Mental Health Trust Lands

Proposed Perimeter Dimensions of Camp: 300 length (ft) 300 Width (feet).

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

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

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

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

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed						
Tent						
Trailer						
Platforms						
Out-Buildings						
Other:						

** If Required, list any other structures on a seperate sheet, include dimensions, use and type.*

SEE APPENDIX 5 AND 6 FOR SOLID WASTE PERMIT AND SEPTIC APPROVAL

Grey water and Biological Waste - Describe storage and proposed method of disposal(e.g.; leach line, septic, holding tank, or pit privy):

Grey water and biological waste will be disposed of by in-ground septic.

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

General mine camp waste including garbage, scrap, ect. will either be incinerated and/or placed within the active cell of _____ a class III landfill already authorized by DEC.

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: 500 feet

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

Dismantle, Removal, and Restoration Plan: Provide a plan for dismantling and removing temporary structures.

Include the method and timeline for restoration of all stucture location areas. **Be sure to include this in your narrative as part of your reclamation, See Section 31.**

NOT APPLICABLE

MINING METHOD

(19)

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

Estimated cubic yards processed annually: _____

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

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

	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

EXPLORATION TRENCHING and DRILLING

(20)

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

Trenching: Yes No

Estimated number of trenches to be excavated: 10 . How long will trenches be open? One Week

Average Size: Length: 500 Feet Width: 8 Feet Depth: 10 Feet

Drilling: Yes No

Total Number of Holes To Be Drilled: 300 Type of Drill(s) Used: LS600 Sonic or Similar

Estimated Maximum Depth: 200 Feet Diameter of Drill Rod/Casing Rod 6.8" (NQ/HQ/H, Etc.).

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

Water source name(s): Ponds in old gravel pits

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)
CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL

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

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.

DAMS

(22)

No dam required Existing To be constructed

Proposed Structure: Temporary Permanent

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

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

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

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

IN-STREAM ACTIVITIES and STREAM CROSSINGS SEE APPENDIX 3 FOR FISH HABITAT PERMITS

(23)

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

Lowboy, bulldozer, excavator, pick up trucks, ATVs, drill-rig and rod carrier. Stream Crossings only, No in-stream work.

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.	Priest River	59.96841N	141.6743W	C022S022E33NW	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Big Sandy Creek	59.99403N	141.76072W	C022S021E24SW	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Little River	59.99691N	141.82388W	C022S021E21NE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Camp Creek	59.96772N	141.64001W	C022S022E34NW	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 (DNR template available at <http://dnr.alaska.gov/mlw/forms/?tab=mining>).

WATER USE AUTHORIZATIONS

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

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

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

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

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

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

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

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

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

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

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

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

B. RECYCLE/SETTLING POND SYSTEM.

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

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

How many ponds are used in the recycle system? _____

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

C. RECYCLE/SETTLING POND SYSTEM (continued).

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

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

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

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

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

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

D. CAMP WATER USE.

Is camp water used? Yes No

Maximum number of persons present in camp at a time 24

Camp water source: Well Haul Stream Spring Lake

Name of water source (if any): GW in pond/cut (old gravel pit) and Camp Creek .

Camp pump intake diameter: 2" Camp pump rate: 160 gpm <1 hrs/day

E. EXPLORATION ACTIVITIES.

Is water required for exploration activities? Yes No

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

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

Estimated hours per day that pump(s) will be used, return line size (in inches), operating pump rate (in gallons per minute), and water usage days per month: Pump #1: <1 hrs/day 2 inches 160 gpm 10 days/month

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

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

F. SUCTION DREDGING.

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

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 If yes, continue:

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

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

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

NOT APPLICABLE

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 <http://alaska.gov/go/2MPF>.

Previously issued DEC-APDES Wastewater discharge permit #: _____

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

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

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

Approximate coordinates of mine site:

Latitude: _____ Longitude: _____

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

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

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

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

If a mixing zone is requested, provide the following:

Coordinates of discharge location: Latitude: _____ Longitude: _____

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

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

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

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

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

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

Signature of Responsible Party: _____

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

Business Name (if applicable) - Printed: _____

SECTION 404 WETLANDS PERMIT

JURISDICTIONAL DETERMINATION (CORPS JD) and MITIGATION STATEMENT

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

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

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

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

Note:

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

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

Latitude: 59.96793N Longitude: - 141.63968W

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

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

Certification Statement

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

Operator or Agent:

Hollie Chalup

Print Name

DocuSigned by:
Hollie Chalup
9A501523AA95436...

Signature

11/10/2021

Date

STREAM DIVERSION

(28)

A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED: Plan Map of Operation included in the APMA should show the entire length of the diversion (i.e. where the water is diverted from the natural stream channel to where it returns to the natural stream channel) with start and end locations clearly marked.

Please note: If you have a stream diversion structure; this structure may also qualify as a dam and be subject to the Alaska Department of Natural Resources Dam Safety Program per definitions provided in AS 46.17.900(3). Complete Section 22 (regarding a Dam) of this APMA. If you require further regulatory guidance regarding dams, please contact our Dam Safety and Construction Unit, Dam Safety Engineer at telephone number 907-269-8636 or for more information go to the Alaska Dam Safety Program website at: <http://dnr.alaska.gov/mlw/water/dams/>

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

Stream Name: _____

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

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

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

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

Annually reclaimed/returned to natural stream Maintained throughout mine life

Dimensions of existing stream in diversion area:

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

Dimensions of proposed diversion:

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

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

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

(Please provide plan and profile diagrams of diversion in Section 29, PLAN MAP OF OPERATION) or attach additional sheets as necessary

PLAN MAP OF OPERATION *REQUIRED

(29)

VICINITY MAP

SEE SECTION 4 OF PLAN FOR MAPS

Date Prepared:	Applicant Name:
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP:	
Sec.(s) _____ Township _____, Range _____, Meridian _____	
Scale: 1" = _____	ADLs:
SHEET OF _____	APMA # _____

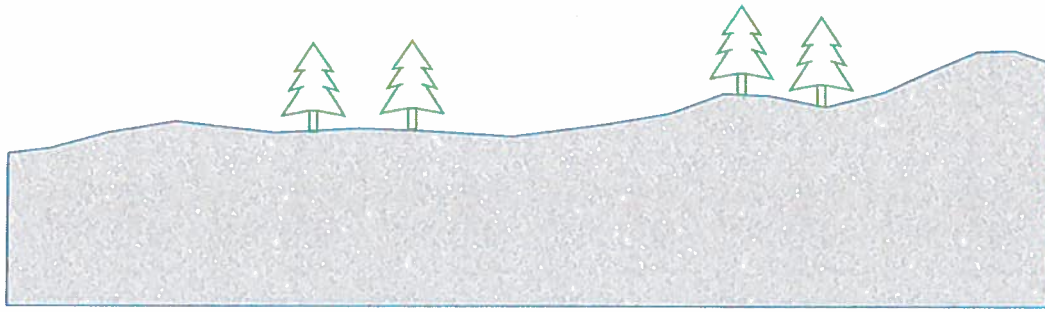
(Attach additional sheets, along with detailed explanations as necessary)

CROSS SECTION SKETCH *REQUIRED

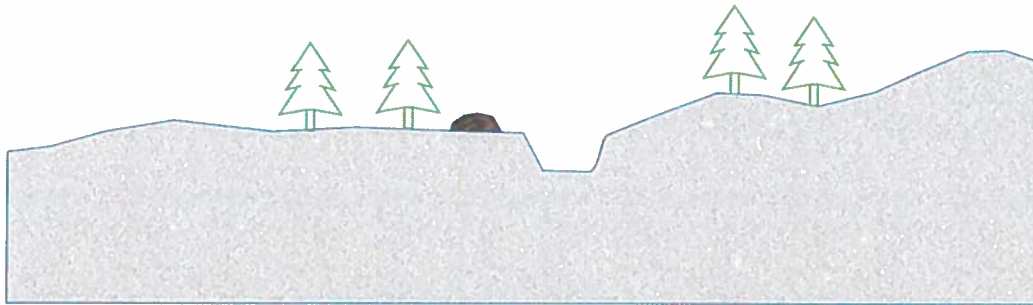
(30)

TYPICAL TRENCH:

BEFORE ACTIVITY

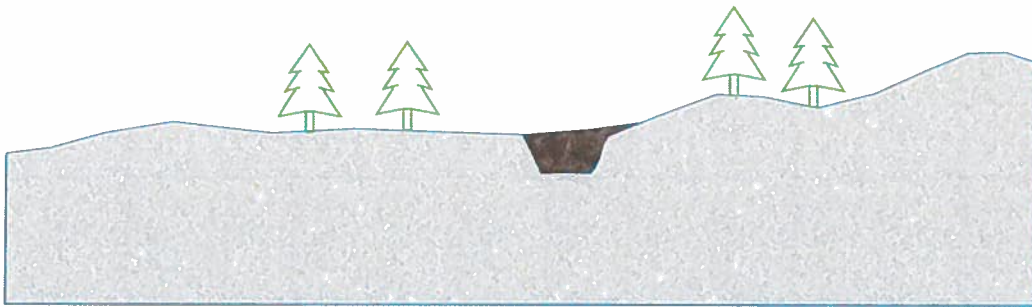


DURING ACTIVITY



Excavated material will be stockpiled on the downslope side of trench. Trench bank will be at least 1:1 or greater depending on soil type encountered. A ramped exit will be constructed to prevent wildlife entrapment.

AFTER ACTIVITY



Excavated material will be replaced in the trench after sampling and the ground surface will be contoured to match with surrounding topography. Organics will be spread to promote vegetative growth and minimize erosion.

Date Prepared:	Applicant Name: TLO
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP: Trench Cross Section	
Sec.(s) _____ Township _____, Range _____, Meridian _____	
Scale: 1" = _____	ADLs: See Appendix 1
SHEET OF	APMA # J20223215

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:

All access occurs via the existing airstrip or via landing craft to the existing Log Transfer Facility. Existing access routes are utilized across the project site (SEE SEC. 3). All personnel are housed in the existing TLO field camp facility. The camp facility is comprised of sleeping quarters, a mess hall, sanitary facilities and a wash station. SEE APPENDIX 4-6 FOR DEC PERMITS.

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

Sonic exploration drilling will be conducted over the life of the permit to define and delineate the project. Trenching and test sampling may occur as warranted. No mining activities are proposed during the permit term. See below for details on reclamation measures.

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

Sonic drill holes will be reclaimed to meet AS 27.19 requirements by backfilling, natural downhole collapse or by installing a bentonite slurry hole plug. Drill sites will be reclaimed post-drilling by spreading organic matter in a manner which promotes natural revegetation within a reasonable time period, generally between one and three seasons. Exploration trenches will be backfilled, contoured and revegetated after sample processing, but no later than end of season. Trenches will be adequately marked and ramped to prevent wildlife entrapment.

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

Water will be hauled from Camp Creek to the Camp facilities and from the Priest River for sample process water. Max daily camp use is anticipated to be 1,200 gallons per day. Sample process water use will be a maximum of 5,000 gallons per day with no recycle system or 2,000 gallons with recycle.

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

Double-walled fuel storage is housed in a bermed and lined containment at the airstrip facility. Fuel transfer occurs within the area of containment. Spill kits are available at the tank and a spill response plan has been developed. Individuals transferring fuel will be trained on proper fuel handling and response protocols.

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

The proposed operation is low impact, both surface and subsurface and is not anticipated to disrupt the natural landscape visually. Some drill operation noise will be present and will be mitigated at the recommendation of ADFG. Fish mitigation is coordinated with ADFG (see APPENDIX 3 for FHP permits). Any cultural resources encountered at the project site will be reported and handled pursuant to state law.

2022-2026 Permits

Icy Cape Gold and Industrial Heavy Minerals Project



Prepared by:

The Trust Land Office
2600 Cordova Street, Suite 201
Anchorage, Alaska 99503

On behalf of:

Alaska Mental Health Trust Authority

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1. Project Summary

The Alaska Mental Health Trust Authority (Trust) through the Alaska Mental Health Trust Land Office (TLO) plans to conduct placer resource definition drilling for gold and industrial heavy minerals at its' wholly owned Icy Cape property during a five-year authorization term from 2022 to 2026. The property is located on the coast of the Gulf of Alaska near Icy Bay, approximately 75 miles northwest of the community of Yakutat and is host to significant defined prospects for gold, industrial heavy minerals and platinum group metals.

The exploration program will operate from an existing camp located on Alaska Mental Health Trust Lands. Exploration will consist of drilling target areas for placer deposits determined by the interpretation of a high-resolution magnetic survey and geologic exploration data.

Access to the project site is bimodal with primary access by air via an existing 4,000-foot airstrip located on Trust lands. Cargo and equipment are shipped to site via boat, barge or landing craft to an existing log transfer facility located east of the land block on the western shore of Icy Bay. Transport from the airstrip, log transfer facility and across the project area is conducted via existing all-season roads and existing drill access roads constructed on Trust lands. There area is closed to public access. No fishing, hunting or recreational activities are allowed within the project area.

The scope of work proposed during the authorization term consists of placer drilling and exploration. Drilling will be conducted utilizing a track-mounted sonic drill rig (LS600 or similar) and may include rotary drilling as stratigraphy demands.

2. Exploration Narrative

2.1 Location

The Icy Cape Gold and Industrial Heavy Minerals Project is located in the Yakataga Mining District and is entirely situated on Alaska Mental Health Trust lands. The area is located in the Gulf of Alaska west of Icy Bay. Trust parcels are shown in Section 3: Maps and are listed in Appendix 1 attached.

2.2 Access

Access to the property is by chartered aircraft or by barge. The property has an existing gravel airstrip located on Trust lands approximately 4,000 feet in length, 55 feet wide and an elevation of 50 feet. The existing main access road runs through the property from Icy Bay at the east to the White River at the west. Access is currently limited to riverbed crossings beyond the Little River due to the current lack of bridges past this point.

Landing craft can be used to load and un-load equipment and cargo at the Log Transfer Facility (LTF) located immediately adjacent to the east of the project site. The land block offers a network of old logging roads that all lead to the main road. Over the next decade, logging will occur on the property which will allow synergy with mineral resource exploration and lead to the construction of new logging roads.

During the summer operations, smaller items and food supplies will be flown to camp regularly. Heavier cargo such as vehicles, drill rigs and heavy equipment will have to be brought onsite via landing craft/barge and off-loaded at the LTF. From the LTF, cargo will be trailered and transported to camp on the main access road. There is currently a bridge in place at Carson Creek.

Access to drill sites will occur on existing drill access trails which spur off of the main road. In the future, the Trust may install or repair necessary access to expand the project area.

2.3 Exploration Drilling

Sonic drilling will use a track mounted LS600 drill rig or similar. Drilling will occur along the main access road and existing exploration access trails. Drill pads, if necessary, will be built with a small bulldozer, excavator or similar equipment. Stockpiling of organics for purposes of reclamation will be conducted and caution will be taken to assure minimal disturbance. Rotary drilling may also be conducted during the authorization term. The sonic drilling method does not require water or drilling additives.

Drill holes will be plugged by backfilling or plugging in accordance to AS 27.19 requirements. Materials that may be used for drill hole plugging consist of sand and gravel and bentonite chips as necessary. Average drill depth is anticipated to be less than 150 feet. The drill hole diameter will range between 6-8" depending on necessity.

2.4 Sample Processing

Sample processing will occur in two existing sample process facilities located adjacent to the camp location (See Shop label on Map 4, p.27). Water will be required for sample processing and will be acquired from the Priest River and nearby surface ponds adjacent to the airstrip. Approximately 2,000-5,000 gallons of water will be required per day for sample processing. The quantity of water used per day will be dependent on the ability to recycle process water. If recycling is not an option, the max use would be 5,000 per day.

2.5 Camp

The personnel camp and existing sample processing facilities will be utilized to support the project. The personnel camp has functioning sanitary facilities including bathrooms, showers and laundry. A greywater and septic system is installed and approved by DEC (See Appendix 5). Solid waste and trash will be incinerated on site and non-burnable debris will be backhauled either to Yakutat or Ketchikan for disposal at an approved facility. The Statewide General

Solid Waste Permit can be found in Appendix 6. Camp water, including water supply to the kitchen and dishwashing station, will be obtained from Camp Creek. The pump will be fitted with a screened intake to prevent fish entrapment. Bag filters are installed and the system will be disinfected annually as per DEC instructions.

2.6 Fuel

Fuel at the project site will be stored in a mobile fuel truck (8,000 gallons) and 50-gallon drums. Fuel containment berms will be constructed around the storage containers and the fuel truck parking. The bermed area will be lined. Maximum fuel storage will not exceed 10,000 gallons. A Self-Certified Spill Prevention, Control and Countermeasure Plan (SPCC) will be implemented, reviewed and updated annually as necessary. Stationary tanks will be stored at the airport fuel transfer station. A spill kit will be present at all fuel storage locations.

2.7 Reclamation

A total of one acre of drill pad construction is anticipated. Ground disturbance will be reclaimed at the end of the exploration program. Reclamation will be completed to standards of AS 27.19 by contouring the surrounding area and preventing erosion and undue degradation.

The exploration drill holes are primarily self-reclaiming; however, drill contractors will backfill the drill hole with available material or supplement closure by installation of a bentonite hole plug as may be required.

The project does not currently have trenching activity planned but would like to reserve the ability to do so within the authorization term. Trenches will be backfilled after sample processing and contoured to the surrounding topography to support and promote natural revegetation within a reasonable timeframe and to prevent erosion and undue degradation.

Storm water discharges and erosion will be mitigated by retention of the root mat wherever possible. Water bars will be constructed and maintained as necessary to control runoff and allow the water to percolate into the sandy overburden.

3. APMA Application

5. Photos



FIGURE 4.1 CAMP LOCATION



FIGURE 4.2. REPRESENTATIVE HORIZON. TOPSOIL LAYER IS SEVERAL INCHES THICK FOLLOWED BY COARSE GRAINED COBBLY SANDS WITH INTERBEDDED FINER GRAINED BEACH SANDS TYPICAL OF A NEARSHORE MARINE ENVIRONMENT.



FIGURE 4.3 EXAMPLE OF DRILL PAD SITE PREP. ORGANICS WILL BE STOCKPILED FOR RECLAMATION POST DRILLING. EROSION AND UNDUE DEGRADATION WILL BE MITIGATED WITH ACTIVE SITE MANAGEMENT

APPENDIX 1: Legal Description

The project area includes all portions of MHT parcels CRM-0001, CRM-0002, CRM-0003, CRM-0004, CRM-0005, CRM-0006 and CRM-0007A. The parcels are located within the following legal descriptions:

C022S019E Sections 1-5 and 11-12; C022S020E Sections 1-6 and 7-14; C022S021E S1/2 Section 5, S1/2 Section 6, S1/2 Section 10, Sections 7-9, 13-18, 20-28, and 35-36; C022S022E Section 4-6, SE1/4 Section 8, SW1/4 Section 9, SW1/4 Section 15, Sections 16-18, 19-24, and 25-36.

4. Maps

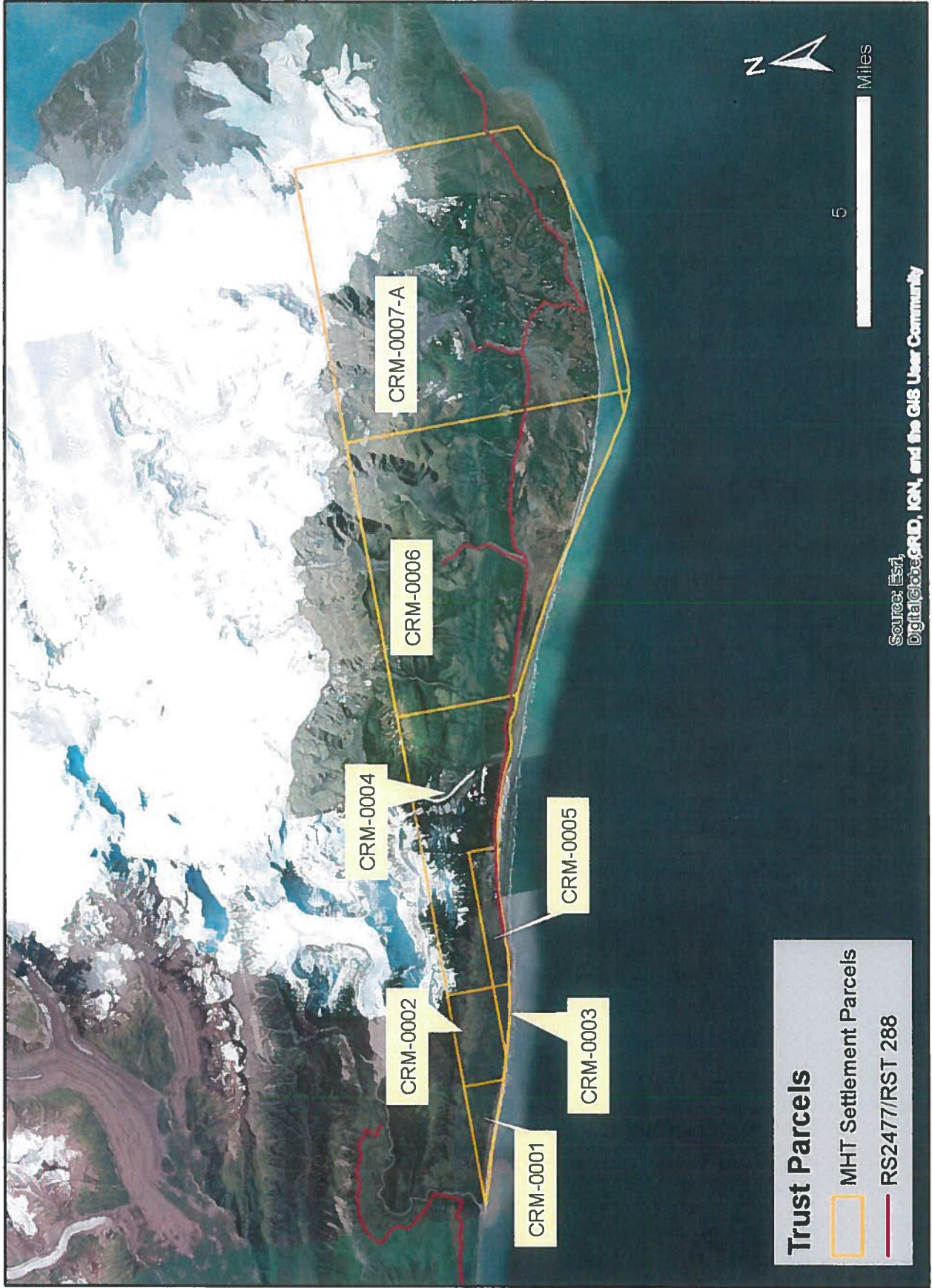
SEE ATTACHED

MAP 1



Source: Esri,
DigitalGlobe, GeoEye, IGN, and the GIS User Community

MAP 2



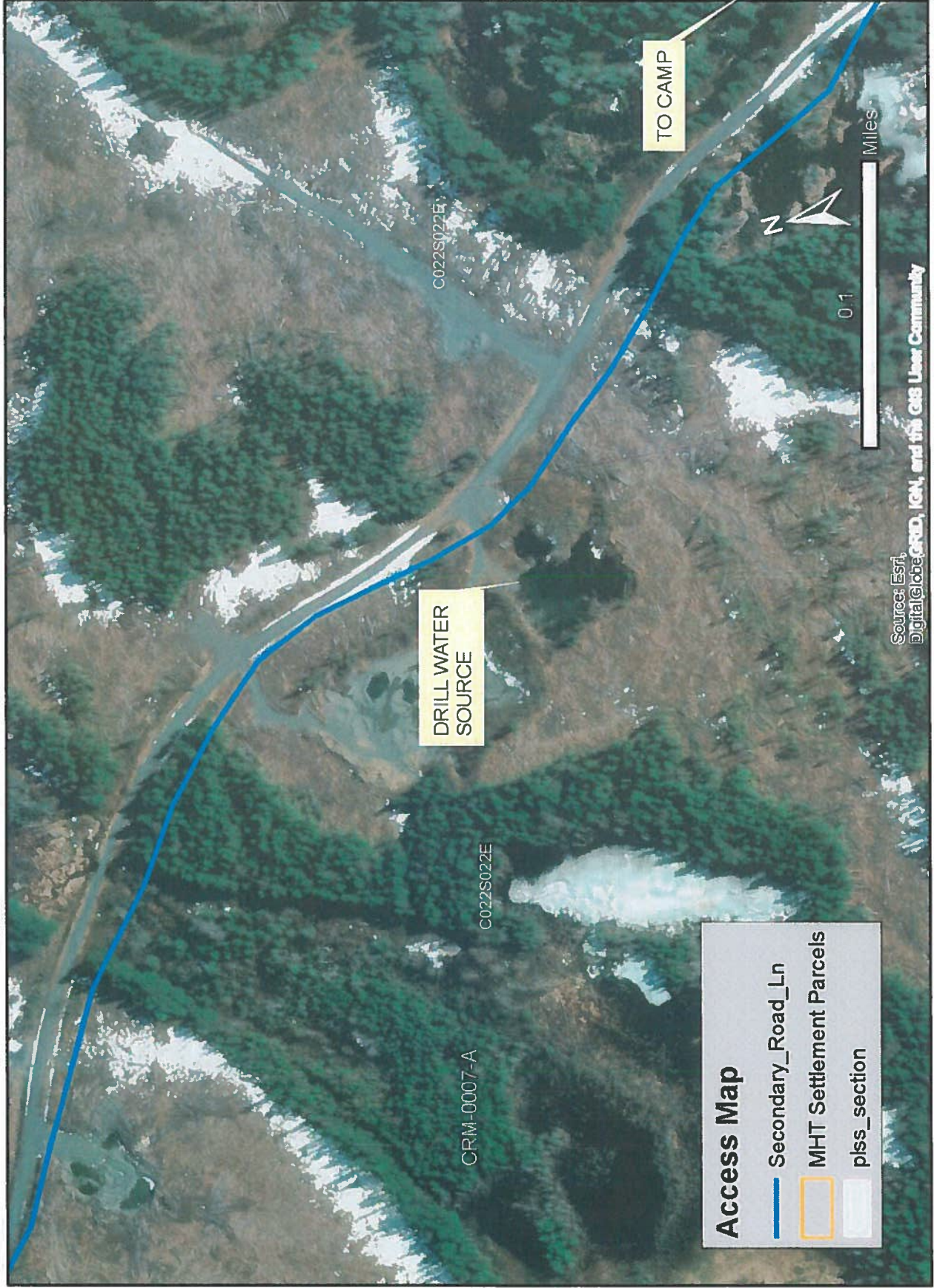
MAP 3



MAP 4



MAP 5





CPM-006

Years 3-5

Years 1-2

CPM-007-A

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # 3215

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

In accordance with AS 27.19 (Reclamation Act):

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

Volume of material disturbed in 2021: 0 cubic yards (Includes strippings and processed material.)

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

Total acreage disturbed in 2021: State 0, Federal _____, Private _____. (Includes stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary stream diversions, stream bypasses, and settling ponds.) Federal operators should include area of camp and access roads.

Length _____ feet and Width _____ feet of stream diversion.

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

Total Area reclaimed in 2021: 0 acres.

Total un-reclaimed acres: 0 (This should match "total acreage currently disturbed" on the 2022 Reclamation Plan Form.)

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

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

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

Other Reclamation Measures Taken:

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

Relationship to Claim(s)

- Owner Lessee Operator
- Agent For: _____

Signed Hollie Chalup Date 11/10/2021

DocuSigned by:
0A501523AA05436

2022 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 (33) (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 acres. This should match: "Total Unreclaimed Acres" on your 2021 Annual Reclamation Statement for Small Mines, or line #7 on your 2021 Bond Pool Renewal Form. Disturbed ground includes all unreclaimed mining and exploration activity (excluding camps and roads) since October 1991. Federal operators must include areas of camps and roads.

New acres to be disturbed in 2022 1 acres. Total acreage (currently disturbed plus new acres): 1 acres.

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

Total acreage to be reclaimed in 2022: 1 acres; Total volume of material to be disturbed in 2022: 4840 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.)

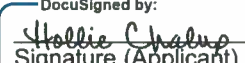
- Topsoil, vegetation, and overburden muck, not promptly redistributed to an area being reclaimed, will be individually separated and stockpiled for future use. This material will be protected from erosion and from contamination by acidic or toxic materials and will not be buried by tailings.
- The area 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.

Hollie Chalup Printed name (Applicant)	Relationship to Mineral Property: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: <u> 11/10/2021 </u> APMA #: <u> 3215 </u>
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DocuSigned by:

 Signature (Applicant)
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