

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

F209631
~~F/2018/001 9831~~

Single Year Multi-year - Start: 2019 Finish: 2023 APMA (District/Year/Number):

What type activity are you planning to perform? (1) <input type="checkbox"/> Exploration/Reclamation <input type="checkbox"/> Access Equipment <input type="checkbox"/> Mining/Reclamation <input type="checkbox"/> Suction Dredge <input checked="" type="checkbox"/> Hardrock Exploration/Reclamat <input type="checkbox"/> Reclamation		Surface estate of mineral properties: (2) <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Private (Patented) <input type="checkbox"/> Federal <input type="checkbox"/> Private (Native Corp.) <input type="checkbox"/> City or Borough	
Mineral Property Owners: (3) Company name and contact name if applicable Piek Incorporated Joe Piekenbrock	Lessee: (4) Company name and contact name if applicable	Operator: (5) Company name and contact name if applicable Western Alaska Copper & Gold Kit Marrs	
Mailing Address for official correspondence: 7853 Red Fox Drive Evergreen, CO 80439	Mailing Address for official correspondence:	Mailing Address for official correspondence: Western Alaska Copper & Gold 3573 E Sunrise Dr., Suite 233 Tucson, AZ 85718	
Home phone# (winter): (303) 886-0696	Home phone# (winter):	Home phone# (winter): 520-237-1475	
Work phone# (winter): (303) 886-0696	Work phone# (winter):	Work phone# (winter): 520-237-1475	
Home phone# (summer): (303) 886-0696	Home phone# (summer):	Home phone# (summer): 520-237-1475	
Work phone# (summer): (303) 886-0696	Work phone# (summer):	Work phone# (summer): 520-299-9101	
Cell/Satellite: (303) 886-0696	Cell/Satellite:	Cell/Satellite: 520-237-1475	
FAX: N/A	FAX:	FAX:	
E-mail: joepiekenbrock@gmail.com	E-mail:	E-mail: kitmarrs@mac.com	
Winter contact effective dates 10-1 to 4-30 Summer contact effective dates 4-30 to 10-1	Winter contact effective dates _____ to _____ Summer contact effective dates _____ to _____	Winter contact effective dates 11-1 to 4-30 Summer contact effective dates 4-30 to 11-1	
Project Name If Applicable: (6) Illinois Creek	# of Workers: (7) 12-15	Start-Up/Shut Down: (Month/Day) (8) 5-1 to 10-1	
Mining District: (9) Kaiyuh	Applicable USGS Map: (10) Nulato A-4	On What Stream Is This Activity? (11) N/A	
Legal Description of mineral properties to be worked and other projected related activities (MTRS): (12) Kateel River Meridian, T17S, R4E, Sections 11, 12, 13, 14; T17S R5E Sections 2, 3, 4, 5, 7-11, 15-16; T16S R5E Sections 25, 26, 34, 35, 36			
Internal Use Only: Date Application Received Complete: <u>MAY 31 2019</u> Adjudicator: LAS Entry: _____			

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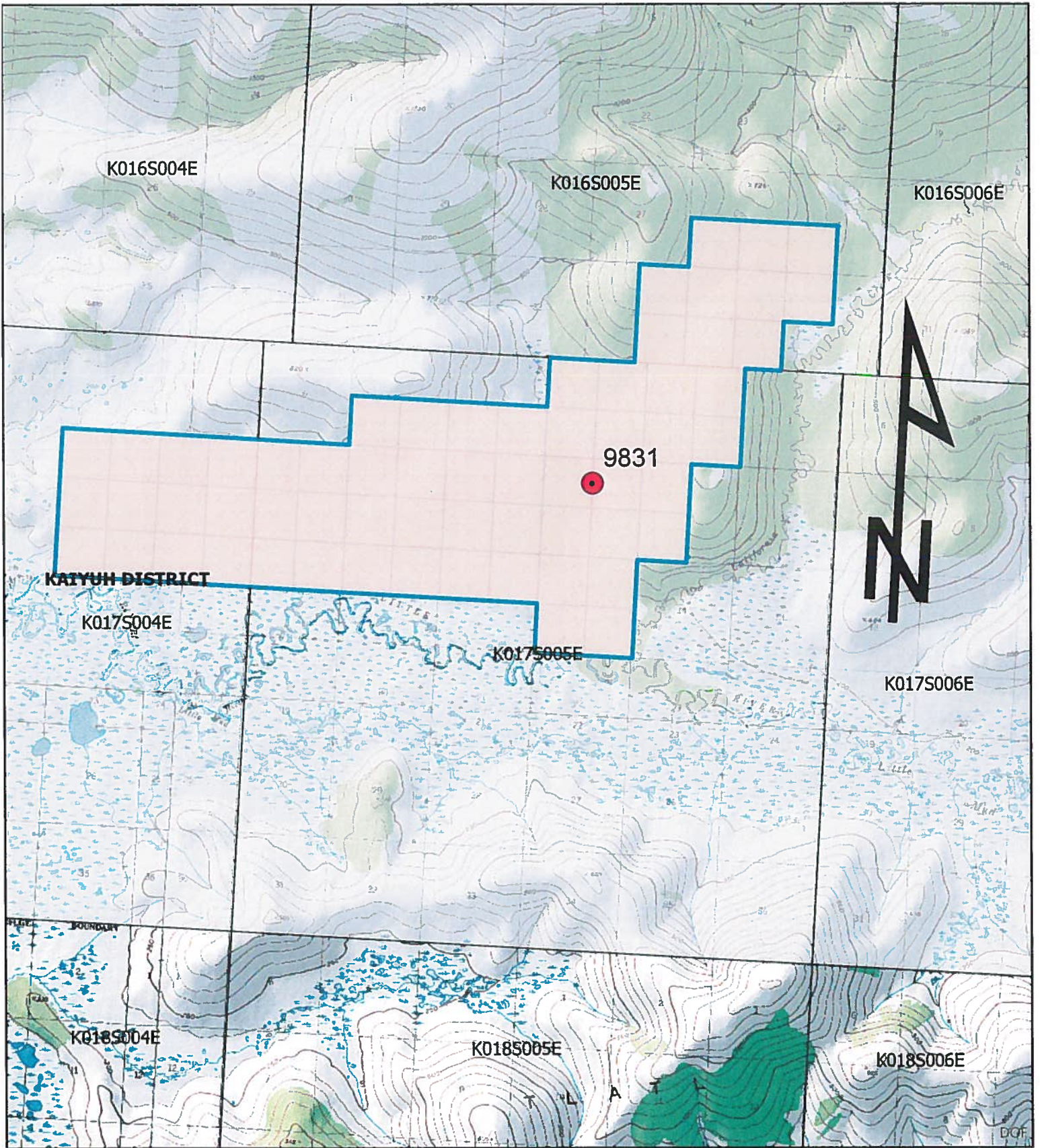
PAID

CID: 58958

CID: _____

CID: 51884

APMA 9831 Claims



0 0.45 0.9 1.8 2.7 3.6 Miles

Center: 157°53'26"W 64°19'N

1/16/2020 10:08 AM

2019 ANNUAL RECLAMATION STATEMENT

(32)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA #: 9831

Complete and return this statement by December 31, 2019. If you did not operate, fill in name, check bottom box, sign and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Christopher Marrs hereby file an annual reclamation statement for the 2019 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 2019: 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 2019: 0.0 acres. (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.

No Diversion

Stream diversion: Temporary Permanent (check one).

Total area reclaimed in 2019: 0.0 acres.

Total un-reclaimed acres: 0.0 acres (This should match "total acreage currently disturbed" on the 2019 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:

Three drill sites were occupied in 2019. No excavation occurred at the drill sites. Timber cribbing was used to support the low ground pressure tracked drill rig. Daily drill and crew support was by helicopter. All equipment was removed after completion of drilling.

did not operate in 2019 and therefore did not conduct reclamation.

Relationship to Claim(s)
 Owner Lessee Operator
 Agent For

Christopher Marrs

12/27/2019

Signed

Date

Western Alaska Copper & Gold

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2018	Drill Site #	Latitude	UTM Longitude (- ddd.mmmm)	UTM Y	Datum (NAD83)	Associated APMA	Mining Claim ADL, BLM # or USMS	Fuel Storage (OnSite/OffSite)	Tundra Mat	Trash Containment	Sanitary Facilities	Drill Additives	Artesian Zone
		UTM-X	UTM-Y										
	RT-18-022 ext	571020	7116812	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-023	571005	7116389	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-024	571005	7116389	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-025	570706	7117176	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-026	570701	7116819	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-027	569893	7116801	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-028	569711	7116928	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-029	568645	7118845	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-030	568609	7117799	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-031	571022	7116815	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-032	571023	7116588	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-18-033	570966	7116204	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No

2019	Drill Site #	Latitude	Longitude (- ddd.mmmm)	UTM Y	Datum (NAD83)	Associated APMA	Mining Claim ADL, BLM # or USMS	Fuel Storage (OnSite/OffSite)	Tundra Mat	Trash Containment	Sanitary Facilities	Drill Additives	Artesian Zone
		UTM-X	UTM-Y										
	RT-19-034	571220	7,116,194	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-19-035	571,482	7,116,679	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-19-036	571,425	7116693	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-19-037	571,117	7,116,686	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-19-038	571,117	7,116,684	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-19-039	571,148	7,116,508	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No
	RT-19-040	570,799	7,116,709	UTM4 NAD83	#2444			OffSite	No	Off Site	Off site	Yes	No

2019	Drill Site #	Latitude	Longitude (- ddd.mmmm)	UTM Y	Datum (NAD83)	Associated APMA	Mining Claim ADL, BLM # or USMS	Fuel Storage (OnSite/OffSite)	Tundra Mat	Trash Containment	Sanitary Facilities	Drill Additives	Artesian Zone
		UTM-X	UTM-Y										
	IC-19-001	548,250	7,099,750	UTM4 NAD83	F2019-9381			OffSite	No	Off Site	Off site	Yes	No
	IC-19-002	548,250	7,100,200	UTM4 NAD83	F2019-9381			OffSite	No	Off Site	Off site	Yes	No
	IC-19-003	549,900	7,100,100	UTM4 NAD83	F2019-9381			OffSite	No	Off Site	Off site	Yes	No

Water Source #	UTM - X or Latitude (ddd.mmmm)	UTM - Y or Longitude (-ddd.mmmm)	Datum (NAD83)	Associated TWUP	Associated APMA	Mining Claim ADL, BLM # or USMS	Water Source Type	Intake Size	Mesh Size	Submerged	Start Date	Stop Date
1	570,910	7,116,050	NAD 83		F2016-2444	664186	Stream	3"	1/4"	Yes	6/19/2019	#####
2	548,350	7,099,750	NAD 83		F2019-9381	728242	Stream	3"	1/4"	Yes	7/12/2019	#####

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2020 RECLAMATION PLAN FORM (HARDROCK EXPLORATION)

<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: 0.0 acres. This should match: "Total Unreclaimed Acres" on your 2019 Annual Reclamation Statement for Small Mines, or line #7 on your 2020 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 2020 1.0 acres. Total acreage (currently disturbed plus new acres): 1.0 acres.

Acreage disturbed by land status: 1.0 State (general) 0 State (Mental Health) 0 Private 0 Federal

Total acreage to be reclaimed in 2020 1.0 acres; Total volume of material to be disturbed in 2020: 0 cubic yards.

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

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

THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:

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

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

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

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

BLM requires that a reclamation plan be consistent with 543 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 <http://www.blm.gov/ak/state/prog/minerals.html> for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.

Christopher Marrs Printed name (Applicant)  Signature (Applicant)	Relationship to Mineral Property: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____ Western Alaska Copper & Gold	Date: <u>12/27/19</u> APMA #: <u>9831</u>
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