



Crowley Fuels Alaska
CROWLEY.COM/ALASKA



November 2024 Volume 52, Number 11



THE ALASKA MINER

Journal of the Alaska Miners Association



**AMA Convention 2024:
Thank you, Miner Family!**



PRSRT STD
US Postage
PAID
Anchorage, AK
Permit #537

Alaska Miners Association
121 W Fireweed Ln. Ste. 120
Anchorage, Alaska 99503

STEP UP TO THE BEST IN CLASS...



ALL LINK-BELT
ROUGH TERRAIN CRANES ARE
TIER 4 FINAL

- Best load capacities
- Best attachment lengths
- Best transportability
- Best serviceability
- Best accessibility with flat deck
- Best distributor and factory support



RTC-8065
85 USt (80 mt)

75|RT
75 USt (70 mt)

85|RT
85 USt (80 mt)

100|RT
100 USt (90 mt)

120|RT
120 USt (110 mt)

RTC-80130
130 USt (120 mt)

RTC-80160
160 USt (145 mt)



Kirk Currey
Anchorage
Sales Representative



Construction Machinery Industrial, LLC
Anchorage, AK 99518
Toll Free: 1-800-478-3822

www.cmiak.com

Link-Belt
C R A N E S

Lexington, Kentucky | www.linkbelt.com

Dear AMA Members and Friends,

This is such an amazing season for us, filled with hard work, activities, and memories. There are the holidays to celebrate and time to be thankful for our many blessings. But first, there's the joy and satisfaction of another great Annual Convention in the books. And after, there's the reality that in a just a month, we will start another year in the never-ending adventure of Alaska mining!

First the thanks: I am incredibly thankful for the more than 1,300 miners and support companies who attended the convention, another new record! We're so appreciative for the 156 companies who exhibited at our sold-out trade show, an event so popular we got to add booths to the lobby! Our convention would not be possible if it weren't for the generous support from our vendors and sponsors. People wouldn't be interested in the event if we didn't have great speakers and presentations arranged by talented session chairs, fun events attended by fun people, and interactive experiences that we are all a part of.

Support of the AMA Convention not only helps us put on a fantastic event, but it is one of our largest fundraisers, meaning, support helps sustain our year-round mission. Our comments and testimony, Action Alerts, advocacy events like Alaska Mining Day, Alaska Night at Roundup, Juneau Mining Forum, and the dozens of presentations given throughout the year, our social media presence, and so on. Your generosity ensures we can advocate for Alaska's



Deantha did not win the rock fight!

mining industry, and we couldn't be more grateful.

If you attended, you know it's impossible to see and do and take in all of the biggest week in Alaska mining. There was so much to share from that incredible convention that there isn't room in this month's journal! So, watch for much more in the winter issue of The Alaska Miner magazine and the December issue of this journal.

Elsewhere in this Journal you'll see some of the highlights, including our 2024 AMA Rock Stars of Alaska's Mining Industry awardees.

Thankful is an understatement when it comes to our incredible convention committee and our amazing team of volunteers: Kevin Adler, Steve Teller, Sue Karl, Zoom Szumigala, Traci Hartz, Raesha Hartz, Vanessa Larimer, Bonnie Broman, Miles McDonald, Varina Zinno, Eric

Cannon, Doug Kriner, Wescott Bott, Dave Hedderly-Smith, Tom Bundtzen, Wendie MacNaughton and Lisa Cassino.

This talented group spends hours and hours planning, reviewing, arranging, and perfecting our amazing event. I know you are thankful for their efforts, too.

I also want to point out our contractors who annually join our team and understand the mining family: Christy Andresen with Logistics, Brian Bayless at IMIG, Joe and Debra from Alaska Event Services, Malia that does all of our graphic design, MAPTS for doing MSHA refreshers, PIP Printing — and so many more!

This time of year and always, I am so thankful for the AMA Staff. Jennifer, Carin and Darlene. They truly make AMA go and make the organization look good every day, and especially convention week.

We care about what you think! If you haven't done so already, please respond to our convention survey, to let us know what we can do better for 2025.

Again, thank you, from the bottom of my heart for your role in making our Convention a success, and your involvement in AMA all year long. I wish you and yours a Happy Thanksgiving and upcoming holidays, and look forward to celebrating with you soon and in 2025!

**Deantha Skibinski,
Executive Director**

The Alaska Miner is the official journal of the Alaska Miners Association, published eight times a year exclusively to our members. It is published in partnership with the Alaska Miners Association by Fireweed Strategies LLC, 4849 Potter Crest Circle, Anchorage, AK 99516.

We actively seek contributions from our members and the mining industry. Please email story ideas and photos to Lee Leschper.

Advertising Rates and New Tips

For advertising information, or to submit news, story ideas and photos, call or email Lee Leschper at 907-957-6025 or Lee.Leschper@FireweedStrategies.com

Alaska Miners Association Staff

Deantha Skibinski, Executive Director

Jennifer Luiten, Membership and Fundraising Director

Carin Currier, Projects & Communications Manager

Darlene Strickland, Bookkeeper/Membership

Executive Board

Loralie Simon, President

Blake Bogart, First Vice President

Houston Morris, Second Vice President

Kim Aasand, Treasurer

Follow us anytime:

Online at AlaskaMiners.org

Like us on Facebook at Alaska Miners Association

Follow us on Twitter @alaskaminers

Follow us on Instagram @alaska.miners

Branch Chairmen

Ted Hawley, Anchorage

Ethan Trickey, Denali

Dave Larimer, Fairbanks

Jan Hill, Haines

Jason Hart, Juneau

Houston Morris, Kenai

Ken Hughes, Nome

Robert Fithian, Ketchikan/Prince of Wales

Committee Chairmen

Kevin Adler, Convention

Mike Satre and JP Tangen, Federal Oversight

Blake Bogart and Dave Larimer, State Oversight

National Mining Association President Rich Nolan Visits Alaska



National Mining Association President Rich Nolan recently made his first trip to Alaska and was the keynote speaker for the Alaska State Chamber's Alaska Business Summit in October in Fairbanks. Rich and his wife, Heather, were able to spend time touring the Contango Ore Johnson Tract Project, Usibelli Coal Mine, Fort Knox and Fairbanks Creek Mine. Thank you to the AMA members and the Alaska Chamber for rolling out the red carpet for our NMA friends!





NYSE-A:CTGO

INFO@CONTANGOORE.COM

ALASKA'S NEXT GOLD MINES

**MANH
CHOH
MINE** **LUCKY
SHOT
MINE**

**FULLY FINANCED
FULLY PERMITTED** **HISTORICALLY PRODUCED
250K OUNCES**

**NOW MINING
AND STOCKPILING
ORE** **FULLY REFURBISHED
UNDERGROUND
FOR RESOURCE
EXPANSION**

CONTANGO ORE
GOLD SILVER COPPER

SCAN TO DISCOVER
CONTANGO ORE

WWW.CONTANGOORE.COM

NOVAGOLD
is committed
to responsible
mining.

FIND OUT MORE AT
NOVAGOLD.COM/SUSTAINABILITY



Simulations:
See what you need to
avoid operational
bottlenecks.

 **srk**.com





Only Pay for the Speed You Need... Dynamic Routing!

At Lynden, we understand that plans change but deadlines don't. That's why we proudly offer our exclusive Dynamic Routing system. Designed to work around your unique requirements, Dynamic Routing allows you to choose the mode of transportation – air, land, or sea – to control the speed of your deliveries so they arrive just as they are needed. With Lynden you only pay for the speed you need.



For more information, call us at **1-888-596-3361**
or visit our website at **lynden.com**.



RUEN **DRILLING** Incorporated

**PROUDLY PROVIDING ALASKA
with underground, surface and
helicopter supported core drilling for
mineral exploration and geotechnical work.**

800-322-3201 • office@ruendrilling.com
ruendrilling.com

ENERGY NETWORK TEST



WE'RE CREATING THE ALASKA-PROOF NETWORK YOUR SITES NEED.

Alaska's only redundant fiber network means your operations can be safe, smart and adaptive.
gci.com/business



Mining Communications:

- Iridium push to talk and satellite phones.
- VSAT for camp internet and phone service.
- Solar / battery back Mtn. Top Repeaters.
- Portable and mobile radios that integrate with the Mtn. Repeaters that provides a wide coverage area for safety and exploration communications.



114 E. Potter Dr., Unit #C Anchorage, AK 99518
 907.276.0023 | sales@arcticom.com | ARCTICOM.COM



MINING & GEOLOGICAL SERVICES



TALENT SEARCH

- Geology Contract Labor
- Mining Contract Labor
- Industrial Contract Labor
- Direct Hire



TECHNICAL SERVICES

- Sr Mining & Exploration Analysis
- Data Rooms
- Property Evaluation
- NI 43-101 Reports
- Vulcan, Leapfrog *and More!*



FIELD SERVICES

- Claim Staking
- Soil Sampling
- Annual Filing
- Cartography
- AML Hazard Fencing



TRUCK RENTALS

- Mine Site Ready
- Exploration
- Field Work

CALL 775.753.6605 FOR A FREE ESTIMATE ON YOUR NEXT PROJECT

WWW.RANGEFRONT.COM

THE ONLY REFINER AS BIG AS ALASKA



NO ASSAY FEES

NO MINIMUMS

SAME DAY PAYMENT

MAXIMUM RETURN



ALASKA MINERS
ASSOCIATION

**AMA EXCLUSIVE
SILVER CONTAINED
SCAN HERE**



469-522-1111

45+ Locations Nationwide

FAIRBANKS

1254 Queens Way,
Fairbanks, AK 99701

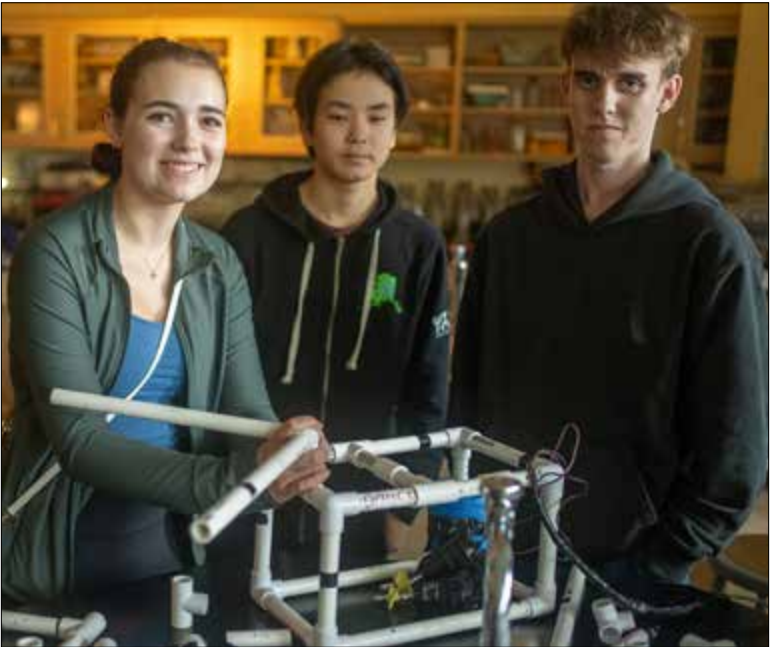
ANCHORAGE


5610 Silverado Way Ste. A7,
Anchorage, AK 99518

Support Alaska Resource Education's Vital Outreach!



Each year the Alaska Resource Education's biggest fundraiser is during the AMA convention and at the annual banquet. Please support ARE at the convention and all year long. This year ARE is now taking a key role in the Academies of Anchorage program with AISD. Here ARE is leading students who are learning in the Natural Resource Management class at Dimond High School.






IPA
INDUSTRIAL PUMPS OF ALASKA

- Pumps • Mechanical Seals • Gearboxes
- Electric Motors • Compressors
- Machining • Field Service

**ALASKAN OWNED
AND OPERATED**

907-260-2605 | ipa907.com



Subscribe to *Alaska Business*

Print
+
Digital Magazine Subscription



akbizmag.com/subscribe




**PATHFINDER
AVIATION**

- Mineral Exploration
- Precision Lift & Placement
- Fire Suppression
- Environmental Resource
- Oil & Gas
- Arctic Operations

**PROVEN IN ALASKA
FOR ANY ENVIRONMENT
ON EARTH.**

ANCHORAGE, AK 907-257-1550 PATHFINDERAVIATION.COM



**JCM
INDUSTRIES**

High Density Polyethylene Pipe offers countless advantages for Mining and Industrial Applications.

Keep Those Advantages Working with
JCM Industries Fittings and Fabrications for HDPE Pipe



REPAIR



CONNECTION



BRANCHING



RESTRAINT

JCM INDUSTRIES, INC. - NASH, TEXAS, USA 75569-1220
Call Toll Free 1-800-527-8482 or 903-832-2581
www.jcmindustries.com

Convention 2024 Was a Resounding Success!

UCM USIBELLI COAL MINE

WE ARE USIBELLI COAL MINE.

A reliable and affordable energy solution for the Railbelt & Interior Alaska.

USIBELLI COAL MINE

Visit us at usibelli.com



The AMA Convention was a success on all levels, thanks to you, our Alaska Mining Family! From our sold-out trade show to exceptional corporate support, the 2024 edition of the Convention was one for the books.

Among the highlights was the honoring of our Alaska mining superstars during the annual Awards Banquet. This year's prestigious honorees are:

- Corporate Member of The Year: Usibelli Coal Mine
- New Mine Award: Kinross Alaska and Contango Ore
- Hard Hat Safety Award: Black Gold Transport
- Rock Star of Public Service: John Hoppe, BLM
- Volunteer Member of The Year: Vanessa Larimer, Contango Ore
- Chuck Hawley Lifetime Achievement Award: Meg Smith, Kinross Alaska

We will provide detailed recognition of each honoree, and extensive Convention coverage, in the next issue of The Alaska Miner Magazine.



hello, I am...
Meadow

Meadow (left) and her two daughters, Ella and Symone.

**I am a cancer survivor.
I am a mother. I am mining.**

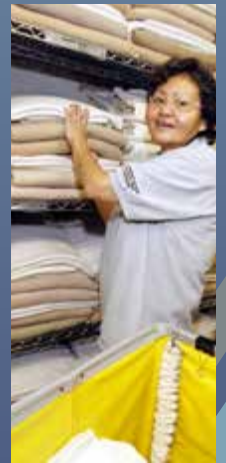
I grew up with the Alaska spirit of "pulling together." Now I am passing that spirit on to my daughters, and it's my job. As external affairs manager, I have many opportunities to support the community, from fundraising and events to raising awareness about the importance of early breast cancer screening so we all can live long, healthy lives.

KINROSS Alaska



RUNNING ALASKA'S REMOTE CAMPS SINCE 1974

From exploration to production, we have decades of experience serving the mining industry in all stages of operations. Streamline your camp services with NMS, an Alaska Native-owned company.



Let's Talk

Bradley Berberich
Strategic Account Manager
907.982.2533
Bradley.Berberich@nmsusa.com

NMS
nmsusa.com

Red Dog Mine Honored by NMA, Federal Agencies for Safety

Teck Alaska's Red Dog Mine in Alaska has been honored for a stellar record in safety during 2023.

In a ceremony in Las Vegas, Nev., the National Mining Association (NMA), the U.S. National Institute

of Occupational Safety and Health (NIOSH), and the U.S. Office of Surface Mining Reclamation and Enforcement (OSMRE) honored outstanding achievements in mine safety, technology and reclamation nationwide.

Teck Alaska Inc.'s Red Dog Operations in Kotzebue was honored in the Large Metal/Nonmetal Mill category.

The NMA's Sentinels of Safety Award recognizes coal and mineral mining operations in 10 categories for recording the most hours in a calendar year without a single lost-time injury. A minimum of 4,000 hours is required for award consideration. The award categories reflect the safety accomplishments of both small and large mines.

Twenty American mining operations – six coal mines and 14 mineral/metal mines – were honored for their extraordinary safety performance in 2023.

"No matter the size of the company, or the material mined, these awards show that safety is of the utmost importance across this diverse and vibrant industry," said Rich Nolan, NMA president and CEO. "As the demand for mined materials continues to grow, so does our industry's unshakeable focus on safety, and the innovative ways that modern mining utilizes advanced technologies to reduce risks across the mine environment."

Initiated in 1923 by then Commerce Secretary Herbert Hoover, a former mining engineer, the Sentinels of Safety Award program remains the nation's most prestigious recognition of mine safety and has helped foster a strong safety commitment on the part of U.S. mines.



ALASKA DREAMS INC.
STRUCTURAL BUILDING SOLUTIONS

LEADING THE INDUSTRY IN ADVANCED FABRIC COVERED STEEL BUILDINGS & PRE-ENGINEERED METAL BUILDINGS

TOLL FREE 1.855.455.7712
FAIRBANKS | ANCHORAGE | WASHINGTON

WWW.ALASKADREAMSINC.COM
SALES@ALASKADREAMSINC.COM

DS422i Cable bolter

Sandvik DS422i is a rock support drill designed for cement-grouted cable bolt installation in underground mines and tunnels. Designed with safety in mind with improved efficiency and productivity.

Stop by and see us at the AMA show in Anchorage, Alaska November 4-7.



Sandvik booth 34



Thank You to Our 2024 Convention Sponsors!

Support of the AMA Convention not only helps us put on a fantastic event, but it is one of our largest fundraisers, meaning, support helps sustain our year-round mission. All the work we do — our comments and testimony, Action Alerts, advocacy events like Alaska Mining Day, Alaska Night at Roundup, Juneau Mining Forum, and the dozens of presentations given throughout

the year, and our social media presence — is possible through their support. Your generosity ensures we can advocate for Alaska's mining industry, and we couldn't be more grateful.

If you are appreciative of AMA's efforts throughout the year, please take the time to read the names of companies and individuals that make it all possible.

PRESENTING SPONSORS

Construction Machinery Industrial, LLC
Teck Alaska Red Dog Operations

GOLD SPONSORS

Alaska Horn and Antler
Alaska Minerals, Inc.
Alaska Petroleum Dist.
Inc
Contango ORE Inc
Coeur Alaska
Kensington Mine
Donlin Gold LLC

Gold Buyers of Alaska:
GBA Assaying &
Refining
Hecla Greens Creek
Mining Company
Kinross Alaska
MDF Global
NANA
NC Machinery

Northern Star (Pogo)
LLC
Oxford Assaying &
Refining Corp
Ruen Drilling, Inc.
Stantec Consulting
Services Inc.
Taiga Mining Company
Usibelli Coal Mine, Inc.

SILVER SPONSORS

AIDEA
Alaska Aggregate
Products
Alaska Airlines
ARG Industrial
BGC Engineering, Inc.

CONAM Construction
Company
Hy-Tech Drilling USA Inc.
JENNMAR
Kiewit Mining Group
Redpath USA

Corporation
Sandvik Mining and Rock
Solutions
Timberline Drilling, Inc.
Weir Minerals North
America

COPPER SPONSORS

Alaska Earth Sciences
Ambler Metals LLC.
Barr Engineering Co.
Coastal Helicopters, Inc.
ConocoPhillips
Constantine
ControlChem

Cyr Drilling USA Inc.
Doyon, Limited
Kuna Engineering, LLC
Lynden
Major Drilling
Matson
North of 60 Mining News
Pebble Limited Partnership

Perkins Coie LLP
Republic Services
RESPEC
SRK Consulting
Stoel Rives LLP
Trust Land Office
Western Alaska Minerals
WSP USA Inc.

COAL SPONSORS

Alaska Business
Alaska Remote Services
Aurora Geosciences (Alaska)
Ltd.
Boreal Environmental
Services
Chugach Alaska Corporation
Denali Industrial Supply, Inc.
Fairweather, LLC
Graphite One (Alaska) Inc.
HDR
Industrial Pumps of Alaska
MTA
Northern Permafrost
Consulting LLC
Owl Ridge Natural Resource
Consultants, Inc.
SLR International Corporation
Tyler Rental

GRAVEL SPONSORS

ACZ Laboratories, Inc.
Borell Consulting Services LLC
Curriers Asphalt Maintenance
Just Refiners USA, Inc.
Modern Machinery Company
Samson Tug & Barge, Inc.
TTT Environmental, LLC

GCI Power Lounge
GCI

Young Professionals Tech Prize
Name Tag Lanyards

Program
PIP Printing

Decor at Young Professionals
Evening
Logistics, LLC

Convention Audio Video
IMIG Audio Video

Rock Fight Sponsors
Black Gold Transport
Lynden Transport
Nuna Geologic Services
RAM Enterprise, Inc.
RAM Industrial Construction
Techline Alaska

SPECIALTY SPONSORS

Banquet Centerpieces
Alaska Energy Metals

Banquet Wine
Orica

Convention Bags
Boart Longyear

Coffee Break
Tyree Oil

Core Shack Happy Hour
Contango Ore, Inc.

**BUILDING ALASKA
ONE OUNCE AT A TIME**

Our firm understanding of Alaska's unique challenges and commitment to HSSE and planning have translated into satisfied mining clients across the state.

We get dirty so you get the pay dirt.



Commitment to Safety & Quality | Anchorage · Kenai · Deadhorse
www.conamco.com | 907-278-6600

**SAMPLE ARCHIVE
SYSTEM, INC.**

A Better Way to Handle and Store Your Samples

- A proven concept in handling core
- Provides a more compact, cost effective, weatherproof method of storing
- Constructed of rugged, durable, UV-resistant black high density polyethylene (HDPE)
- Constructed for easy shipping



John C. Odden 907.434.0605 oddenco@gmail.com
Lonnice A. Kuhl 907.322.8728 lakuhl@yahoo.com
www.SampleArchiveSystem.com

Thank You to Our Trade Show Exhibitors!

We want to give a major Thank You to all of our exceptional 2024 Convention Trade Show Exhibitors!

The Trade Show is no doubt the foundation (literally, on the first floor) of our event, and the participation by our vendors brings a significant amount of revenue to the Association. They are the lifeblood of the industry's support needs for goods, services and expertise.

The goods and services supplying our mines are present throughout the Exhibit Hall and we greatly appreciate you visiting these booths, seeing what they have to offer and thanking them for their support of our industry.

We hope you also found that the booths have great swag, delicious food and maybe a Bloody Mary offering or two.

HEAVY EQUIPMENT VENDORS

- Alaska Minerals Inc.
- AMDS Alaska Mining & Diving Supply
- ALPHA Aviation
- ARG Industrial
- Construction Machinery Industrial, LLC
- DXP Alaska Pump and Supply
- Equipment Source, Inc.

VENDORS

- Acrow Corp of America
- ACZ Laboratories, Inc.
- AIDEA
- Airgas
- Alaska Aggregate Products, LLC
- Alaska Airlines
- Alaska Business
- Alaska Carquest
- Alaska Dreams, Inc.
- Alaska Drilling and Completions
- Alaska Earth Sciences /

Alaska Remote Services

- Alaska Energy Metals
- Alaska Horn & Antler
- Alaska Industrial Hardware, Inc.
- Alaska Midnight Sun Drilling Inc.
- Alaska Petroleum Dist. Inc
- Alaska Railroad
- Alaska Remote Imaging
- Alaska Resource Education
- Alaska Roteq
- Alaska Steel, Co.
- ALLOY DRILLING
- ALS Environmental
- ALS Geochemistry
- Ambler Metals LLC
- Aspen Hotels of Alaska
- Aurora Geosciences (Alaska) Ltd.
- Automatic Welding & Supply Corp.
- Backcountry EMS
- Barr Engineering Co.
- Beacon Occupational Health and Safety Services, Inc.

- Beckwith & Kuffel, Inc./ Delta P Pump
- Big Ray's
- Black Gold Transport LLC
- BLM Minerals
- Boart Longyear
- Boreal Environmental Services
- Branom Instrument Co
- Bureau of Ocean Energy Management
- Bureau Veritas Minerals
- Central Pacific Rebuilders of Alaska LLC
- Contech Engineered Solutions LLC
- ControlChem Canada Ltd.
- Delta Industrial Services Fairbanks LLC
- Denali Industrial Supply, Inc.
- DGI Geoscience US Inc.
- Donlin Gold LLC
- Dyno Nobel Inc.
- Elemetal Direct
- Energy Laboratories Inc.
- Equity Geoscience, Ltd.
- Everts Air Cargo

- Fairweather, LLC
- Far North Supply
- Fastenal Company
- Ferguson Industrial
- Fireweed Strategies LLC
- Frontier Supply
- Global Services, Inc.
- Gold Buyers of Alaska: GBA Assaying & Refining
- Horst Expediting & Remote Operations, Inc.
- Hydrate Alaska
- Hy-Tech Drilling
- IMDEX
- Industrial Pumps of Alaska
- Inlet Energy
- Integrated Power Services
- JCM Industries, Inc.
- JH Fletcher & Co.
- JSG
- Just Refiners USA, Inc.
- Kiewit Mining Group
- Kuna Engineering, LLC
- Lifewater Engineering Company
- Logic Geophysics & Analytics LLC
- Lynden
- Major Drilling
- Mascott Equipment
- MDF Alaska
- Minova Hard Rock LLC
- Modern Machinery Company
- Motion & Flow Control Products
- Motion Industries (FRBK)
- MSALABS Inc.
- MTA
- NC Machinery
- NMS
- Northern Star Resources (Pogo) LLC
- Northrim Bank
- Northwest Pump
- Orica USA Inc
- Oxford Assaying & Refining Corp
- Piton Exploration LLC
- RAM Enterprise, Inc.
- Rangefront Mining Services
- Redpath USA Corporation
- Republic Services
- RESPEC
- Rockbottom Geoscience LLC
- Roughstock Mining Services
- Ruen Drilling Inc
- Sample Archive System Inc.
- Samson Tug & Barge Co. Inc.
- Sandvik
- Shoreside Petroleum Inc.
- SKAPS Industries
- SLR International Corporation
- SMS Equipment Inc.
- Soloy Helicopters, LLC
- Sophie Station Suites
- SRK Consulting
- Stantec Consulting Services Inc.
- State of Alaska Division of Geological & Geophysical Surveys
- State of Alaska, DNR Division of Mining, Land & Water
- StateFire
- Techline Alaska
- TEMSCO Helicopters, Inc.
- Thermo-Tech, Inc.
- Thyssen Mining Inc.
- Top Shelf Realty
- TOTE Maritime Alaska
- TTT Environmental, LLC
- United States Antimony Corporation
- USACE
- US Geological Survey
- Vega Americas
- Weir Minerals North America
- WSP USA Inc.
- Yukuskokon Professional Services
- Zonge International Inc.

TABLE TOP VENDORS

- 49th Freight
- Alaska Science and Engineering Fair
- Alaska Seaplanes
- Arcticom LLC, a BSNC Company
- Belzona Technology Northwest
- BGC Engineering, Inc.
- Conn-Weld Industries, LLC
- Friends of the West Susitna
- Garratt-Callahan, Water Treatment Expertise
- North of 60 Mining News
- Rain for Rent
- Wilson/Rogers & Associates
- Women in Mining Alaska Chapter

Thank you to our 2024 convention attendees!

Emily Accipiter Stewart
Marisa Acosta
Lonnie Adams
Kerry Adler
Kevin Adler
Ashlee Adoko
Darci Ahlin - Stieren
Jay Ahrenholz
Doug Ainsworth
Lesley Albo
Scott Allen
James Allred
Anne Almario
Sam Amato
Rick Ames
Chuck Anderson
Eric Anderson
Steve Anderson
Stuart Anderson
Chasity Anelon
Samantha Angaiak-Miller
Andrew Angel
Eli Angel
Carmen Arbizo
Leo Arciaga
Keith Arens
Bryan Arnold
Tim Arnold
Esther Babcock
Zach Baer
Travis Bailey
Graham Baker
Steve Ball
Aiden Ballot
Tim Balty
Bert Bamford
Tony Barajas
Joe Bardswich
John Barefoot
Ryan Barnett
Michael Barrera
Tom Barrett
Matthew Bates
Jeb Baughman
Fred Bauman
Danielle Bay
Mandie Bayer
Nick Bayes
Thomas Beckman
Kyle Beebe
Gregory Beischer
Charles Bell
Mick Bell
Michael A Belowich
Ron Benkert
Chet Bennett
Christopher Benson
Jamie Benson
Bradley Berberich
Curtis Bernard
Dave Bertuch
Ryan Bessen
Michael Bethe
William Bieber
Matt Bierer
Hank Billings
Bill Billmeier
Ben Birch
Jerry Birch

Eleanor Black
Kim Black
Steve Black
Alex Blake
Rodney Blakestad
Shannon Bleicher
Heather Blood
Blake Bogart
Shane Bonanno
Dmytro Bondar
Steve Borell
Brady Borum
Stacey Bosshardt
Wescott Bott
Cass Bourke
Logan Boyce
Robert Boyle
Derek Bradish
Tim Bradner
Mick Bradway
David Brailey
Audra Brase
Mike Brase
Brandon Breczynski
Charlene Bringhurst
Bonnie Broman
Ronald Brooks
Rick Brossow
Chris Brown
Clayton Bruce
Kurt Bruce
Darcy Buchanan
Wes Buchanan
Steve Buckley
Nick Buckner
Thomas Bundtzen
Richard Bunnage
Randy Burchell
Roger Burggraf
Taylor Burgh
Amphone Burnett
William Burnett
Justin Burrows
Baylee Burt
Tyler Burt
Jeff Burton
Bob Buto
Justin Cabe
Allegra Cairns
Joel Campbell
Kim Campbell
Eric Cannon
John Canoy
Kati Capozzi
Sarah Capps
Trevor Carbaugh
Linda Carberry
Clyde Carey
Mike Carey
Jesse Carlstrom
Larry Carr
George Case
Jimi Cash
Lisa Cassino
Nina Caterinichio
Nadim Chammas
Emilien Charbonneau
Regan Chernish
Duncan Chessell

Susan Childs
Curtis Christensen
Chuck Christmann
Brandon Cintula
John Cioffoletti
Douglas Clark
Erik Clark
Ivan Clark
James Clark
Chelsea Clawson
Micah Claypoole
Trevor Clayton
Christy Colles
Cindy Collins
Julian Collins
Jeremy Collyard
Lisbeth Conrad
Amy Cook
Ryan Cooper
Tom Cooper
Tom Corbett
Kristin Corbin
Luc Corbin
Yvan Corbin
Samantha Cormier
Tom Cortbett
Ty Cortner
Joy Beth Cottle
Rep. Julie Coulombe
Jeff Cox
Louise Crabtree
Bill Craig
Cal Craig
Katherine Crombie
Scott Crosser
Frank Crouse
Dane Crowley
Lee Cruise
Conner Cucullu
Brent Culleton
Carolyn Curley
Kirk Currey
Carin Currier
Craig Currier
Gia Currier
Megan Currier
Chris Curry
Mark Curry
Zoelle Custer
Greg Cyr
Nick Dallman
Troy Dana
Fred Daniels
Samuel Dashevsky
Michelle Deal
Nicole Dean
Ross Dean
Greg Deemer
Benjamin Denner
Brian Dennis
Kent Devine
Mikahla DeVries-Paris
Sal Di Stasio
Jack DiMarchi
John Diument
Steven Dixon
Nguyen Do
Michele Dominguez
Ferdinand Dominic

Kirby Donald
Elizabeth Drewes-Todd
Crystal Drury
Curt Dufendach
Desmond Duffy
Rich Dunham
Clayton Dunn
Muradur Dunshie
Greg Durrcher
Howard Earl
Don Easterly
Chris Eckert
Michael Eckert
Ella Ede
Dr. Karsten Eden
Edward M Edson
Jim Eidenmiller
Michael El-Khoury
Mischa Ellanna
Matt Ellis
Matt Emerson
Shari Endy
Brian Erickson
Laura Erickson
Francis Espinoza
Mehmet Evran
Laurie Fagnani
Matt Falkins
Jadon Farleigh
Denny Farrell
Walter Featherly
Corri Feige
Liam Ferguson
Niiqsik Ferguson
Enrique Fernandez
Nick Ferree
Dan Fifield
Claudio Figueroa
Patrick Filbin
Aaron Finney
Grady Fischer
Brent Fisher
Amanda Fithian
Barbara Fithian
Jared Fithian
Robert Fithian
Ria Fitzgerald
Eric Fjelstad
Dan Fleckenstein
Jerry Fleishman
Shaun Fleming
Kenneth Flinders
Chelsea Flint
Tim Flynn
Edmund Fogels
Stan Foo
Rep. Neal Foster
Stephanie Foster
Corey Foxworth
Trent Fransisconi
Peter Frantz
Curtis Freeman
Elizabeth Freeman
Max Frey
Vincent Fricaud
Veronica Friend
Jim Frisbie
Kirsten Fristad
Esther Fueg

James Fueg
Mike Fulton
Mikea Fulton
Mikena Fulton
Logan Fusso
Icsys Gale
Michael Galicki
Dan Gallagher
Powell Gallagher
Tony Gallagher
Liz Galloway
Zachary Garcia
Ryan Gault
Tikky Gault
Evan Gearity
Samuel Geibert
Kindra Geis
Christopher
Gerteisen
Tathagata Ghosh
Rohanna Gibson
Rich Giessel
Sen. Cathy Giessel
Ty Gifford
Andrea Gilbert
Alan Gillespie
Brett Godwin
Emily Goedken
Jack Goedken
Michael Goetz
Greg Gold
Natalie Gomez
Clayton Gooden
Ryan Goodrich
Brent Goodrum
Keith Goodrum
Andy Gordon
Zane Gordon
Jacob Gorlick
Richard Gosse
Jim Gosser
William Gottmeier
Rebecca Gower
Billy Graham
Caleb Graham
Dan Graham
Mary Graham
Max Graham
Jacob Grasmick
Nicholas Gray
Kevin Greenfield
Karl Greninger
Peter Griener
Zach Grimac
William Groom
Tim Gross
Bernard Guest
Joshua Gunderson
Kevin Gunnip
Matt Gutacker
Bryan Haas
Colton Haataja
Mya Habermann
Rebecca Hager
Lydia Haigh
Connor Hajdukovich
Leona Hakala
Jonathan Hall
Marleanna Hall

| | | | | |
|------------------------|-------------------|-----------------------|--------------------|---------------------|
| Matthew Hall | Jeremy Huffman | Christian Kolden | Neil MacKinnon | Kristina Montuya |
| Matthew Hall | Grant Hughes | Vince Konynenbelt | Wendie MacNaughton | Kelly Moore |
| Melony Halleck | Joy Huntington | Roberta Koppenberg | Jake Maenpa | Kelly Moore |
| Michael Haller | Ehrich Huntley | Sam Koppenberg | Rachel Maj | Marc Moreau |
| Max Halter | Tara Hutchison | Bill Krasnozon | Cathleen Mala | Nick Morgan |
| Anita Halterman | Rick Huth | Sylvia Kreel | Jim Male | Houston Morris |
| Michael Hamm | Brant Hylinski | Doug Kreiner | Thomas Malnoske | Rosee Morris |
| Jada Hamtpon | James Hyun | Colin Krieger | Jaenell Manchester | William Morris |
| Ken Hanley | Teresa Imm | Stefan Krosgeng | Paul Manuel | Gail Morrison |
| Larry Hanna | Chester Ince | Aaron Kruse | Karen Manzano | Kyle Moselle |
| Matt Hannen | Nikolai Ivanoff | Al Kubena | David Manzer | Gabe Moses |
| Peter Hanney | Bob Jacko | Ashley Kubik | Victoria Manzer | Wayne Moses |
| Ken Hanni | Veronica Jackson | Lonnie Kuhl | Sean Marble | Katie Muhs |
| Ryann Hansen | Andrea Jacuk | Kristin Kulikoff | Jenny March | Shane Muir |
| Matthew Hanson | Jesse James | Becky Kunkle | Chad Marcy | Lee Ann Munk |
| Stan Hardman | Tiffany Janssen | Joseph Kurtak | Evan Margerum | Riley Muri |
| Tyler Hardy | John Jemewouk | Jabel Kwaw | Joan Marrs | Sen. Lisa Murkowski |
| Sara Harkins | Kelly Jemison | Dave Kwok | Kit Marrs | Mickey Muro |
| Jerry Harmon | Carey Jensen | Elizabeth LaDouceur | Erin Marsh | Autumn Murray |
| Kate Harper | Trevor Jepsen | Michael LaDouceur | John Marshall | Madeleine Murray |
| Theron Harper | Hillary Jochens | James Ladue | Shayla Marshall | Joshua Murrell |
| Ross Harrington | Charles Johnson | Paige Lambert | Ever Martinez | Jerilee Musgrove |
| Emily Hart | Chris Johnson | Kirsten Lane | Stefani Martinez | Tim Musgrove |
| Jason Hart | Jay Johnson | Stewart Langer | Drew Mason | Doug Myers |
| Raesha Hartz | Michelle Johnson | Erik Langnes | Thomas Mason | Avadh Nagaralawala |
| Traci Hartz | Rosita Johnson | Sage Langston-Stewart | Nikki Masson | Walter Nagel |
| Ron Harvey | Loralee Johnstone | Jeff Lapp | Eric Matson | Travis Naibert |
| Scott Hawke | Craig Jones | Dave Larimer | Christopher Matter | Morris Nakarak |
| Ted Hawley | Jamey Jones | Vanessa Larimer | Joshua Matthews | Oliver Nannestad |
| Timothy Hayes | Jennifer Jones | Nathan Larson | Karen Matthias | Matt Narus |
| Dylan Haynes-Carstens | Kerry Jones | Paul Larson | Kevin Mayo | Graham Neale |
| Nikki Heady | Sarah Jones | Rodney Larson | Melody McAllister | Mike Neely |
| Mike Heatwole | Veronica Jones | Dan Lasco | Tarnya McBurney | Kyle Negri |
| Allison Hebard | Tom Jordan | Rebecca Lasley | Kevin McCabe | Joseph Nelson |
| Paul Hebert | Bronk Jorgensen | Shane Lasley | Kean McCallum | Steve Nelson |
| Dave Hedderly-Smith | Sujan Joshi | Steve Latimer | Patrick McCann | Terry Nelson |
| Tracy Heiner | Tallas Jourdan | Kevin Laurin | Jason McCleery | Trevor Nelson |
| Steve Heinle | Jatin Juneja | Arnie Lausted | Heather McClung | Daniel Neuffer |
| Cindy Helmericks | Serhii Kachuliak | Charles Lechner | Brendan McCrum | Jack Newell |
| Sarah Henderson | Kate Kanouse | John Ledger | Barrett McCumby | Justin Newmann |
| Cole Hendrickson | Sue Karl | Brad Lee | Rob McDermott | Marshall Ney |
| Darren Hershman | Rae Keim | Tim Legare | Tavis McDevitt | Steven Ngo |
| Denise Herzog | Colin Keith | Lee Leschper | Michael McDonough | Aaron Nickols |
| Kris Hess | Jeff Keller | Richard Lessard | Dennis McDowell | Nat Nielsen |
| Michael Hibpshman | Caitlin Kennedy | Layne Lewis | David McFarland | Paul Nielsen |
| Terry Hicks | Chris Kennedy | Tim Lewis | Rob McGill | Duane Nixon |
| Frank Hight | Helen Kennedy | Paula Lillesve | Rebecca McGrew | Nick Niziolek |
| Lucas Hile | Jane Kennedy | Corinne Lindfors | Ian McIntosh | Johnnie Noble |
| Dan Hill | Leo Kerin | Rochelle Lindley | Rep. Tom McKay | Kevin Norcross |
| Blake Hillis | Matthew Kershinar | Chris Lindsey | Robin McKillop | Kari Nore |
| Benjamin Hinkle | Derek Ketzler | Jeff Lininger | Mel McMahan | Dan Norris |
| Brent Hinterlong | Erik Keyser | Emma Literski | Jamie Meier | Lily Norwood |
| Mike Hjortstorp | David Khan | Jeremy Littell | Leslie Melton | Garret Nowakowski |
| Justin Ho | Stephen Kichura | Tom Locklair | Peter Mercer | John Noyce |
| David Hoeffel | Marc Kieler | Bob Loeffler | Christine Merki | Zakiya Nurudeen |
| Brian Hoefler | Jennica Kilcher | Jim Loftis | Jim Metsa | Michael O'Brien |
| Erich Hoefler | Samuel Kilfoyle | Rebecca Logan | Rusty Meyer | Dan O'Connor |
| Hans Hoffman | Catherine Kim | Tavish Logan | Dan Michael | Kenna O'Neill |
| Dan Hogg | Leila Kimbrell | Willie Logan | John Michaels | Greg Obeso |
| Paul Hohbach | Noah Kimmes | Jason Lombardi | Corey Milar | Colleen Odden |
| Tye Hollenbeck | Peter King | Sarah Lowell | Morgan Miles | John Odden |
| Will Holman | Lucky Kirkendoll | Michael Lu | Adam Miller | Scott Ohman |
| Sheri Holt-Christensen | Russell Kirkham | Michael Lucero | Drew Miller | Katie Oldford |
| John Hoppe | Kimberly Klein | Daniel Lui | Jeremy Miller | Christopher Olson |
| Josh Horst | Bartly Kleven | Jennifer Luiten | Jonathan Miller | Niki Olson |
| Susan Hoshaw | Rich Kline | Tony Luiten | Lance Miller | JT Onofrey |
| Ryan Hospelhorn | Bill Kloth | Dena Lythgoe | Mike Miller | Akiko Onozuka |
| Thomas Howard | Kristopher Knauss | Leinani Maalona | Nicole Misarti | Debra Ore |
| Gary Howarth | Richard Knowles | Miles Macdonald | Chad Mitchell | Mark Ornellas |
| Scott Hudson | Maryanne Knutsen | Rocky MacDonald | Naomi Mitchell | Cory Ortiz |
| Cody Huff | David Knutson | Ben Machlis | Tyler Mitchell | Alvin Ott |
| Chris Huffman | Givey Kochanowski | Scott MacInnes | Ramona Monroe | Drew Otto |

Joyce Outten
Melissa Overly
Theresa Pacho
Edmond Packee
Daniel Palo
Dave Parenteau
David Parish
Heather Parker
Josh Parks
Stuart Parks
Amber Parra
Shane Parrow
Jeff Parshley
Frank Paskvan
Daniela Paterson
Tristen Pattee
Shaun Patterson
Gene Pavia
Ron Payne
Skyler Pearson
Mary Ann Pease
Rachael Peavler
Rep. Mary Peltola
Clark Penney
Taryn Perez
Wilma Perez de Pottella
Willa Perlmutter
Monika Perry
Jeff Peters
Colin Phillips
Jessica Pickett
Tim Pilon
Cody Pink
Keely Pliska
Janis Plume
Shaun Pogue
Chloe Poindexter
Emma Poken
Ken Polinski
Gene Pool
James Porreca
Scott Posey
JoAnna Potter
Kevin Poulson
Ben Power
Josh Pownall
McLain Pray
Russell Price
Shayne Price
John Proffett
Hunter Propsom
Dakota Prudhomme
Ben Pysto
Erika Quade
Kei Quinn
Jameel Qureshi
David Rabe
Robert Ragar
Mark Raimo
Simeon Ramirez
Brad Randall
Richard Ratzburg
Mike Rawson
Molly Redilla
Justin Reed
Charlie Rehn
Daniel Reiss
Carly Rembold
Daniel Remington
Alan Renshaw
Robert Retherford
Robyn Reyes

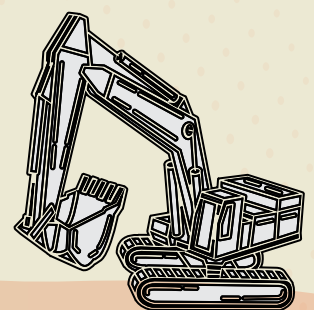
Aaron Reynaga
Amber Rhoads
Scott Rhode
Kyle Rhoderick
Lee Rice
Meadow Riedel
Ron Rimelman
Trevor Ring
Sylvia Ringer
AJ Roan
Jessica Roberts
John Roberts
Laurie Roberts
Scott Roberts
Eric Robinson
Jim Robinson
Michael Robinson
Mike Robinson
Tad Robinson
Blake Rod
Karina Rogers
Dan Romanelli
Elena Romerdahl
Phillip Rosebaum
Leslie Rosenberger
David Ross
Laura Ross
Victor Ross
Ryan Rostad
Jessica Rostad
JP Roulet
Isaac Rowland
Jacob Rowland
Steve Rowland
Jacqueline Rowley
Randy Ruaro
Luke Rubalcava
Nathan Rude
Arlan Ruen
Christopher Russell
Leola Rutherford
Rep. Dan Saddler
Keaton Sakurada
Susie Saloka
Ralph Samuels
Jeff San Juan
Maria Sanders
Luis Santiago
Mike Satre
Brenna Schaake
Mike Schaffner
Joni Scharfenberg
Terry Schick
Cory Schmidt
Jay Schmidt
Jeanine Schmidt
William Schnabel
Garrett Schofield
Jeff Schott
Andrew Schroetlin
Craig Schuettpelz, PE
Aaron Schutt
Andy Schweizer
John Scoresby
Tyler Searle
Justin Seavey
Clint Seegers
John Seigle
Jack Seto
George Seuffert JR
Barbara Sevier
Jenna Sexson

Dominic Shallies
Scott Shapkoff
Karl Sharp
Lorna Shaw
Brent Sheets
David Shell
Dustun Shell
John Sheneman
Kelsey Sherrard
Neil Shibe
Taylor Shirley
John Shively
Brandi Shope
Brandon Shope
Jessica Short
Roger Shortridge
George Siasios
Tab Siegrist
Teagan Siekawitch
Ernie Siemoneit
Keith Silver
Keith Silver
Jeff Silvernagel
Loralie Simon
Lucas Sinnott
Erica Sjoroos
Tracy Skantel
Deantha Skibinski
Jim Smith
Kayla Smith
LaDon Smith
Meg Smith
Michael Smith
Mike Smith
Nathan Smith
Tim Smith
Shane Smithhisler
Cole Snodgrass
Chuck Softich
Sean Solie
Richard Solie Jr
Chris Soloy
Sam Soloy
Kristen Sommers
Sinxay Soneoulay
Jonathan Soper
Jack Spears
Karin Spears
Ingrid St John
Lee St. Pierre
Melinda St. Pierre
Nathan Steeves
Adam Stevens
Christopher Stevens
Shannon Stevens
Dave Stieren
Brad Stiles
Michael Stoddard
Mary Stollenwerk
Jennifer Stoutamore
Sam Strackeljahn
Andriana Strezoski
Darlene Strickland
Senator Dan Sullivan
Jeff Sweers
Kyalie Swensen
Halcyon Swisher
Zoom Szumigala
John Tack
Oscar Takak
J.P. Tangen
Jack Tarr

Cameron Taylor
Corey Taylor
Jeff Taylor
Peter Taylor
Robert Taylor
Suzanne Taylor
Robert Taylor
Garrett Teich
Steve Teller
Alycia Thomas
Ben Thompson
Ben Thompson
Josh Thompson
Katelyn Thompson
Randi Thompson
Russell Thompson
Jessica Tighe
Laura Timm
Ben Tobber
Ben Tobber
Jason Todd
Jennifer Todd
Nathaniel Todeschi
Chee Toh
Kevin Torpy
Caroline Torres
Beki Toussaint
Joan Tovsen
Fred Transburg
Ethan Trickey
Bob Tsigonis
Nileen TuimalealiiFano
Mark Turner
Arkadius Turolski
Bruce Tweet
William Tweet
Evan Twelker
Cody Unger
Joe Usibelli
Lexy Valentine
Luke Van Der Meer
Noah Van Lith
Rick Van Nieuwenhuysse
Darrel VandeWeg
Gabriel Vega
Alec Venechuk
Thomas Veseth
Olivier Viel
Alfredo Villalobos
Bill Vivlamore
Jesse Vorves
Wyatt Vrana
Brian Waddell
Dakota Waddell
Heath Waddingham
Kristina Walcott
Christopher Walker
Jesse Walker
Kim Walker
Monika Walker
Tanny Walker
Casey Wallace
Samantha Wallingford
Alex Wallis
Fred Wallis
Chris Wallstrum
Miranda Wallstrum
Keith Walters
Blake Wangberg
Cecilia Ward
Eric Wardlaw
Jusdi Warner

Marwan Wartes
Royce Watkins
Brett Watson
Aaron Weber
Nick Welton
Melanie Werdon
Andy West
Dale Westerlin
Verna Westlake
William Whalen
Debra Whitbeck
Rick Whitbeck
Dan White
Tiffany Whited
Tom Whited
George Whiteley
James Whitlock
Grant Wick
Patrick Wieck
Amanda Wiggins
Simon Wigren
Zach Wilkinson
Richard Williams
Robert Williams
Terry Williams
Rebecca Wilmarth
Kurt Winkler
Tonia Winkler
Mark Winter
Clint Winzenburg
Denny Wisely
Gregory Witzel
Sonja Wolke
Bob Wood
John E Wood
Marvin Woodie
Carolann Wooton
Richard Worabel
Robert Wozniak
Jeff Wray
David Wright
Jayden Wright
Kory Wright
Justin Wrobel
Alina Wyatt
James Wycoff
Bailey Wynn
Hollie Wynne
Veselina Yakimova
Les Yesnik
Dan York
Betsy Young
Matt Young
Kirk Zerkel

Critical Mining
for these
Critical Times





The AMA Board of Directors gathered for its annual board meeting at the 2024 convention, including time for a quick team photo!

Jennifer Luiten Welcomes New Baby!



Jennifer Luiten, Membership and Fundraising Director, welcomed her baby boy, Bennett Andrew Luiten on Sept. 26, 2024. Bennett was 8 pounds, 12 ounces and 20.5 inches long. Big brothers Lucas and Jace are overjoyed with their new brother. Welcome to the AMA family, Bennett!



TEMSCO

HELICOPTERS, INC.

Serving all of Alaska since 1958

**TIMBER
EXPLORATION
MINING
SURVEY
CARGO
OPERATIONS**

TEMSCO Helicopters, Inc

PO Box 5057 Ketchikan, Alaska 99901

Phone 907-225-5141 • fax 907-225-2340 • www.TemscoAir.com

In Memoriam: Lee Clune, Distinguished Leader in Resource Education

Long-term Alaskan resident, Leland Arthur Clune, 78, died Sept. 9 at Alaska Regional Hospital following a heart attack at his home in Anchorage, where he was surrounded by loved ones.

Lee was born Jan. 7, 1946, in St. Paul, Minnesota, to Jeanette and Arthur Clune. He first moved to Alaska at three months of age, on an Alaska Airlines flight piloted by his dad. He lived in Alaska until he was six. He attended schools in Idaho, Oregon and graduated from Sammamish High School in Washington in 1964.

Lee married the love of his life, Debbie Kersey in 1966 in Fruitland, Idaho. Lee was a member of the Army National Guard in Washington and Idaho until honorably discharged in 1968. He graduated from Boise State University in 1972, earned his Master of Education at the University of Alaska in 1975, and worked on obtaining his doctorates in Hawaii.

The staff of Alaska Resource Education shared their thoughts on Lee's early work in resource education here.

"The team at Alaska Resource Education and all our resource industries were sad to hear of the recent



passing of Lee Clune, previous executive director of ARE (at that time known as the Alaska Mineral and Energy Resource Education Fund). During his career, Lee worked towards the development and expansion of preparing Alaska K-12 students for the world of work. "

He began his career in education in the early 1970s with the then Fairbanks City School District as a career education teacher and program coordinator. He joined the State of Alaska Department of Education in 1980 as a program manager and eventually State Director of Career and Vocation/Technical Education.

The remainder of his K-12 public school career (24 years) was spent as an assistant and Superintendent of School in Nome, Yakutat, and the Delta/Greely School Districts. After his "retirement" in 1996 he served as an adjunct faculty member of UAA's Department of Educational Leadership. He was the executive director of the Alaska Mineral and Energy Resource Education Fund (AMEREF) from 2006-2008.

Water & sewage treatment systems for mineral, tourism, fishing, and energy projects in Alaska

LIFEWATER
ENGINEERING COMPANY
907-458-7024
info@lifewaterengineering.com

FIRST GOLD POUR
7-8-24

KINROSS Manh Choh
A JV with Contango ORE

**CREATING NEW
JOBS & GOLDEN
OPPORTUNITIES
FOR ALASKA'S
INTERIOR**

Visit jobs.kinross.com
or scan the code to
view our open positions.

TYLER RENTAL



SANDVIK Crushing and
Surface Drill Dealer for
Washington, Oregon
and Alaska.



2022 Sandvik QH332 #80-33203
649 Hrs, Mobile Cone Crusher, CAT C-9, 8”
Feed Size, 220 MTPH, 6.5 Yd Feeder
Chehalis, WA **\$679,500**



2022 Sandvik QJ341 #80-34101
753 Hrs, Mobile Jaw Crusher, Tracked,
Single Toggle C12 Jaw, 39” Conveyor
Chehalis, WA **\$639,500**



2023 Sandvik QE442 #80-44202
163 Hrs, Scalping Screen, 11.1 YD Hopper,
Stabilizing Legs, Cat C4.4 Engine
Chehalis, WA **\$498,500**



2022 Sandvik DX800R #01-80004
1704 Hrs, Vertical Drill, Cab, Support Leg,
Rod Changer, (US Spec)
Juneau, AK **\$498,500**



2021 Sandvik DX800R #01-80002
1537 Hrs, Vertical Drill, Non Cab, Winch,
Support Leg, Remote Control.
Juneau, AK **\$469,500**



2023 Sandvik QE141 #80-14103
122 Hrs, Scalping Screen, Hopper, 12’ 8”
Tracked
Chehalis, WA **\$249,500**



2023 Edge TS80 #80-80001
296 Hrs, Stacker, Tracked, Twin Drive
Extensions fold for Transport
Chehalis, WA **\$124,500**



2018 Deere 350G LC #36-35130
3273 Hrs, Pattern Changer, Aux Hyd,
Hyd Pin Grabber, 13’1” Arm, Hyd Thumb
Ketchikan, AK **\$219,500**



2015 Deere 844KII #84-84403
5412 Hrs, Cab, Heated Mirrors, Loadrite
Scale, Pilot Controller, 7.25 CY Bucket
Chehalis, WA **\$239,500**

Contact Craig Thomas craigert@tylerrental.com (907) 617-1669

Graphite One



America's Supply Chain
for the Electrification
of Everything

EVs and UAVs... Laptops and LEDs... Smartphones, solar cells and satellites...
A revolution in materials science is changing our world.

Graphite is at the center of that revolution.

**Graphite One:
America's Complete Advanced Graphite Supply Chain Solution**

Graphite One

Tech Materials for Global Ingenuity

www.GraphiteOneInc.com

TSX-V: GPH OTCQX: GPHOF

T & J Enterprises, Inc.



(406) 626-1968

TJOFFICE@TJENTERPRISES.US

WWW.TJENTERPRISES.US

MINERAL EXPLORATION

GRADE CONTROL

DEWATERING WELLS

MONITORING & PIEZOMETER WELLS

GEOTECHNICAL

REMOTE LOCATIONS

**PROUDLY SERVING ALASKA WITH
SURFACE AND HELICOPTER SUPPORTED REVERSE CIRCULATION AND CORE DRILLING SINCE 1994**



ALPHA

ALPHA AVIATION LLC



Full-service helicopter operator based out of southcentral Alaska with a fleet of R44, R66, AS 350 and UH-1H aircraft

(907) 290-8878
 info@flyalphaair.com
 www.flyalphaair.com



ALASKA MINERALS, INC.

REMOTE SITE GEAR FOR THE LAST FRONTIER

8121 SCHOON STREET
 ANCHORAGE, AK 99518
 Office: 907.522.3366
 Mobile: 907.223.9452
 Mike@AlaskaMineralsInc.com



CAMP SERVICES

- Full-service turnkey camp rentals
- Heavy duty *Weatherport* tents
- Fully equipped kitchen & dining
 - Homestyle cooking & catering
- Wash tents with showers & laundry
- Sleeper tents with beds & heaters
- Personnel Support
 - Camp laborers
 - Payroll services
 - Workers Comp Insurance
 - Liability Insurance
- *iDirect* Satellite Internet & Phone
- ATV, UTV & Snowmobile Rentals

PRODUCTS SALES

- Baroid Drilling Products
- Extreme Drilling Additives
- Heavy Duty Waxed Core Boxes
- Wooden Core Boxes
- Johnson PVC Pipe & Screen
- Monoflex PVC & U-Packs
- Target Silica Sand
- Manhole Covers
- Protective Cases

Let us help plan and supply your next exploration project from start to finish! We have nearly 40 years of experience working in Alaska and over 50 years in the mining industry.

MAKING FUEL, FREIGHT & PASSENGER TRANSPORT EASY THROUGHOUT SOUTHERN SOUTHEAST ALASKA.



Solutions Beyond Expectations.

907-228-7783



7559 N Tongass Highway | Ketchikan, Alaska 99901
 www.remotemadeeasy.com

EXPECT MORE WITH MOTION

MORE CHOICES • MORE EXPERTISE • MORE SOLUTIONS



Serving Alaska from Anchorage and Fairbanks

- Bearings
- Mechanical Power Transmission
- Electrical & Industrial Automation
- Linear Motion Products
- Pneumatics
- Hydraulics
- Hydraulic Hose
- Industrial Hose
- Material Handling
- Process Pumps & Equipment
- Industrial Products
- Seal & Accessories
- Safety Products
- Shops and Services



Call. 800-526-9328
 Click. MotionIndustries.com
 Visit. Over 550 Locations



LAST CALL!

Ensure your advertising message is reaching Alaska's mining industry throughout 2025!

Advertising deadlines are fast approaching to reserve your space in the three Alaska Miners Association publications:

- *The 2025 Alaska Miners Handbook and Service Directory*
- *The Alaska Miner Magazine*
- *The Alaska Miner Journal*

Advertising Deadline for the 2025 Alaska Miners Handbook is December 31, 2024

Don't miss it!...
And thanks for supporting AMA!

To be included, call or email Publisher Lee Leschper, Fireweed Strategies



907-957-6025
Lee.Leschper@FireweedStrategies.com



SOLOY HELICOPTERS^{LLC}

907.376.1161
www.soloyhelicopters.com



Contract and Charter Service
with 40 years of experience in
Mineral Exploration, Seismic,
Construction, Survey, and
Precision Long Line Work.

3800 W Aviation Ave
Wasilla, Alaska 99654

Bell 205 A1++ • BK117B2 • AS350B3
AS350B2 • Hughes 500



Arctic engineering
and environmental
services.

We help
mines thrive.



Victor Ross
(907) 521-3588
victor.ross@stantec.com

Steve Reidsma, PWS
(907) 347-5215
steve.reidsma@stantec.com



DONLIN GOLD

Invested in our people.
Invested in the region.

donlingold.com



Corporate Members

Please support and thank these companies who have renewed their support and corporate membership in AMA. Their continued support makes possible all the work we do in and for the mining industry.

Pioneer/High Grade

Construction Machinery Industrial LLC

Producers

Coeur Alaska - Kensington Mine
 Hecla Greens Creek Mining Company
 Kinross Alaska
 NANA Regional Corp
 Northern Star Resources - Pogo Mine
 Ruen Drilling Inc.
 Teck Alaska Inc. - Red Dog
 Usibelli Coal Mine Inc.

Junior Producer

Sundance Mining Group

Developers

AIDEA
 Alaska Aggregate Products LLC
 Constantine Mining LLC
 Contango Ore, Inc.
 Donlin Gold LLC

Lynden Logistics
 NovaGold Resources Inc.
 Oxford Assaying & Refining Corp.
 Pebble Limited Partnership
 Redpath USA Corporation
 RESPEC
 Taiga Mining Company
 Tower Hill Mines Inc. - Livengood Project

Explorers

Alaska Energy Metals
 Alaska Frontier Constructors Inc.
 Alaska Railroad Corporation
 Ambler Metals LLC
 Blackwolf Copper & Gold Ltd.
 Borealis Fuels and Logistics
 Chugach Alaska Corporation
 ConocoPhillips Alaska Inc.
 Doyon, Ltd
 Freegold Ventures Ltd
 GCI Business


Graphite One Inc.
 HighGold Mining Inc
 Lifewater Engineering Company
 Nebari Partners
 NMS
 Nova Minerals Limited
 Nuna Geologic Services LLC
 Orica USA Inc.
 PolarX Limited
 South32
 Tectonic Metals Inc.
 Trilogy Metals, Inc.
 U.S. GoldMining Inc
 United States Antimony Corporation
 Western Alaska Minerals

Business Members


3-Tier Alaska
 A & D Drilling LLC
 ACZ Laboratories Inc.
 Advanced Supply Chain International LLC

Whether you need geophysical, geological or exploration support services, our ideas, experience and northern expertise mean you'll have the best thinking on your project.

Go ahead – pick our brains.




AURORA GEOSCIENCES
 YELLOWKNIFE • WHITEHORSE • JUNEAU




www.auroraesciences.com

MOVING THE EARTH

Our flexibility and dedication have enabled us to become a top provider for the heavy civil construction and resource development industries.



Alaska Aggregate Products LLC



- Mine Development and Infrastructure
- Earth Moving
- Liner Installation and Welding
- Roads, Dams and Bridge Construction
- Shotcrete and Slurry
- Structural Steel
- Concrete Structures and Foundations
- HDPE Piping

ak-gravel.com • (907) 746-4505

| | | | |
|--|--|--|--|
| Airgas USA, LLC | Boreal Environmental Services | Hyak Mining Co. | PX4 Software |
| Alaska Air Carriers Association | Brenntag Pacific, Inc. | Idaho Mining Association | Ram-Enterprise |
| Alaska Airlines | CalCIMA | Industrial Pumps of Alaska | Remote Made Easy (PSSA) |
| Alaska Business | Chamber of Mines of Eastern British Columbia | Institute of Northern Engineering | Remote Site Services Inc. |
| Alaska Carquest LLC | Coastal Helicopters | International Directional Services | Republic Services |
| Alaska Chamber | Colaska | JCM Industries | Resource Development Council |
| Alaska Drilling and Completions | Colorado Mining Association | Juneau Economic Development Council | Roughstock Mining Services LLC |
| Alaska Forest Association | Commonwealth North | Just Refiners USA, Inc. | Royal Gold Inc. |
| Alaska Industrial Hardware Inc | CONAM Construction Company | Kiewit Mining Group | Samson Tug & Barge |
| Alaska International Business Center | Consumer Energy Alliance | Klondike Placer Miners' Association | Sandvik |
| Alaska Minerals Inc. | Craig Taylor Equipment Company | Knight Piesold & Company | Sealaska Corporation/Alaska Coastal Aggregates LLC |
| Alaska Mining & Diving Supply, Inc. | Cruise Lines International Alaska | Kuna Engineering | SECON/Southeast Roadbuilders |
| Alaska Oil and Gas Association | Cummins Sales & Service | Lignite Energy Council | Shoreside Petroleum Inc. |
| Alaska Policy Forum | Cyr Drilling USA Inc. | Madison Lumber & Hardware Inc. | SKAPS Industries |
| Alaska Remote Imaging | Dawson City Chamber of Commerce | Mascott Equipment | SLR International Corporation |
| Alaska Resource Education | Delta Industrial Services Inc. | Matanuska Telecom Association | SMS Equipment Inc. |
| Alaska Rock Products Association | Denali Industrial Supply | Matson | Society For Mining, Metallurgy & Exploration |
| Alaska Roteq | Desert Air Alaska | MDF Global | Soloy Helicopters LLC |
| Alaska Steel Co. | DGI Geoscience | MFCP | Solvest, Inc. |
| Alaska Trucking Association | Dorado Drilling Ltd. | Mitsubishi Materials USA Corp | Sophie Station Suites - Fountainhead Hotels |
| Alpha Aviation LLC | Dorsey & Whitney LLP | Modern Machinery | Southeast Conference |
| American Exploration & Mining Association | DXP Alaska Pump & Supply | Montana Mining Association | SRK Consulting |
| Anchorage Chamber of Commerce | Eastern Oregon Mining Association | Motion Industries | Stantec Consulting Inc. |
| Anchorage Sand & Gravel Inc. | Energy Laboratories Inc. | MSI Communications | State Fire |
| Arcticom LLC, a BSNC Company | Equipment Source, Inc. | Mueller Electric Div II | Stoel Rives LLP |
| ARG Industrial | Equity Exploration Consultants Ltd. | N C Machinery | Sullivan Water Wells |
| Arizona Mining Association | ESS Support Services Worldwide | National Mining Association | T & J Enterprises Inc. |
| Aspen Hotels of Alaska | Everts Air Cargo | Nevada Mining Association | TDM Drilling LLC |
| Associated General Contractors of Alaska | Fairbanks Economic Development Corporation | New Mexico Mining Association | Temsco Helicopters Inc. |
| Association for Mineral Exploration British Columbia | Fairweather LLC | North Star Terminal & Stevedore Co. LLC | The Alliance |
| Aurora Geosciences (Alaska) Ltd. | Far North Supply | Northern Air Cargo | The Silver Institute |
| Automatic Welding & Supply | Ferguson Industrial | Northern Industrial Training, LLC (Anchorage) | Thermo-Tech, Inc. |
| AVTEC - Alaska Vocational Technical Center | First Things First Alaska Foundation | Northern Permafrost Consulting | Thyssen Mining Inc. |
| Backcountry EMS | Frontier Supply Company | Northern Sonic Alaska, Inc. | TOTE LLC |
| Barr Engineering Co. | GBA Assaying & Refining | Northrim Bank, NA | Tyler Rental Inc. |
| BDO USA | General Refining Corporation | Northwest Mine Supply | Tyree Oil |
| Beacon Occupational Health and Safety Services Inc. | Global External | Northwest Pump | Ucore Rare Metals Inc. |
| Belzona Technology Northwest | GMS Mine Repair | Northwest Territories & Nunavut Chamber of Mines | University Redi-Mix |
| Big Ray's Alaska Inc. | Graymont | P & C Recruiting and H.R. | Utah Mining Association |
| Bobcat of Juneau | Great Northwest Inc. | Pacific Rim Chemicals | Valdez Creek Mining |
| | Greater Fairbanks Chamber of Commerce | Pathfinder Aviation, LLC | VEGA Americas |
| | Greenstone Station Inc | Perkins Coie LLP | Visit Anchorage |
| | HDR | Petro Marine Services | Weir Minerals |
| | Horst Expediting & Remote Operations Inc. | Piton Exploration LLC | Wells Fargo Bank Alaska |
| | Hy-Tech Drilling USA Inc. | Prospectors & Developers Association of Canada | Women's Mining Coalition |
| | | | WSP USA Inc. |
| | | | Wyoming Mining Association |
| | | | Yukon Chamber of Mines |
| | | | Zonge International Inc |

New and Renewing Members

Thank you to all the AMA corporate and individual members who joined or renewed their membership to the association in July. You make AMA possible!

Corporations

Alaska Drilling and Completions
 Alaska Industrial Hardware Inc
 Alaska Minerals Inc.
 Alaska Steel Co.
 Alpha Aviation LLC
 Belzona Technology Northwest
 Construction Machinery Industrial LLC
 Desert Air Alaska
 Donlin Gold LLC
 Doyon, Ltd
 Kuna Engineering
 Northern Sonic Alaska, Inc.
 Northern Star Resources - Pogo Mine

Northwest Mine Supply
 P & C Recruiting and H.R.
 Pathfinder Aviation, LLC
 Redpath USA Corporation
 RESPEC
 Sandvik
 SLR International Corporation
 Solvest, Inc.
 SRK Consulting
 Sundance Mining Group
 TDM Drilling LLC
 Thermo-Tech, Inc.
 Tower Hill Mines Inc. - Livengood Project
 Tyree Oil

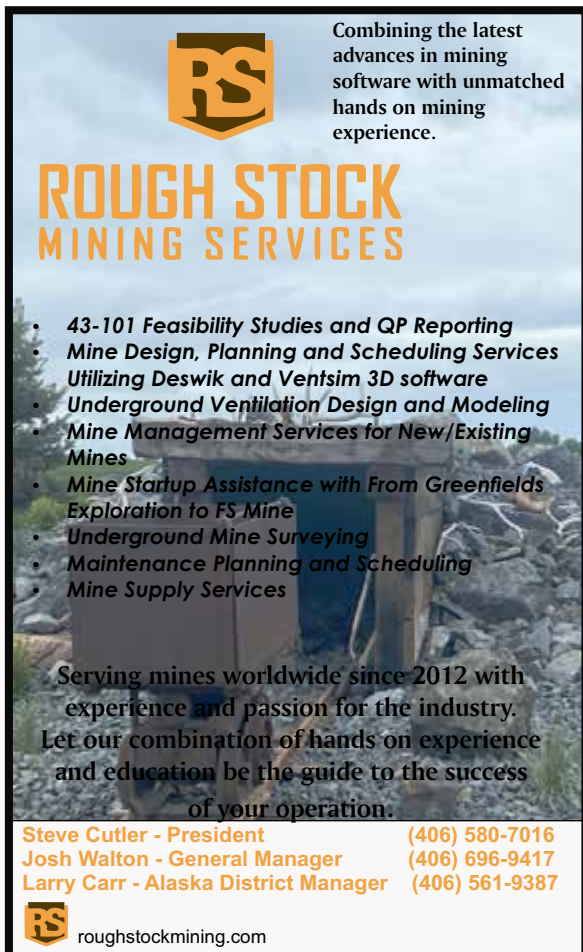
United States Antimony Corporation
 Western Alaska Minerals

Operators

Kim & Kirsty Ferguson
 Sam & Roberta Koppenberg
 Sam Maxwell
 Cary Williams Jr

Professionals

James Barker
 Yvan Corbin
 Darla Jemewauk
 Stephen Moss
 Beverley O'Malley



RS
ROUGH STOCK MINING SERVICES

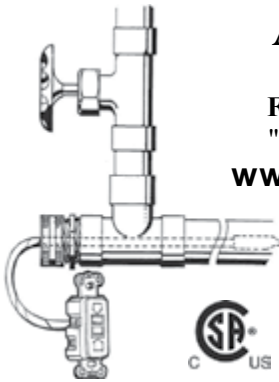
Combining the latest advances in mining software with unmatched hands on mining experience.

- 43-101 Feasibility Studies and QP Reporting
- Mine Design, Planning and Scheduling Services Utilizing Deswik and Ventsim 3D software
- Underground Ventilation Design and Modeling
- Mine Management Services for New/Existing Mines
- Mine Startup Assistance with From Greenfields Exploration to FS Mine
- Underground Mine Surveying
- Maintenance Planning and Scheduling
- Mine Supply Services

Serving mines worldwide since 2012 with experience and passion for the industry. Let our combination of hands on experience and education be the guide to the success of your operation.

Steve Cutler - President (406) 580-7016
 Josh Walton - General Manager (406) 696-9417
 Larry Carr - Alaska District Manager (406) 561-9387

RS roughstockmining.com



Arctic Trace®
 Submersible Heat Trace Freeze Protection System
 "Inside the Pipe or Vessel"
www.arctictrace.com
(907) 522-3004

Applications:

- Monitoring Wells
- Commercial Water Line
- Deep Well Tracing
- Gutter & Drain
- Waste & Vent
- Septic Tank & Sewer Outfall

Global mining consultants tackling the **now** and the **next**.

wsp.com/mining **wsp**

Skyler Pester
Mark Robinson
Brent Sheets
J P & Valerie Tangen
Heidi Tillquist

Individuals

Eli Angel
Keith Arens
Eric Ball
Joe Bardswich
Lee Beasley
Nicholas J Begich
Charles Bempong
Joey Benetka
Carl Benson
Mark Berger
Vernon Chimegalrea
Karen H & Steve Clautice
Devon Coquillard
Jim Coxon
Kirk Currey
Samuel Dashevsky
Steven Dixon
Clayton Dunn
Michael Eckert
Edward M Edson
Michael el-Khoury
Alice Ellingson
Matt Emerson
Liam Ferguson
Enrique Fernandez
Robert Fithian
Timothy Flynn
R L Foster
Kevin Fox
Chad D Gerondale
Ken L Gerondale Jr.
Wade L Gies
Delaney Gill
Darla Gillen
Russell Gossett
Nicholas Gray
Stephan Hansen
Matthew Hanson
Jerald & Beverly Harmon

Debra & Doyle Holmes
Eric Holst
Nikolai Ivanoff
Michael O'Brien & Sarah Jones
Cassandra Joos
Bernie Karl
Benjamin Kernan
Catherine Kim
Stefan Krogseng
Lisa Lakey
Ann Lambert
Jeff Lapp
Colleen Laroux
Paul Larson
Ben Machlis
Wendie MacNaughton
Jaenell Manchester
Mike Mark-Anthony
Kit & Joan Marrs
John Morgan
Bob Morrell
Charlene R Morrison
Jason Morrison
Kathryn Muhs
Michael Murenbeeld
Matt Narus
Michael Neely
Sam Nethery
Daniel Neuffer
Joshua OBrien
John & Agnes Odden
Kenna O'Neill
Alvin Ott
Eddie Packee
James F Park
Rogan Parker
Brandy Pennington
Ron L Pichler
Skyler Plonta
Ben Power
Leigh Prestwick
Olga Prestwick
Ron Rosander
Luke Rubalcava
Jason Seidell

Karl Sharp
Sidney Smith
Michael Smith Jr.
Richard & Cherie Solie Jr
Richard Stickle
Stephen "Steve" Stoney
indie Talbot
Laura Timm
Stuart Tracy
Fred Transburg
James D Troxell
Keith Tryck
Arkadius Turolski
Dan Twitchell
Trent Tyree
Alec Venechuk
Max Vietmeier
Patrick Wieck
Rebecca Wilmarth
Clint Winzenburg
Michael Zach
Rhonda Zuraff

Not yet a member of the Alaska Miners Association? Or have not yet renewed your membership? Renew today so you don't miss a single issue of The Alaska Miner or the 2024 Alaska Miners Handbook and Service Directory, available only to AMA members. Call or email Jennifer Luiten, Membership and Fundraising Director at 907-270-9232; jennifer@AlaskaMiners.org.



*Advancing a
High-Grade Resource
and District-Scale
Discoveries*

COPPER | ZINC | SILVER | GOLD

907-766-2057
constantinemining.com

Alaska Mining Calendar

- **Dec. 6:** National Miners Day
- **Jan. 20-23, 2025:** AME-BC Roundup, Alaska Night Wednesday Jan. 22
- **Feb. 25,** Juneau
- **Feb. 25,** Mining Forum
- **Feb. 25,** Legislative Reception with AMA, AGC, and Alaska Trucking Association, Juneau


Statewide Zoom Meetings

- Fall 2024:**
 - December 13
 - Beginning 2025: every two weeks, so**
 - January 17
 - January 31
 - February 14
 - February 28
 - March 14
 - March 28
 - April 11
 - April 25
 - May 9
- See all details at the AMA website!

In-Person Branch Meetings

- Your branches are starting up again for the fall! You will receive emailed notices, and schedules will be posted on the AMA website under Branch Meetings.

ALASKA EARTH SCIENCES
Comprehensive Geologic Services



Dedicated to responsible development of Alaska's resources.

- ◆ Geologic Consulting
- ◆ Geologic Staffing
- ◆ Geologic Engineering
- ◆ Reporting (including 43-101)
- ◆ Logistics/ Operation Coordination
- ◆ Remote Site Management
- ◆ GIS Services
- ◆ Permitting Assistance
- ◆ Claim Staking
- ◆ Equipment Rental

12100 Industry Way Unit P-9, Anchorage, AK
www.alaskaearthsciences.com
 907-522-4664

FOUNDEX

Global Drilling Solutions

www.Foundex.com

- Geotechnical Site Investigation
- Offshore Drilling Specialists
- Gravel, Placer Exploration
- Large Diameter Bulk Sampling
- Grouting, Anchoring & Piling
- 3" to 24" Water Wells
- Ground Improvement
- Wireline Coring NQ3 to PQ3
- Wireline CPT & Vane Testing
- In-Situ Testing & Instruments
- Heli-portable Drilling Systems
- Sonic Capability

Anchorage, Alaska
 Ph: (907) 522-8263
HGrey@Foundex.com

Abbotsford BC Canada
 Ph: (604) 594-8333





— JUNEAU, ALASKA —
AVAILABLE STATEWIDE

✓ CONSTRUCTION ✓ EXPLORATION
✓ CONTRACT ✓ SUPPORT ✓ CHARTER

operations@coastalhelicopters.com
907-789-5600
www.coastalhelicopters.com







Oxford  Assaying &
Refining Corp.

"The Precious Metals People"

**GET
THE
MOST
FOR
YOUR
GOLD!**

www.oxfordmetals.com

1.907.561.5237



CROWLEY FUELS ALASKA

With terminals and delivery services spanning the state, and a full range of quality fuels, Crowley is the trusted fuel partner to carry Alaska's resource development industry forward.

CrowleyFuels.com/Alaska



Diesel | Gasoline | Lubricants
Propane | Heating Fuel
Aviation Fuels

