

## 2024 AMA Convention Program

### Critical Mining for these Critical Times

#### Track 1 - Technical

Talk #	Time	Speaker	Company / Affiliation	Title
<b>Tuesday, November 5</b>				
<b>Session 1 - Tuesday morning, Nov. 5 - Geoscience Investigations; Doug Kreiner, USGS, Chair</b>				
1	8:00	Sean Regen	University of Alaska, Fairbanks	Multi-scale structural and petrochronologic applications to better refine mechanism and timing of mineral systems, Alaska
2	8:30	Marisa Acosta	University of Alaska, Fairbanks	Bi mechanisms of Au enrichment in hydrothermal ore deposits
2	9:00	Lee Ann Monk	University of Alaska, Fairbanks Geophysical Institute	UAF Alaska Critical Mineral Collaborative
	9:05	<b>Coffee Break</b>		
3	10:00	George Case	US Geological Survey	Updates on the resource assessment of orogenic graphite mineral systems on the Seward Peninsula, Alaska
4	10:30	Rob McDermott	US Geological Survey	Exhumation and thermal history of the Pogo Au deposit and Goodpaster district, eastern AK
5	11:00	Wes Buchanan	Alaska Division of Geological and Geophysical Surveys	DGGS Earth MRI geologic mapping and geophysics program update
<b>Session 2 - Tuesday afternoon, Nov. 5 - Exploration Project Highlights; Varina Zinno, Calista Corp, Chair</b>				
1	2:00	Kurt Johnson	Alaska Geologic Materials Center, ADGGS	A Hyper-spectacular Occurrence with Fall to Earth
2	2:20	Brendan McCrum	Cook Inlet Regional, Inc. (CIRI)	Cook Inlet Regional, Inc. (CIRI) Farewell Mineral Exploration
3	2:40	Matthew Hanson	Doyon Ltd	Filling in the Blanks: In-region Exploration for Doyon Limited
	3:00	<b>Coffee Break</b>		
4	4:00	David Hedderly-Smith	D.A. Hedderly-Smith & Associates	Thermal (Long-wave) InfraRed Remote Sensing for Porphyry Exploration at the Oreo Mountain Cu-Mo-Ag-Au Prospect, East-Central Alaska
5	4:20	Karsten Eden	Trust Land Office	Mineral Exploration on Alaska Mental Health Trust Land conducted by the Trust Land Office
<b>Wednesday, November 6</b>				
<b>Session 3 - Wednesday morning, Nov. 6 - Climate Change in the Last frontier: forecasts and what it means, Cal Craig, Ambler</b>				
1	8:30	Jeremy Littell	US Geological Survey	Alaska climate futures: projections and potential impacts
2	9:00	Robin McKillop	SLR Consulting	Cost-effective Strategy for Investigating Permafrost at Remote, Northern Mine Sites
	9:30	<b>Coffee Break</b>		
3	10:30	Michael Carey	US Geological Survey	The Rusting of Arctic Rivers: Assessing metal seeps from thawing permafrost in aquatic ecosystems
4	11:00	Rick Van Nieuwenhuysse	Contango Ore	Critical Metals and their role in the green energy, transportation and AI driven future
<b>Session 4 - Wednesday afternoon, Nov. 6 - Alaska Advanced Exploration Projects; Dave Szumigala, ADGGS, Chair</b>				
1	2:00	Dave Larimer, Nathan Steeves	Contango Ore	Building Alaska's Next Gold Mine – Update on Contango Ore Johnson Tract Project
2	2:30	Logan Boyce	U.S GoldMining	The Whistler Gold-Copper Exploration Project - The Road to Rediscovery
3	3:00	Chris Gerteisen	Nova Minerals	Update on the Estelle project
	3:30	<b>Coffee Break</b>		
4	4:00	Sage Langston-Stewart	Western Alaska Minerals	The Illinois Creek Project: A New Discovery in an Emerging CRD District
5	4:30	Kirsten Fristad	Graphite One	Graphite Creek – Technical Advances
<b>Thursday, November 7</b>				
<b>Session 5 - Thursday morning, Nov. 7 - Mines and Advanced Projects, Michael Eckert, Northern Star Resources, Chair</b>				
1	8:30	Jennifer Stoutamore	Hecla Greens Creek Mining Co	Concentrate! Lessons from Cleanup Around a Cons Storage Building
2	9:00	Shane Bonanno	Hecla Greens Creek Mining Co	Minimizing sampling errors and analysis of duplicate samples at Greens Creek underground silver mine
	9:30	<b>Coffee Break</b>		
3	10:30	Robert Fithian	Sundance Mining Group	Dawson Mine Update, Mining of Low Angle Vein Systems, and Planned Gravity Recovery Enhancements
4	11:00	Emilien Charbonneau	Coeur Alaska Kensington Mine	Up-Hill Mining Backfill Challenges: When Gravity Is Not On Your Side
<b>Session 5 - Thursday afternoon, Nov. 7 - Mines and Advanced Projects; Bill Kloth, Hecla Greens Creek Mining Co, Chair</b>				
5	2:00	Meadow Riedel	Kinross Alaska	Manh Choh: A Legacy of Sustainable Progress in Interior Alaska
6	2:30	Ethan Trickey	Usibelli Coal Mine	The Next 81 Years
	3:00	<b>Coffee Break</b>		
7	3:30	Paul Hohbach	Northern Star Resources Ltd	Pogo Project, Alaska: "Geology and New Gold Discovery"
8	4:00	Michael Eckert	Northern Star Resources Ltd	Pogo Optimization and Successes: 2024 Operational Update