



MINING MATTERS

Mining...It's Essential For Your Life

**AMA Annual Meeting & Golf Tournament
SPADE AWARD WINNER**



December 2023

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BOARD OF DIRECTORS:

Vice-President of the Board



James Stewart
ASARCO, LLC

Founding Member



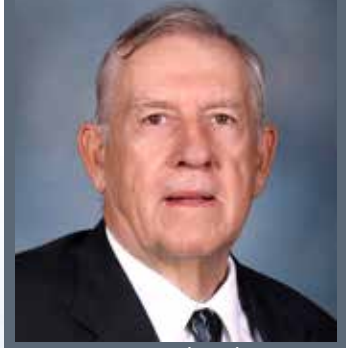
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ICT Industrial LLC

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Luke Narducci
Snell & Wilmer

Treasurer of the Board



Dan Johnson
Arizona Sonoran Copper Company



MISSION STATEMENT:

To be the primary advocate of the Arizona mining industry through: promoting sound public policy at all levels of government; educating the public about the benefits of mining; and supporting the sustainability of a safe and responsible mining industry.



Message From The Chairman:

What Will 2024 Bring to the Arizona Mining Industry?

It's hard to believe that we are nearly a quarter of the way through the 21st Century. A lot has happened in the mining industry since the year 2000 was welcomed across the world. The importance of mining to the world's economy has never been more evident as populations grow across the globe. Here at home, whether it is construction to supply the transition to a greener economy, the building of new homes throughout the state, or the development of massive new chip manufacturers, Arizona is truly a microcosm of the world's continued need for basic materials such as copper, aggregates, lead, zinc, nickel, lithium and all the other products produced by the members of this Association.

In this past year, the AMA's Communications Committee launched a series of advertisements in Arizona's sports arenas that compared viewing and enjoying the sport, with and without mining. The vast contrast of what a sports venue would look like, with and without mining, demonstrates how mining alone has advanced society and, as we know, society is never complacent. The desires of the world's population to continue to improve standards of living, standards of health care, standards of environmental improvement, will fuel the need for more and more resources that our industry provides. As I understand the purpose of the Communications Committee's advertisements,

it was twofold; first to demonstrate to those in attendance the impact of mining on the standards of living; and second, to educate the viewers of the advertisements that buildings and structures, devices and transportation, don't just spring up out of the ground. Basic needed materials are mined from the ground and formed to create use and enjoyment of populations present and future.



Francis McAllister
Freeport-McMoRan
AMA Chairman of the Board

Education will need to be a major focal point for the Association as we move forward into the next 25 years of the 21st Century. If we do not focus on educating the world's population of the importance of mining now, others will tell our story. We have a great story to tell, and we have the resources now to focus on telling that story. As we move forward, each AMA committee should continue to do the excellent job of furthering the work in their respective field, but should also work with Stephanie, our Education Expert, to look for ways to further the education of mining to the public.

Thank you all for all the great work over the past year, and I look forward to working with each of you in 2024.

2023 AMA ORGANIZATION CHART

AMA BOARD OF DIRECTORS



2023 AMA Committee Meeting Schedule

Committee or Subcommittee	Chair	Company	Meets On	Time
*Air Quality Sub Chair	Kami Ballard	Resolution Copper	Meets 3rd Friday - Monthly	10am - 12pm
Air Quality Sub Vice-Chair	Amanda Reeve	Snell & Wilmer		
**Biodiversity Sub Chair	Robin Barnes	Hudbay Minerals	Meets 2nd Tuesday - Monthly	10am - 11:30am
Biodiversity Sub Vice-Chair	David Cerasale	WestLand Resources		
Communications/Education Chair	Jerry Bustamante	Hudbay Minerals	Meets 2nd Wednesday - Monthly	11am - 12:30pm
Communications/Education Vice-Chair	Sophie Dessart	Florence Copper		
^Education Sub Chair	Whitney Lennon	ASARCO LLC-Grupo Mexico	Meets 2nd Wednesday - Monthly	9:30am - 10:30am
Education Sub Vice-Chair	Jamie Ramsey	Capstone Copper-PVM		
Environment Chair	Ned Hall	Freeport McMoRan	Meets as needed	Varies
Environment Vice-Chair	Scott Thomas	Fennemore Craig		
Government Affairs Chair	Rebecca Hudson-Nunez	Freeport McMoRan	Meets every Monday while in Legislative Session	9:30am - 10:30am
Government Affairs Vice-Chair	Jeremy Browning	GovGroup LLC		
Lands Chair	Travis Snider	Arizona Sonoran Copper	Meets 2nd Tuesday - Monthly	12pm - 2pm
Lands Vice-Chair	Bob Linsell	Granite Construction		
AMA Joint Safety Co-Chair	Tyler Vincent (AMA)	Capstone Copper-PVM	Meets 3rd Thursday - Monthly	9:30am - 10:30am
ARPA Joint Safety Co-Chair	Patrick Martinez (ARPA)	CalPortland		
ARPA Joint Safety Vice-Chair	Maurio Juarique (ARPA)	Cemex		
*Solid Waste Sub	Austin Jones	Freeport McMoRan	Meets as needed	
Suppliers Chair	Ernie Smith	ICT Industrial	Meets 4th Wednesday - Monthly	11am - 1pm
Suppliers Vice-Chair	Jim Norine	Ausenco		
Tax Taskforce (AD HOC)	Varies	Open Position	Meets as needed	Varies
Water Policy (AD HOC)	Karlene Martorana	Resolution Copper	Meets as needed	Varies
Water Policy Vice-Chair	Fred Breedlove (TBA)	Freeport McMoRan		
*Water Quality Sub Chair	William Hart	Freeport McMoRan	Meets 3rd Wednesday - Monthly	10am - 12pm
Water Quality Sub Vice-Chair	Lee Decker	Gallagher & Kennedy		

* These Subcommittees overseen by Environment Committee

**This Subcommittee overseen by Lands Committee

^ This Subcommittees overseen by the Communications Committee

Meeting dates are subject to change based on availability of the chairs and agenda items

Join AMA on Social Media!

Facebook: www.facebook.com/azmining

Twitter: <https://twitter.com/azmining>

Instagram: www.instagram.com/azminingassociation

LinkedIn: www.linkedin.com/company/azmining

Like and follow AMA and we will like and follow your company in return!





SAFETY SHARE

CRITICAL ITEM CHECKLIST FOR MINE EMERGENCIES

This Checklist for Mine Emergencies was developed by a team composed of members from Technical Support, Coal Mine Safety and Health, and Metal and Nonmetal Safety and Health. Since it was developed, it has been improved by incorporating the needs based on additional mine emergency experiences.



A. NOTIFICATION

- Activate Notification Procedures for Emergency Contacts
- Notify Key Mine Officials
- Notify MSHA Officials
- Notify State Officials
- Notify Labor Organization Officials
- Notify Police
- Notify Fire/Rescue Organizations
- Notify Neighboring Mines
- Notify Family Members
- Notify Medical Support Personnel



B. SHUTDOWN OPERATION

- Assemble Employees
- Debrief Witnesses
- Account for All Persons Known to Be at the Mine
- Assign Employees to Tasks



C. SECURITY AND SITE MONITORING

- Establish Security - All Access Roads
- Establish Check-in/Check-out System for All Authorized Persons
- Assign Site Monitors and Shift Rotation Schedule
- Establish Parking Area and Staging Area



D. COMMAND CENTER

- Follow Mine Emergency Plan
- Setup a Mine Emergency Command System
- Staff Emergency Organization
- Delegate Authority and Assign Duties
- Give Appropriate Orders
- Brief Arriving Personnel

- Review all Mine Maps and Coordinate Reference Points on all Maps
- Make Extra Copies of Maps
- Establish Gas Monitoring, Data Analysis, and Trend Analysis
- Follow Appropriate Safety Precautions
- Request/Dispatch Additional Persons to Mine as Required
- Take Appropriate Actions Relative to Site Recovery
- Establish a Shift Rotation Schedule for Command Personnel



E. COMMUNICATIONS

- Relay Information to the Command Center
- Establish External Communications (Corporate, MSHA, State, Miner's Representatives, Medical, Legal, Etc.)
- Monitor and Log All Communications



F. MEDICAL ARRANGEMENTS

- Arrange for Ambulance and Medical Services
- Setup Temporary Morgue (if required)



G. ACQUISITION OF EQUIPMENT, MATERIALS, AND SERVICES

- List All Equipment in the Mine and on the Surface
- Locate and Check Onsite Equipment for Possible Use
- Arrange for Heavy Equipment if Required
- Arrange for Portable Radios
- Provide Transportation for Equipment
- Obtain Personal Protective Equipment
- Establish Waiting and Briefing Area for Family/Relatives (Provide Food and Sitting/Sleeping Area)
- Establish Press Briefing Area



H. INFORMATION

- Appoint a Spokesperson for All Entities.
- Brief Family Members on a Regular Schedule.
- Brief the Press and Media on a Regular Schedule

For a printout of this list, please visit:

<https://bit.ly/3NeZCw1>

(Courtesy of Mine Safety & Health Administration)

The AMA Welcomes

Our Newest Members

EXPLORATION MINING:

Faraday Copper – Faraday Copper is a Canadian exploration company focused on advancing its flagship copper project in Arizona, U.S. The Copper Creek project is one of the largest undeveloped copper projects in North America with open pit and bulk underground mining potential. The Company is well-funded to deliver on its key milestones and benefits from a management team and board of directors with senior mining company experience and expertise. Faraday trades on the TSX under the symbol “FDY”.

CONSULTANTS:

Worley Group – We want our people to be energized and empowered to drive sustainable impact. So, our focus is on a values-inspired culture that unlocks brilliance through belonging, connection, and innovation. We’re building a diverse, inclusive and respectful workplace. And continuing to embed a workplace culture where everyone feels they belong, is safe to be themselves, and their voices are heard.

GEI Consultants – Driven by a culture of collaboration and entrepreneurial spirit, GEI engineers and scientists partner with clients to improve communities, infrastructure, and the environment. We leverage the best talent in the industry to move you forward.

SUPPLIERS:

SVL Analytical, Inc. – SVL is an environmental laboratory supporting mine sites at all stages of the permit process and mine cycle. SVL specializes in mine tails characterization. We provide legally defensible analytical data to support continuous monitoring and closure activities.

IEC Supply – IEC Supply is the leading source for advanced automation and control solutions in the Southwest. We provide complete solutions that help you design, build, and implement the automation technology you need to succeed in the industrial market. When you partner with IEC Supply, you get a

team of automation experts dedicated to delivering your technology and automation needs to the highest industry standards.

Waste Connections – Waste Connections is an industry leader in waste management services throughout the U.S. and Canada. From serving the business owners in our communities to construction workers on the job site, we are committed to providing sustainable waste management solutions that you can rely on to make your life easier – no matter your unique needs!

Crow Industries – We conduct aerial and ground surveys to generate 2D and 3D maps of topography, visual, infrared, and subsurface to help with exploration campaigns, development activities, site monitoring, and assessments. We are currently building a suite of additional services to include data analytics and autonomous operations.

Arizona Welding Supply – Industrial, medical, laboratory & specialty gases. Welding supplies, welding equipment. Abrasives Safety Glasses, electronic welding helmets, passive welding helmets, fiber metal & jackson hard hats. Tillman & Revco welding gloves Victor Torches, Tweco Products, Full welding equipment & torch and regulator repair shop.

Skyline Assayers & Laboratories – Skyline Assayers & Laboratories offers analytical services for Exploration Mining projects in the Southwest USA and Northern Mexico (Sonora and Chihuahua). We have vast experience, and we provide Custom trace analyses and standard assays for ores, rocks, soils, sediments, and natural waters. Our services include Classical Fire Assay (Gravimetric, Atomic Absorption, or ICP-OES finish), Instrumental and Wet Chemical Analysis (AA, ICP-OES, ICP-MS), Volumetric and Gravimetric Assay, and Enzyme Leach VI. .

Minero Trucking – Minero Trucking is a high-quality carrier specializing in the safe transportation of Hazardous & Non-Hazardous Liquid and Dry Bulk Commodities utilizing a variety of trailers including but not limited to Pneumatic Tankers, End Dump Trailers, and Liquid Bulk Tankers.

Tech-Flow – We are distributors for premier lines of pumps, valves and process equipment, serving the minerals, industrial and municipal markets with quality products, technical expertise and unsurpassed service.

Tricon Wear Solutions – Since 1986, Tricon Wear Solutions has become one of the world's leading suppliers of custom fabrication, custom processing, proprietary abrasion-resistant plate materials and specialty steels. From Mining, Pulp and Paper, Aggregate, and Steel mills, we are determined to continue providing comprehensive wear products and solutions to a wide range of industries.

Tipple Consulting – Tipple Consulting is a specialized air quality consulting firm with a strong emphasis on serving the mining industry, rooted in more than a decade of experience. We have contributed to both large-scale and small-scale mining projects. Our services include emission inventories, atmospheric dispersion modeling, regulatory compliance, and greenhouse gas evaluation and mitigation. We set ourselves apart with our uncompromising commitment to integrity, open communication, and timely delivery. By staying ahead of ever-evolving air quality regulations, Tipple Consulting offers mining companies effective, up-to-date solutions for all their air quality needs.

Aggreko – Aggreko is a world-leading provider of mobile modular power, temperature control and energy services. Operating in a rapidly changing energy market, our priority is to support our customers through the energy transition by providing cost-effective and flexible answers to the simple or complex challenges our customers face.

Goodfellow Corporation – Goodfellow Corporation is a leading supplier/manufacturer in the Mining and Aggregate markets across five states. As an overview we supply crushing, screening and conveying equipment. Goodfellow has the ability to engineer/manufacture custom fabricated conveying and crushing equipment. Material processing capabilities at our Arizona facility include: CNC plasma cutting, shear and punch station, CNC press brake, drill stations and mill and lathe. We also have an extensive parts warehouse network with multi-millions of dollars worth inventory to support most manufacturers.

FTE Drilling USA – At FTE Drilling we are known for our quality work in many types of drilling, our speed of response and our safe and environmentally friendly work environments. We are committed to making the unique expertise of our specialists and our diversified fleet of equipment available to contribute to the profitability of our clients' projects.

Komatsu Mining – For the last century, the companies that power society and develop the world's infrastructure have relied on Komatsu to empower them. Through manufacturing, technology and service innovation with a reputation for dantotsu quality, reliability, insights and support, we work as partners to create lasting value for your business.

MISCO Water – MISCO Water is the leading Manufacturers' Representative of process equipment for Water, Washwater, and Industrial treatment in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Texas, Utah, and Wyoming. We specialize in providing reliable, proven, innovative and life cycle cost-effective solutions for municipal wastewater treatment and municipal water treatment. We represent over 50 Companies that provide quality process equipment.

Pilot Thomas Logistics – Pilot Thomas Logistics provides customized commercial and industrial fuel and lubricant solutions with the added guarantee of a 24/7 customer service and sales team. We're able to solve your problems, however large or complex.

Petro-Canada America Lubricants – We take a comprehensive view of our customers' operational and enterprise needs and provide unparalleled access to our technical expertise and industry knowledge to make their business better and their lives easier.

N.A. Degerstrom – N.A. Degerstrom, Inc. (NAD) has served the mining and construction industry since 1904. Headquartered in Spokane, Washington, the company got its start in railroad construction throughout the western United States. Since the beginning, NAD has been known for flexibility and creativity in severe conditions—the ability to solve challenges and get the job done right. Even as its services have grown and expanded over the past century, N.A. Degerstrom, Inc. has remained true to these basic values.

MP Environmental Services, Inc. – It is the mission of MP Environmental Services, Inc. to be the premier supplier of environmental management services and to exceed the expectations of our customers, employees, the environment and the community by applying the safest and most cost-effective solutions available today while working on better solutions for tomorrow..

ABB Inc. – ABB is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. The company's solutions connect engineering know-how and software to optimize how things are manufactured, moved, powered and operated. Building on more than 140 years of excellence, ABB's 105,000 employees are committed to driving innovations that accelerate industrial transformation.

HEICO Fasteners Inc. – We are a supplier of solutions for critical bolted connections often found in the mining industry. We supply our HEICO-LOCK wedge locking systems through distributors as well as our HEICO-TEC tension nuts direct to OEMs and end users. In addition, we offer engineering and technical support.

AMA COMMITTEE & SUBCOMMITTEE SUCCESSES & GOALS

The AMA Committee and Subcommittees put together their 2023 Successes and their 2024 Goals for the new year. They were presented at the AMA Annual Meeting on Wednesday, November 2nd at the Starr Pass Marriott Resort & Spa in Tucson.

Below is a recap of all committees and subcommittees that presented.



AIR QUALITY SUBCOMMITTEE 2023 SUCCESSES

Chair, Kami Ballard, Ivanhoe Electric. Vice-Chair, Amanda Reeve, Snell & Wilmer

- Submitted comments to USEPA regarding its Proposed Rule on Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR): Reconsideration of Fugitive Emissions.
- Submitted comments to USEPA regarding its Proposed Rule on Reconsideration of the National Ambient Air Quality Standards (NAAQS) for Particulate Matter.
- Engaged in stakeholder meetings with ADEQ on the Title V - Voluntary Air Permits Rulemaking.
- Engaged with ADEQ on the Regional Haze Implementation Plan Revision and Rulemaking.
- Reviewed revisions to the Air Emissions Reporting Requirements proposed rule and currently collaborating with NMA on potential comments.

AIR QUALITY SUBCOMMITTEE 2024 GOALS

- Continue monitoring the USEPA Good Neighbor Plan for 2015 Ozone NAAQS and potential implications to Arizona.
- Continue monitoring the CEQ NEPA GHG/Climate Change Guidance and potential implications to mining operations in Arizona.
- Continue to engage with ADEQ on the Regional Haze Implementation Plan Revision and Rulemaking.
- Continue to engage with ADEQ on Voluntary Air Permits Rulemaking and prepare and provide comments
- Monitor and engage as necessary on USEPA NAAQS Rulemaking for Ozone and PM2.5.
- Monitor Pollution Reduction Grant Funding and facilitate a meeting with the Governor's Office of Resiliency to help shape the plan.



Kami Ballard

BIODIVERSITY SUBCOMMITTEE 2023 SUCCESSES

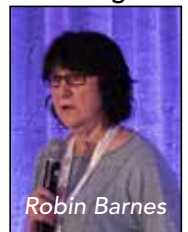
Chair, Robin Barnes, Hudbay Minerals. Vice-Chair, David Cerasale, WestLand Resources

- Continued development of relationship with AZ Game & Fish. Two (2) meetings between AMA and AZGFD to answer questions and work with them on strategies for the Cactus Ferruginous Owl surveys in Mexico.

- Monitored and issued comment letters, as needed, for various issues including the following:
 - * USFWS Mitigation Policy and ESA Compensatory Mitigation Policy
 - * USFWS revision to Section 4 of the ESA – Endangered and Threatened Wildlife and Plants, Listing Endangered and Threatened Species and Designating Critical Habitat.
 - * USFWS decision to relist the Cactus Ferruginous Owl as a threatened species under ESA.
- Presentation on the outcome of the CBD vs USFWS Jaguar case.

BIODIVERSITY SUBCOMMITTEE 2024 GOALS

- Continue to work on relationship with AZGFD and develop a more positive relationship with USFWS, ASLD, BLM, other agencies and NGO's
- Continue to monitor revisions to various rules and regulations and listing decisions including but not limited to the following:
 - * ESA changes such as Section 7, 4(d), and 10 rule making changes
 - * Migratory Bird Treaty Act definition of "take"
 - * Bald & Golden Eagle Act "incidental take"
 - * Critical habitat for Cactus Ferruginous Owl and Sonoran Desert Tortoise
 - * Gila Chub and other species under ESA listing
 - * USFWS interpretation of Jaguar Habitat – 9th Circuit decision
 - * USFWS Final rules for Compensation Mitigation Policy and Mitigation Policy
- AZGFD Arizona Wildlife Conservation Strategy and Statewide Action Plan.



Robin Barnes

COMMUNICATIONS COMMITTEE 2023 SUCCESSES

Chair, Jerry Bustamante, Hudbay Minerals. Vice-Chair, Sophie Dessart, Florence Copper

- Executed social media strategy to increase engagement and following
- Collaborated with local, state, and national media to promote positive industry coverage
- Placed Arizona Mining Association ads with statewide sports teams

COMMUNICATIONS COMMITTEE 2024 GOALS

- Finalize AMA branding exercise
- Complete website redesign
- Update Hard Rock Mining Facts booklet, including community giving statistics
- Grow audience across all platforms



Mining Reforms Aimed at Protecting and Empowering Tribal Communities discussion Tonto National Forest Management Plan

LANDS COMMITTEE 2024 GOALS

- Continue working with Arizona State Land Department on their Process Improvements
- Continue to Monitor Federal Land Mineral Withdrawals
- Support Arizona Board of Regents Tailings Grant Project with the University of Arizona
- Support Abandoned Mine Land Characterization Project
- Support Federal Good Samaritan Legislation



EDUCATION SUBCOMMITTEE 2023 SUCCESSES

Chair, Whitney Lennon, ASARCO LLC Grupo Mexico. Vice-Chair, Jamie Ramsey, Capstone Copper

- Education Subcommittee reboot midyear
- Planning sessions – Mining Companies, Contractors, UA, AZ Mine Inspector
- Identified challenges, opportunities, target audiences, existing resources
- Presentations and key learnings from Education Program Director
- Collected existing programs available – no need to reinvent!

EDUCATION SUBCOMMITTEE 2024 GOALS

- Mining Curriculum and Career Pathways/Workforce Development – UA Extension Program developed
- Actively support and collaborate with UA School of Mining and Natural Resources Outreach executions



WATER POLICY COMMITTEE 2023 SUCCESSES

Chair, Karlene Martorana, Resolution Copper. Vice-Chair, Fred Breedlove, Snell & Wilmer

- Monitored water law and policy changes to pre-empt negative outcomes.
- Supported defeat of proposed water law that would set unfavorable precedent for the industry.

WATER POLICY COMMITTEE 2024 GOALS

- Given that water will be a hot topic at the legislature this year, closely monitor proposed legislation and advocate for sensible water changes.
- Ensure the public understands the facts on the industry's water use.
- Ensure industry participation in policy discussions.



GOVERNMENT AFFAIRS UPDATE

Chair, Rebecca Hudson-Nuñez, Freeport-McMoRan. Vice-Chair, Jeremy Browning, GovGroup Arizona LLC

The Government Affairs Committee is getting ready for the 2024 Legislative session. With the approval of the Board, the AMA will be advocating for an appropriation to support the Arizona Geological Survey along with reviewing proposed bills and taking positions. The Government Affairs Committee will begin meeting at the end of January. Expect bills to be sent to the issue committees starting then when we will be requesting recommended positions for the Government Affairs committee to consider.



WATER QUALITY SUBCOMMITTEE 2023 SUCCESSES

Chair, Bill Hart, Freeport-McMoRan. Vice-Chair, Lee Decker, Gallagher & Kennedy

- Worked with ADEQ to ensure that implementing rules for Arizona's Surface Water Protection Program were appropriately limited
- Confirmed with ADEQ management that "new" tailing BADCT language will not be applied ad hoc
- Ensured that recent increases to ADEQ's water quality fees only apply to actual permitting programs
- Prepared and submitted comments on EPA and Corps new WOTUS definition specific to arid west issues

WATER QUALITY SUBCOMMITTEE 2024 GOALS

- Work with ADEQ on Tailings BADCT and Aquifer Protection Permit framework language
 - * ICMM GISTM language for design and operations
- PFAS sampling for public water supplies
 - * Track for technical, legal, and scientific appropriateness
- Ensure proper implementation of new or revised Aquifer Water Quality Standards
- Continue to track WOTUS definition and "relatively permanent" concepts in ephemeral AZ washes



LANDS COMMITTEE 2023 SUCCESSES

Chair, Travis Snider, Arizona Sonoran Copper Co. Vice-Chair, Bob Linsell, Granite Construction

- Arizona State Land Department Process Improvements - Kaizen
- Continue Relationship Building with Federal and State Agencies (BLM, USFS, ASLD, AZGS, AZPT...)
- Assist Government Affairs Committee on various bills.
- Reviewed and commented on several Federal and State rule changes and actions:
- Departments of the Interior and Agriculture – Advance



Inspector's View

Paul D. Marsh, Arizona State Mine Inspector

Volume 20 x November 2023

**The Arizona State Mine Inspector's Office, SERVING ARIZONA, SAVING LIVES,
Committed to Safety. Protecting the lives of Arizona Miners.**

FOCUS:

It's Thanksgiving, a time to be thankful and give thanks. But how do you say thank you to those who have done so much and expected so little in return? In the next few months, the State Mine Inspector's Office will see the retirement of three of its own, Mike Failla, John Stanford and Tim Evans. With over 130 years of mining experience and collectively 61 years at ASMI, these three men represent the heart and soul of the State Mine Inspector's Office. Words cannot begin to describe the impact these three men have had on the mining industry and the men and women that work in Arizona Mines.

Mike Failla began his mining career as a Maintenance Supervisor in 1990 at the ASARCO, Hayden Mine where he implemented and administered all vehicle maintenance at the Hayden Smelter and concentrator. In 2007, Mike began his career with the State Mine Inspector's Office as a Certified Training Officer in which he instructed the Arizona mining community with MSHA safety and health training. Mike has over 33 years of dedication to Arizona miners and the mining industry as a safety professional.

John Stanford began his mining career in 1976 at Magma Copper Co, San Manuel Mine as an Industrial Mechanic climbing the ladder to a Senior Safety Coordinator position in the 2000. In 2002, John began his career with the State Mine Inspector's Office as a Deputy Mine Inspector. John has over 47 years of dedication to Arizona miners and the mining industry as a safety professional.

Tim Evans began his mining career in 1973 at the Magma Copper Co San Manuel Mine as a laborer and has held several positions from 1973 - 1999 including Safety Coordinator. In 1999, Tim Evans was inspired to accept a position with the State Mine Inspector's Office as a Deputy Mine Inspector and thus began his career ensuring the health and well-being of workers in the mining industry. Tim has over 50 years of dedication to Arizona Miners and the mining industry as a safety professional.

I know that I am thankful to Mike, John, and Tim as they have guided me through the years as a safety professional and as the State Mine Inspector, and although it is difficult to quantify, there is little doubt that the dedication and passion of these three men have saved countless lives throughout their years of service to the Arizona mining industry.

OCTOBER'S TOP 5 WRITTEN VIOLATIONS:

1. Electrical Violations: R-11-801. New electrical equipment shall be installed, maintained, and used in accordance with the National Electric Code.

2. Unsafe Equipment: R11-1-531. Unsafe equipment or machinery presenting an immediate danger must either be repaired immediately or be otherwise rendered not subject to further use until repaired.

3. Fire Extinguisher: R11-1-304.4 Fire extinguishers and fire suppression devices shall be inspected, tested, and maintained at regular intervals according to the manufacturer's recommendations, and a record showing the date of same be kept by the operator for a period of one year and be made available for review by the inspector.

4. Unsecured Gas Cylinders / Valves: R-11-309. Valves on oxygen and acetylene tanks shall be kept closed when the contents are not being used.

5. Unsafe Access: R11-1-149. Safe means of access shall be provided and maintained to all working places.

SAFETY SHARE: November's Safety Share is on **Working in Cold Weather.**

Please feel free to share. If you have a topic that you would like to see, or share, please send to publicinfo@asmi.az.gov

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Arizona State Mine Inspector,
Paul Marsh

(Photo by Mike Mertes, AZ Big Media, reprinted with permission)

8TH ANNUAL MINING DAY AT THE CAPITOL



**Thursday
March 7, 2024
Wesley Bolin
Plaza
Phoenix
11am - 2pm**

Join us for the 8th Annual Mining Day at the Capitol, 1700 West Washington St. on the Wesley Bolin Plaza and 17th Avenue in front of the Arizona State Capitol.

Mining Day is, traditionally, a day to bring education of the mining industry and the economic benefits it holds to the Arizona State Legislature. Our AMA Mining Company members, Consultants, and Suppliers all join in to magnify the benefits of mining to our Copper State!

***Sponsorship and table registration
opening January 2024.***

MORE INFO:

TERRIE@AZMINING.ORG

602.266.4416



Each year, the AMA recognizes our industry's efforts in protecting and enhancing the biodiversity of Arizona. The **Sustainability, Preservation and Diversity in the Environment** (or SPADE) Award focuses on an individual site's actions at preserving, reclaiming, or creating habitat as well as species preservation or protection and education. This year's award is given to Freeport-McMoRan for the Verde River Diversion Dam Removal Project in Clarkdale, Arizona.

In 2022, Freeport Minerals Corporation voluntarily removed the Verde River Diversion on the Verde River near Clarkdale, in Yavapai County, Arizona. The removal of dams and other diversion structures from rivers is becoming more common practice in the United States. This practice is often initiated due to a variety of reasons, including but not limited to economic or safety factors, and can result in positive benefits to the river morphology and ecology.

Receiving the award for Freeport McMoRan was Lynn Lande, Chief Environmental Engineer, and Project Manager.

We want to wish a heartfelt congratulations to Freeport-McMoRan on this prestigious award!



AMA ANNUAL MEETING & GOLF TOURNAMENT

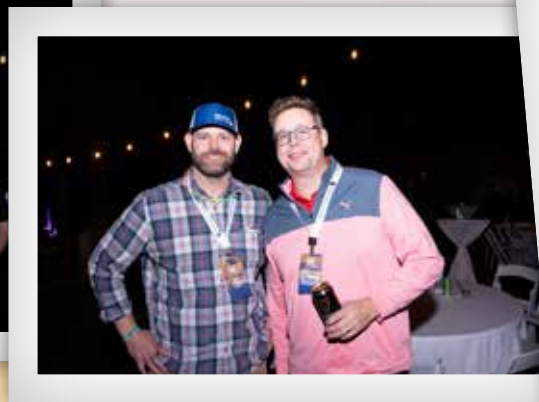
- A Pictorial Journey!

Thank you to our members who came out, in full force, to the AMA Annual Meeting & Golf Tournament in November at the J.W. Marriott Starr Pass Resort and Spa in Tucson. We enjoyed seeing everyone who attended the meeting and the golf. You are the reason we work so hard to create great networking opportunities and lots of fun!

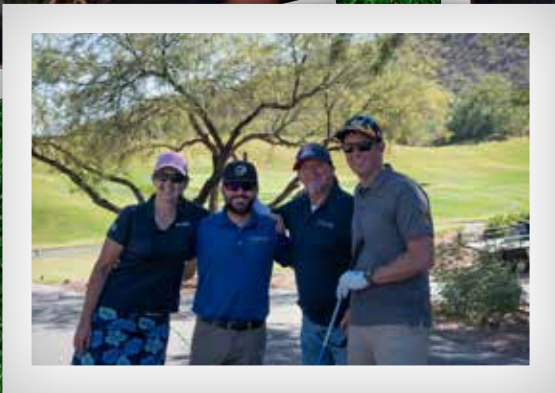
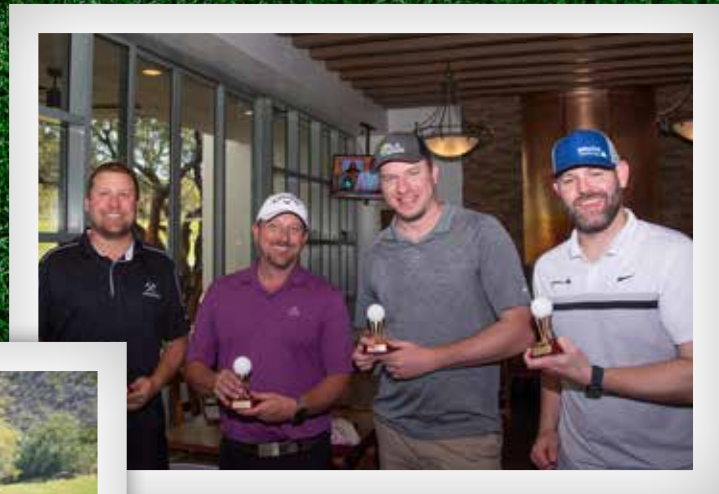
If you attended the golf tournament and did not receive a golf shirt, please contact Terrie Britton in the AMA office to get a shirt. There are a limited number of shirts, but we will do our best to accommodate everyone.

We hope you enjoy the photos!









AMA Annual Awards Dinner, Inspirational Speaker, Russell "Rusty" Bowers



Rusty Bowers is an American politician and the former Speaker of the Arizona House of Representatives. He represented the 25th legislative district from 2015 to 2023. He was elected Speaker in 2019. Rusty is a fourth-generation Arizonan, grew up on a sheep ranch in Chino Valley. He attended Mesa Community College, Arizona State University, and Brigham Young University. A member of the Church of Jesus Christ of Latter-day Saints, he spent two years as a missionary

in Mexico. He is a classically trained artist specializing in watercolor, oil painting, and sculpting, and he has also been involved in the construction and education industries. He is an incredible example, inspiration, statesman, father, musician, artist and friend.

Thank you, Rusty. It was an honor to have you speak for us this year!

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AMA Annual Awards Presentations for **RISING STARS AND SAFE MINER AWARDS**

AMA ANNUAL AWARDS FOR RISING STAR

A “rising star” in an organization is an individual who is recognized for their exceptional talent, dedication, leadership and passion. They are typically members who consistently demonstrate outstanding performance, take on additional responsibilities, and assist in the grow of the organization. These individuals are considered the leaders of their company already. In a trade association like ours, a rising star is someone who stands out in their work, actively contributes to the association’s goals, and has the potential to take on more significant roles in the future.

Whitney Lennon works for ASARCO and is the AMA’s Education Subcommittee Chair. She is a graduate of the Thunderbird School of Global Management. Before coming to Grupo Mexico ASARCO, Whitney worked in various locations within the tourism industry. Whitney is a global thinker with deep experience in cross-cultural collaboration who initiates strategies and programs from conception to execution and leads problem-solving within teams and across multiple stakeholder groups. Her mission is to empower people and communities to create sustainable economies.

Whitney is a cherished member of the AMA Communications Committee as well and always contributes valuable insights as to how we can increase the profile of the mining industry. She was the first to step up and volunteer as chair of the newly formed AMA Education Subcommittee and has been a wonderful leader to this group of industry representatives who also care deeply for education within their communities and the state as a whole. She participates in career fairs, outreach events and other meetings across the state representing the AMA and the mining industry.



Sophie Dessart, whose experience centers around strategic communications, journalism, and project management. Prior to joining Florence Copper, she most recently worked as a consultant for Phoenix-based Global External Relations, helping mining companies cultivate their social license through social risk assessments, stakeholder mapping, and social media analysis.

Sophie has a Masters of Global Management in Global Affairs and Global Business from the Thunderbird School of Global Management in Phoenix, Arizona. She received the Dean’s Circle Award upon graduating at the top of her class.

Sophie is a valued member of both the Communications Committee and Education Subcommittee and always contributes insightful, experienced based information to each committee. Sophie is well versed in social media, branding and general communications has been a huge help in elevating the Arizona Mining Association’s social media efforts. Sophie was a great asset to a recent sustainability event at a local high school in the valley and steps right up when a call for volunteers goes out. She continues to positively represent the AMA and the mining industry at various events across the state. We simply could not ask for a better advocate, leader, and resource.



AMA NEW "SAFE MINER" AWARDS



Contractor Living the Values – This award exemplifies a contractor or supplier who has gone above expectations to achieve a culture of safety. The Living the Values Award goes to **Justin Day of CORE Machinery**.

Scott Shields had this to say about Justin – “Safety is at the forefront of everything we do daily at Core Machinery, formally Road Machinery. Our teams and individuals strive to improve our safety practices, tools, and cultures. We work to be injury and illness free. We nominate field electrician, Justin Day as he epitomizes this mission. Justin believes that being conscious about his work, thinking the job through, and obeying all safety rules are just a few tenants that have contributed to a safety success over the past year working at the ASARCO Ray Mine Facility. Justin leads by example when it comes to safety, influencing everyone around him to work cautiously and sets an excellent standard for the rest of the company, by always advocating for best practices and safety overall.”

The **Leadership in Safety Award** recognizes someone who has challenged the status quo by taking the organization to the next level.

This year the **Leadership in Safety Award** goes to – **Nate Madrigal of Hudbay Minerals**. Nate Madrigal was nominated by Craig Hallworth who stated, “Nate is the Health and Safety Manager at Copper World and has materially improved the safety culture by taking the Helvetia site safety to the next level. For example, since 2022 he has created from scratch an emergency response team that has helped with various incidents. He also created and implemented a critical risk management system



and revamped the “manager on call” process which has successfully handled several emergencies. It is for these reasons and many others that we are recognizing Nate.”

Culture Creator Award – This is someone who made a significant impact on culture that has changed the dynamic of mining safety in their organization.

This award went to **Aaron Vesladahl**. Aaron, who is a Senior Field Engineer at the **Copper World Project Greenfield Site** was essential in the formation of the safety culture in 2021 through 2023 and also at the Helvetia site in Sahuarita. In the absence of any dedicated safety personnel, he took it upon himself to establish numerous safety procedures, worked with his team, to create a world-class equipment training program, and created a culture of safety, emphasizing a proactive mindset with safety.



Congratulations to these Safe Miner award recipients!

Thank You for Your Service

– ASMI’s Tim Evans, John Stanford, and Mike Failla



The Arizona State Mine Inspector’s Office was granted the AMA’s **“Most Influential” in Safety Award**

– This award recognizes those who have dramatically affected the performance of the sites by positively influencing others by the Arizona Mining Association and Arizona Rock Products Association’s joint safety committee.

The Winner of the Most Influential in Safety went to the Arizona State Mine Inspector’s Office’s Tim Evans, John Stanford, and Mike Failla. All three have served the state for many years in the name of mining safety and will be retiring at the end or just after the beginning of next year. “It just seemed fitting due to our long-standing relationship with these gentlemen and the State Mining Inspector’s Office that we honor them and say thank you” said Steve Trussell, Executive Director of ARPA and AMA.

ARIZONA MINING ASSOCIATION

MOST INFLUENTIAL IN SAFETY AWARD



TIM EVANS

MIKE FAILLA

JOHN
STANFORD

THE ARIZONA STATE MINE INSPECTOR’S OFFICE

With a total of 130 years of collective mining experience and 61 years at the State Mine Inspector’s Office, these 3 men represent the heart and soul of the mine inspector’s office. Words cannot adequately characterize the impact they have had on the industry and the men and women that work in Arizona Mines.



Tim Evans began his mining career with BHP Copper North America, San Manuel Mine as a safety coordinator from 1973 - 1999. He was responsible for safety and loss control functions for the underground and surface operations, coordination of the Mine Rescue Team and fire protection elements for the San Manuel Operations. In 1999, Tim Evans was inspired to accept a position with the State Mine Inspector's office as a Deputy Mine Inspector and thus began a second career ensuring the health and well-being of workers in the mining industry. Through the years Tim's accreditations include but are not limited to MSHA Instructor, Safety Systems Auditor, Arizona Mine Emergency Association, International Society of Mine Safety Professionals and Southwest Mine Safety Engineers. Although it is difficult to quantify, there is little doubt that Tim's dedication as a safety professional has saved lives over his 50 years of service to the mining industry.

Mike Failla began his mining career as a Maintenance Supervisor in 1990 at the ASARCO, Ray-Hayden Complex where he implemented and administered all vehicular maintenance at the Hayden Smelter and concentrator. In 2007, Mike began a second career with the Arizona State Mine Inspector's Office as a Certified Training Officer in which he instructed the Arizona mining community with the Federal Mine Safety and Health Administration (MSHA) mandatory safety and health training regulations and standards CFR Title 30 Part 48 and 46. Mike's combined experience, along with his passion for safety and making sure miners make it home to their families is revealed in his 33 years of service to the mining industry.

John Stanford began his mining career in 1976 at Magma Copper Co, San Manuel, AZ as an Industrial Mechanic climbing the ladder to a Senior Safety Coordinator position in the year 2000. In 2002 John began a second career with the State Mine Inspector's office as a Deputy Mine Inspector. John professional affiliations include but are certainly not limited to National Fire Protection Association, Pinal County Fire Chiefs Association, Toastmasters International, Southern Arizona emergency Medical Systems, and Arizona Mining Association's Safety Committee. All his years combined equal over 47 years dedication to Arizona miners and the mining industry as a safety professional.

They were presented this recognition at their most recent ASMI staff meeting, and we also had the opportunity to honor them at the ARPA/AMA Holiday Luncheon in December.



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- AND MORE...

HUBBAY MINERALS RELEASES COPPER MOUNTAIN TECHNICAL REPORT AND ADVANCES MINE STABILIZATION PLANS

TORONTO, Dec. 05, 2023 (GLOBE NEWSWIRE) -- Hudbay Minerals Inc. ("Hudbay" or the "company") (TSX, NYSE: HBM) today announced that it has completed a National Instrument 43-101 technical report in respect of its 75%-owned Copper Mountain mine in British Columbia, Canada. This is Hudbay's first technical report for the Copper Mountain mine since acquiring Copper Mountain Mining Corporation ("CMMC") in June 2023. All dollar amounts are in US dollars, unless otherwise noted...Read more here: <https://bit.ly/4a7lvpD>.

FARADAY COPPER INITIATES PHASE III DRILL PROGRAM AT THE COPPER CREEK PROJECT IN ARIZONA

VANCOUVER, BC / ACCESSWIRE / October 12, 2023 / Faraday Copper Corp. ("Faraday" or the "Company") (TSX:FDY)(OTCQX:CPPKF) is pleased to announce the initiation of its Phase III drill program at its Copper Creek project in Arizona, USA ("Copper Creek").

Phase III Drill Program

- An estimated 20,000-metre diamond drill program commenced on October 11, 2023, with the primary objectives including:
 - Making a new economic discovery on the property.
 - Growing the open pit resource; and
 - Expanding the high-grade areas of the underground resource.
- The Company will also be installing additional piezometers in certain drill holes for ongoing groundwater monitoring.

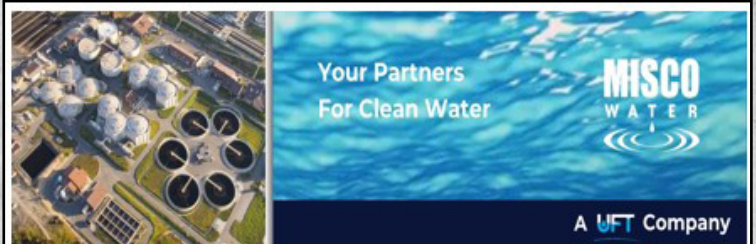
Assay results for completed drill holes will be released as they are received, analyzed and confirmed by the Company. Read more here: <https://bit.ly/3t3noUO>.

ARIZONA METALS INTERCEPTS 83.7 M AT 3.6 G/T AUEQ (INCL. 15.3 M AT 6.3 G/T AUEQ) AND 21.9 M AT 1.3% CUEQ (INCL. 1.4 M AT 5.7% CUEQ) AT THE KAY DEPOSIT

TORONTO, October 23, 2023 – Arizona Metals Corp. (TSX:AMC, OTCQX:AZMCF) (the "Company" or "Arizona Metals"), a leading exploration and development company, is pleased to announce the latest drilling results from the Kay Deposit in Arizona. The results from three new drill holes demonstrate the continuity and expansion potential of the deposit, particularly in extending mineralization toward surface...Read more here: <https://bit.ly/3NcFGtl>.

ARIZONA SONORAN EXPLORATION DRILLING INTERSECTS NEAR SURFACE MINERALIZATION 2,500 FT (762 M) SOUTH OF PARKS/SALYER

CASA GRANDE, AZ and Toronto, ON, November 20, 2023 – Arizona Sonoran Copper Company Inc. (TSX:ASCU | OTCQX:ASCUF) ("ASCU" or the "Company"), reports that exploration drilling at the MainSpring property intersected near surface copper mineralization from 4 drill holes. The southern-most MainSpring drill hole, ECM-186, was collared 2,500 ft (762 m) south of the Parks/Salyer deposit (see FIGURES 1-9) and intersected shallow oxide mineralization at a depth of 138 ft (42 m) from surface. In comparison, Parks/Salyer mineralization begins at approximately 550 ft (176 m) at its shallowest, over a footprint of 2,000 ft by 2,500 ft. The MainSpring property is situated contiguous to the Parks/Salyer Property and within the, privately held by ASCU, Cactus Project in Arizona...Read more here: <https://bit.ly/4a9XY8H>.



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Governor Katie Hobbs Releases Statement Honoring the Life and Legacy of Supreme Court Justice Sandra Day O'Connor

"Throughout her entire career, as an Arizona legislator, judge, and Supreme Court Justice, Justice Sandra Day O'Connor embodied the humility and civility that is at the core of what it means to be a public servant. Justice O'Connor first broke barriers when she was elected the Arizona Senate Majority Leader, becoming the first woman to ever serve in that role in the United States. Her trailblazing career continued when she became the first woman to ever serve on the Supreme Court, where she was the decisive vote in some of the most critical court cases in our nation's history. Justice O'Connor's impact continued far beyond the bench, with a lifelong commitment to civic engagement and civil discourse, which is more important than ever. Her legacy will forever be ingrained in the fibers of our state and nation's history. The hearts of every Arizonan are with her and her family today as we mourn the loss of a true trailblazer."

AMA COMPANY HIGHLIGHT

SPOTLIGHT



Left to Right: Sophie Dessart, Councilmember Jose Maldonado, Councilmember Kristen Larsen, and Florence Mayor Tara Walter in "I heart Florence" shirts donated by Florence Copper

Florence Copper Partners with Town of Florence for "Makes a Difference Day"



Florence Copper team member Dave Reeves volunteering. Dave also serves as President of the Florence Lions Club.

Florence Copper recently reaffirmed its commitment to the local community by participating in the Town

of Florence's much-anticipated "Florence Makes a Difference Day." This yearly event, dedicated to fostering community enhancement initiatives, brought together volunteers from across the town to contribute to various projects aimed at improving the lives of Florence residents and neighboring communities.

As part of its involvement, Florence Copper not only donated its popular "I Heart Florence" shirts to all the dedicated volunteers but also had several of its team members actively engaged in the day's volunteer activities. At the end of the event, the Florence Copper team served lunch to volunteers alongside Florence Mayor Tara Walter and Councilmember Kristen Larsen.



Serving Lunch to Volunteers

According to Sophie Dessart, Florence Copper Manager of Communications and Public Affairs, "At Florence

Copper, we believe in the power of community and the impact that collective action can have on fostering positive change. Being able to contribute to the 'Makes a Difference Day' was a true honor for us. We are committed to supporting initiatives that bring about tangible improvements to the lives of those around us, and we look forward to



Left to Right: Lorri Rodriguez, Terri Yost, Sophie Dessart, and Dave Reeves from Florence Copper Team

continuing our efforts to make Florence an even better place for everyone."



AMA meeting with ASLD's Commissioner Robyn Sahid – 10/5/23

On October 5th AMA sat down with Arizona State Land Commissioner Robyn Sahid to get an update on the State Land Department. The Commissioner shared at the update meeting with ARPA that currently the State Land Department is working on their 5-year plan and a rulemaking that is required due to a recent audit and requirements from the Governor's Regulatory Review Council. The rule making will be wrapped up by the beginning of next year.



They will also have to address any deficiencies of both a legislative audit request and a regularly scheduled audit that has been taking some time to conclude. This is why the process improvement for the minerals section could not begin until the end of the month. Staff has helped to prepare the scope of work with the agency for this effort to ensure success.

The State Land Department is also currently in discussions on how to remedy issues with archeological process within the Department and how to address challenges. They have convened a committee to make recommendations for improvements and those suggestions should be forthcoming in the next couple of weeks.

Among all of these improvement efforts that will take time and resources the Department is working to enhance customer service, transparency and efficiency to the extent possible.

This meeting was very informative and right on the heels of a process improvement effort with the aggregate (ARPA) and hard rock mining (AMA) sectors to advance proposals to enhance efficiencies within the Agency. The focus of the improvement will include but is not limited to the following and may require potential legislation:

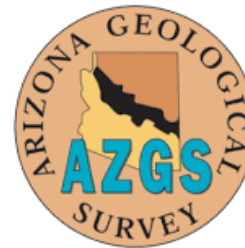
- Establish an Oversight Board for the Agency
- Address Licensing Time Frames
- Allow Third Party Application Reviews
- Existing Use Recognition in Annexation Agreements
- Address Native Plant Costs
- "Agency" Definition Clarity

We are very appreciative of the Commissioner and key staff for the efforts they have made. There is more work necessary, but we are hopeful that ASLD's commitment toward improvement will be realized in the minerals section. More to come soon.

AZGS Funding Assistance

Arizona Mining Association will be assisting the Arizona Geological Survey to secure a \$750,000 ongoing, protected, appropriation for FY 24' to not only hire an economic geologist but also to provide Federal match funding for key projects. The AZGS is incredibly helpful to industry and the State of Arizona. They are also extremely resourceful with their limited state

general fund revenues. They employ over 20 staff and scientists and have a meager budget of only \$1.1 million dollars. Given all their programs and responsibilities it is impressive how they manage their resources. The return on investment given the resources they have is impressive.



So why does AMA care so much about the Arizona Geological Survey funding?

The Arizona Geological Survey provides vital services to the State of Arizona through unbiased geologic information to government agencies, industry, researchers, and the general public. AZGS focuses on applied research and investigations that directly benefit the State of Arizona, including geologic mapping and subsurface investigations, natural resource identification and characterization, and geologic hazard assessment and mitigation.

Major services provided to the State of Arizona:

Geologic Hazards

- Studies of post-wildfire debris flows and flooding provide critical information to state and local agencies for emergency response, planning and mitigation efforts
- Landslide identification and mapping assists local and state transportation planners and emergency managers understand landslide risks
- Mapping and monitoring earth fissures related to land subsidence due to groundwater withdrawal; this impacts farmers, residential homebuyers, and business
- Monitoring seismic activity and studying young faults to assess earthquake hazards

Geologic Mapping and Mineral Resources

- Geologic mapping to identify and understand the distribution of potential mineral resources
- Research and investigations into occurrences of critical mineral resources, raw materials that are crucial for modern technology and are currently sourced outside the U.S.
- Mapping known and potential aggregate sources for planning purposes, supporting infrastructure improvements and private development projects
- Geologic mapping to identify and mitigate natural hazards, supporting local governments, urban planners, civil engineers, and emergency managers

Subsurface Geology and Water Resources

- Multi-partner subsurface geologic and geophysical investigations to understand basin geology and assist in groundwater resource evaluations
- Subsurface investigations to define basin characteristics for potential underground sequestration of CO2 and liquefied gas storage

Geologic Data

- All published geologic maps and reports are free to download; map data are available in a variety of formats for ease of use

- Access to geologic data such as historical mine files saves costs for small- and medium-sized businesses and empowers them to be more productive and competitive
- Economic Impact and Funding
- A 2019 economic impact study showed that AZGS data, maps, and reports saved Arizona businesses and government agencies \$30 million in a one-year period, a ~30-fold return on our state appropriation
- AZGS is funded by a mix of state appropriation and external funding; most of our appropriated funds are utilized as required match for a wide range of external funding opportunities
- More base funding would increase our capacity to work with federal, state, and local partners to conduct projects in mineral and water resources, underground storage, and geologic hazards

Strengthening Ties: University of Arizona's School of Mining & Mineral Resources and AMA

The construction materials industry is a cornerstone of our state, and this is central to the University of Arizona School of Mining and Mineral Resources (School). Mineral mines not only contribute significantly to the state's economy but also serve as a direct source of employment for UArizona graduates. AMA

member companies offer a valuable alternative for students who greatly value the internships and support provided by mining companies. In addition, we express our gratitude to AMA for its vital role in establishing the School and securing legislative funding. Thank you!

And we are committed to intensifying our collaboration with AMA members. In a recent strategic retreat, Steve Trussell joined over two dozen faculty, staff, and industry partners in shaping the School's future. He rightfully emphasized the importance of increased partnership between the School and AMA. Looking ahead to next spring, we will unveil our 3-year Strategic Plan, which will outline specific tactics to achieve this goal. But we are not waiting; we are already collaborating on an infographic illustrating the rigorous permitting journey of hard rock mines. This tool will be integrated into our coursework and serve as a valuable resource to build public awareness and social license. We also thank AMA member companies for their participation in the Mines for Limitless Mines event, which brought together over 800 students and 30 companies to expose future professionals to the diversity of careers in mining and materials. We look forward to increased partnership and collaboration.

Misael Cabrera, Director of the University of Arizona's School of Mining and Mineral Engineering



AMA Comments Submitted Through 2023

AMA commented on several different issues throughout the year. Some of these comments include the following:

- National Ambient Air Quality Standards for Particulate Matter Proposed Rule
- Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR): Reconsideration of Fugitive Emissions Rule
- Proposed BLM Rule – Conservation and Landscape Health
- Advanced Notice of Proposed Rulemaking; Request for Comment on Forest Service Functions
- The Metals, Materials, and Manufacturing for the Nation's Infrastructure Tech Hub (M3 Tech Hub) – Letter of Support to the U.S. Secretary of Commerce
- Request for Public Meeting for the Prescott National Forest/ Hassayampa River, Arizona
- Lowering Miners' Exposure: Respirable Crystalline Silica and Improving Respiratory Protection – Letter to MSHA
- NRPM for ADEQ's Protected Surface Water Program
- Tonto National Forest Revision Plan – Meeting and Interested Person Request
- Objection to National Forest Revised Land Management Plan and Final Environmental Impact Statement
- Informal Review Draft of Surface Water Quality Standards Triennial Review Preamble

SPOT LIGHT



SUNDT

Sundt Giving, Beyond the Christmas Spirit

On December 9, dozens of Sundt employees in Santa hats and festive attire gathered at Premium Outlets in Chandler, AZ, to launch the holiday season with a Christmas shopping spree. But this was no ordinary shopping venture. The goal: to spend \$7500 within two hours and walk away without a single bag to take home for themselves.

Unlike most holiday shopping, these purchases weren't going to family, friends, or business associates. Each employee came to be part of something much bigger. By pairing with local foster teens from the Navajo Nation, 43 volunteers acted as Santa's agent and assisted 75 youths in selecting their own items with the \$100 gift cards they each received as part of a \$10,000 grant from the Sundt Foundation.

This opportunity to serve in a worthwhile local program is one of many that Sundt affords their employee-owners. Sundt Construction, Inc., one of the country's leading contractors in the mining industry since their founding in 1898, established

Service as one of its core values from its conception, seeking to give back to communities where their employee-owners work and live.

To effectively carry out its mission, Sundt established the Sundt Foundation in 1999 to become directly involved with community needs. Employee-owners contribute funds to the Foundation which the company matches, dollar for dollar. This commitment reaches beyond just financial support and extends to helping hands. From volunteering at food banks to toy and clothing drives for foster children to constructing playgrounds and housing, the employee-owners of Sundt aspire to build more than a career. They support their community in hundreds of real and tangible ways.

Just as significantly as at their founding, Sundt continues to carry out Service as a high priority in the development of the communities they touch, not just at Christmas, but all year round.



As an engineering business, Science, Technology, Engineering and Maths (STEM) based careers are the backbone of what we do. And our people are passionate about sharing their knowledge and experiences with the community to attract new talent and help young people choose a career in the engineering sector.

What better way to do this than to get people "hands on" with what the different roles actually do?

Scores of Weir ESCO employees dedicate their time to bring STEM and manufacturing education to communities all over the region.

The first "casting booth" was set up by Weir's team in Portland in 2013 and has evolved over the last 10 years to provide a hands-on and immersive

SPOT LIGHT

WEIR

ESCO

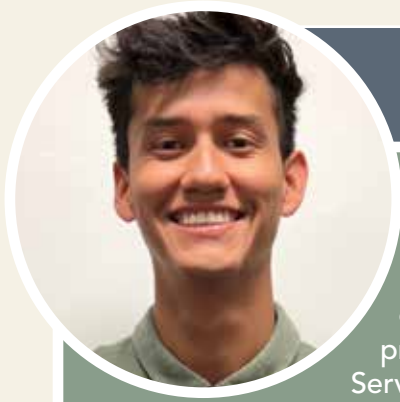
STEM activity that showcases modern methods and materials. It has been designed to replicate on a smaller scale how mining ground engaging tools are molded, poured, cooled and finished – the work our foundry, engineering and metallurgical teams do every day to create the world's leading products for mining and infrastructure development.



Over the last year, more than 50 enthusiastic Weir volunteers have given their time to share the casting booth experience at six community events.

Vice President of Innovation & Technology, Chris Carpenter, is the executive sponsor for the casting booth. Now in his 37th year with the company, Chris says, "We are fortunate to be in a position where we have strong ties to external community partners and passionate employees who have a desire to generate more interest and opportunity for young people and minorities to explore STEM and careers in the trades. Our casting booth, and the commitments from our own employees, is complementary to these shared goals."

Nathan Roessel



Nathan began his internship with the Arizona Mining Association in of 2022. He was recently promoted to Support Services. In his current position,

he creates social media posts across all AMA platforms each month and reports logistics to the Communications Committee. He is responsible for invoicing and onboarding new members and helps with association events. Sometimes, we find stray animals by the office. One such day, Nathan found a beagle pup. Having found no one to claim this fur baby, Nathan took "Bailey" home and she's a happy little addition to his home!

As a student, he attends Arizona State University as a junior majoring in Geological Sciences with a minor in Sustainability. Outside of work and school, he enjoys playing sand volleyball, riding dirt bikes, and going on hikes.

“That is what I love most: the rock products industry is not only essential but rewarding and anyone that is willing to put in the time and the work can find a successful, meaningful career here.

“We are grateful to have Nathan Roessel on staff at the Arizona Mining Association. Nathan is responsible for special projects, not the least of which is our important social media presence which he does exceptionally well” says Steve Trussell. Terrie Britton stated, “I have been truly blessed to have Nathan in this organization to help me with administrative matters and events. He is a good worker, has a great attitude, and is an all-around great person!”

GRAY LINE ARIZONA
CHARTER BUS RENTAL SERVICE

Proud supporter and member of the Arizona Mining Association.

Gray Line

CONTACT: Carolyn Andersen

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