
JASON D. MIZER, Ph.D.

Tucson, Arizona
jdmizer@arizona.edu



EXECUTIVE PROFILE

Senior mining executive and geoscientist with 20+ years of leadership experience across mineral exploration, corporate development, academic research, and federal regulatory environments in the Western United States. Proven track record of building and leading multidisciplinary teams, managing multi-million-dollar exploration budgets, advancing resource assets, and delivering shareholder value.

Extensive experience in regional portfolio development, drill program execution, land acquisition strategy, regulatory compliance (USFS, BLM, ADEQ), and corporate reporting to executive leadership and Boards of Directors. Combines deep technical expertise with strong operational management, financial oversight, and stakeholder engagement.

U.S. Navy veteran with nuclear propulsion training and supervisory experience in high-risk, high-accountability environments.

CORE EXECUTIVE COMPETENCIES

- Regional & Multi-Project Leadership
- Budget Development & Cost Control
- Portfolio Expansion & Target Generation
- Corporate Development & Investor Reporting
- Board-Level Presentations & Strategic Planning
- Regulatory Compliance & Permitting (USFS, BLM, State)
- Cross-Functional Team Leadership & Talent Development
- Community & Landowner Relations
- Operational Logistics & Remote Project Execution
- Risk Assessment & Quality Assurance Programs

PROFESSIONAL EXPERIENCE**Manager, Lowell Institute for Mineral Resources**

University of Arizona — Tucson, AZ | 2025–Present

- Lead research coordination, stakeholder engagement, and strategic program development for mineral resource initiatives.

- Oversee academic–industry collaboration, student advising, and external partner recruitment.
 - Develop and execute educational short courses and professional programs aligned with industry demand.
 - Support funding initiatives and institutional growth strategy.
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Postdoctoral Research Scholar – Critical Minerals Recovery

University of Arizona — Tucson, AZ | 2024–Present

- Lead multi-site evaluation of copper tailings facilities across Arizona.
 - Design and oversee sampling and drilling programs focused on critical minerals recovery.
 - Manage land access agreements and mining community relations.
 - Provide technical and economic assessments supporting future resource development.
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Exploration Manager – USA Operations

Mundoro Capital Inc. — Vancouver, BC | 2024–2025

- Directed U.S. porphyry copper exploration strategy across multiple Arizona assets.
 - Developed and managed work programs and budgets; approved payroll and contractor invoices.
 - Recruited and led multidisciplinary exploration teams; implemented QA/QC and operational standards.
 - Advanced new target generation initiatives and regional asset evaluation.
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Senior Manager of Exploration

Barksdale Resources — Vancouver, BC | 2022–2024

- Led drill programs and exploration strategy for CRD and porphyry copper systems adjacent to South32’s Hermosa Project.
- Managed hiring, training, and performance oversight of technical staff.
- Directed budget planning, cost tracking, and financial reporting.
- Ensured regulatory compliance under USFS Plans of Operation.
- Delivered GIS databases, 3D modeling oversight, and executive-level reporting packages.

Vice President of Exploration / Exploration Manager

Millennial Precious Metals — Toronto, ON | 2020–2022

- Executive leadership of regional gold and silver exploration portfolio in Nevada and Arizona.
- Managed exploration managers, project geologists, database teams, logistics, and procurement.
- Oversaw multi-phase drill programs, permitting, 3D modeling, and resource advancement.
- Reported directly to CEO and Board; presented project valuations, budget forecasts, and portfolio strategy.
- Led land acquisition, claim staking, joint ventures, and partnership negotiations.
- Drove shareholder value through asset enhancement and disciplined capital allocation.

Independent Consultant – Hermosa Project

South32 — Tucson, AZ | 2020–2021

- Conducted structural and mineralization review of 3D geologic model for the Hermosa Project.
- Delivered comprehensive technical assessments to engineering and geologic leadership.

Laboratory Manager

Call & Nicholas, Inc. — Tucson, AZ | 2019–2021

- Managed geotechnical laboratory operations, staff supervision, QA/QC, and ASTM compliance.
- Oversaw billing, inventory control, SOP development, and safety protocols.
- Coordinated cross-functional communication between engineering teams and external mining clients.

Exploration Geologist / Project Manager

Bronco Creek Exploration — Tucson, AZ | 2016–2019

- Managed porphyry copper and Carlin-style gold exploration programs across the western U.S.
 - Directed helicopter-supported field campaigns and complex logistical operations.
 - Supervised GIS database management and target ranking systems.
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MILITARY SERVICE

United States Navy – Nuclear-Trained Electrician, Submarine Force
USS Los Angeles (SSN-688)

- Supervised division of up to 12 personnel in nuclear propulsion and shipboard electrical systems.
 - Maintained operational readiness in high-risk, mission-critical environments.
 - Honorable Discharge | Rank: E-5 | Secret Security Clearance
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BOARD & LEADERSHIP EXPERIENCE

- President of Exploration & CEO – Professional Mineral Development (Tucson, AZ)
 - Board Member – Great Basin Metals (Vancouver, BC)
 - Minority Partner – Unlimited Prospects, LLC (Tucson, AZ)
 - Owner/Operator – Polaris Underground / Polaris Exploration (Tucson, AZ)
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EDUCATION

Ph.D., Geology — **University of Arizona**, 2018

Professional Science Master's, Economic Geology — **University of Arizona**, 2013

B.S., Geology (Chemistry Minor) — **University of Arizona**, 2012

SELECT PUBLICATIONS & PRESENTATIONS

Author and co-author of peer-reviewed publications and professional presentations related to Laramide magmatism, U-Pb geochronology, and porphyry copper systems (SME, Geological Society of Nevada, Arizona Mining Association).

Mizer, J.D., 2018, Early Laramide magmatism in Southern Arizona; U-Pb geochronology of key igneous units and implications for the timing of regional porphyry copper mineralization: unpublished Ph.D. dissertation, Tucson, University of Arizona, 619 p.

Mizer, J.D., 2017 December, Arizona Society of Mining, Metallurgy, and Exploration: Early Laramide magmatism in Southern Arizona; an investigation into the geochronology of pre- and syn-mineralization magmatic events in several key porphyry copper districts. (professional presentation)

Stegen, R., Mizer, J., Barton, M.D., Seedorff, E., 2016, U-Pb dating of and implications for Laramide porphyry copper systems: Society of Mining, Metallurgy, and Exploration (SME) conference. (professional presentation) Control ID: 2354788.

Mizer, J.D., Barton, M.D., and Stegen, R.J., 2015, U-Pb Geochronology of Laramide Magmatism Related to Cu-, Zn-, and Fe- Mineralized Systems, Central Mining District, New Mexico, in Pennell, W.M. and Garside, L.J., New Concepts and Discoveries, Geological Society of Nevada, pp. 1109-1129.

Mizer, J.D., 2013, Uranium-lead geochronology of magmatism in the Central Mining District, New Mexico: unpublished Professional Science Master's Thesis, Tucson, University of Arizona, 57 p.

Bechtel, T., Hedden, C., Mizer, J., Bellman, U., Truebe, S., Dresang, K., 2012, In-cave and Surface Geophysics to Detect a "Lost" River in the Upper Levels of the Mammoth Cave System, Kentucky., IAH Congress.

Mizer, J.D., Gilleland, T., and Simmons, B., 2009. Cave of the Bells, Santa Cruz County, AZ map in NSS News, January.

Mizer, J.D., 2009, Spelean Spotlight, An Interview with Langford Brod, Jr., in NSS News, January.
