

Natural resource and energy transition professional with corporate development, private equity, and mining engineering experience in various project life phases. Design, planning, and valuation of international mines and development projects. M&A and project finance across the capital structure with over \$1.5B in executed deals. Recognized for leadership and effectively communicating with stakeholders, from frontline operators to C-suite executives and boards of directors. Track record of success in both private and public company environments. Deep understanding of mine finance, planning processes, and data management systems.

Areas of Expertise include:

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|------------------------------------|---|---------------------------------|
| ✓ Mine valuation and modeling | ✓ Licensed Professional Engineer | ✓ JORC, 10-K, 43-101 Reserves |
| ✓ Deal structuring | ✓ Underground mining methods | ✓ Global experience |
| ✓ Royalties, streams, equity, debt | ✓ Feasibility, construction, & production | ✓ Contract & project management |
| ✓ Base and precious metals | ✓ Mine planning, design, & scheduling | ✓ Data management |
| ✓ Industrial minerals | ✓ Block modeling | ✓ Software implementation |

EXPERIENCE

RUBY BARICKMAN LLC • Denver, CO • April 2023 – Present
Corporate advising for companies focused on the green energy transition

OWNER/ CONSULTANT

Specializing in transactions, fundraising, and corporate development strategies

- Provide strategic guidance to clients on M&A, partnerships, and other business transactions
- Conduct thorough market research and due diligence to identify potential opportunities and risks for clients
- Structure and negotiate deals to optimize outcomes for clients, ensuring alignment with their long-term objectives
- Collaborate with legal, financial, and other professionals to ensure successful deal execution
- Drive business development efforts, including networking, client prospecting, and marketing initiatives
- Act as a trusted advisor, representing the company and building a strong brand reputation within the industry

ORION RESOURCE PARTNERS • Denver, CO • July 2018 – April 2023

Global industry leader in delivering customized financial solutions to mining companies with US\$8B AUM

MANAGER, BUSINESS DEVELOPMENT FOR SWEETWATER ROYALTIES

February 2021 - April 2023

Leader for internal and external growth strategies for Orion portfolio company

- Tasked with growing business from infancy to present-day, executing +10 organic, value-additive deals
- Business stand-up and investment process development for a 1M-fee surface acre and +4M-mineral acre land package
- Bank-led processes and creative deal sourcing for mineral royalties
- Built out 235,000-acre renewable energy platform under exclusivity for development
- Option/ earn-in agreements for greenfield exploration opportunities covering +450,000 acres

INVESTMENT ASSOCIATE: ORION MINE FINANCE

July 2018 - January 2021

Financial modeling for and analysis of mining and mineral companies seeking capital

- Conducted financial modeling and investment analysis, influencing +\$1B in capital deployment
- Structured complex financing packages, optimizing risk-based return profiles across royalties, streams, equity, and debt
- Led comprehensive due diligence processes, including site visits, ensuring sound investment decisions
- Collaborated with legal, technical, and operational teams, ensuring seamless deal execution and compliance

PT FREEPORT INDONESIA, FREEPORT-MCMORAN • Phoenix, AZ • May 2015 – July 2018

The world's largest publicly traded copper producer

SENIOR UNDERGROUND MINING ENGINEER, STRATEGIC PLANNING

Strategic planning for PTFI Indonesian Underground Operations

- Mid-range design and planning of Plan of Intent (POI) drawings (developing ~5 kilometers/month)
- Mine Database Manager (MDM) implementation and administration including data management—integrating multiple data sources (survey, design, infrastructure, geology, etc.) into a master three-dimensional database
- Stope optimization and 10-K Reserves
- Mine planning and survey software conversion and training for 300 on-site engineers and other users

EAGLE MINE, LUNDIN MINING (FORMERLY RIO TINTO) • Marquette, MI • May 2012 – May 2015
2,000 tonne per day longhole stoping operation producing nickel, copper, and PGMs

MINING ENGINEER/ PLANNING SUPERVISOR

Responsible for short- through long- range mine engineering.

- Reserve reporting (JORC and 43-101)
- Life-of-mine production planning and stope design
- Mine design and short- and mid-range development scheduling
- Survey and Planning Supervisor: ventilation, drill and blast, dewatering, and other services
- Liaising between on-site contractors, off-site consultants, and the owner's team

MISOM CONSULTING SERVICES • Tucson, AZ • Dec 2011 – May 2012

UNDERGRADUATE RESEARCH ASSISTANT, STAKEHOLDER LISTENING ASSESSMENT

- Sustainable Development research regarding Stakeholder Engagement and the assessment of public opinion of a local mining project via social networks

RESOLUTION COPPER COMPANY, RIO TINTO • Superior, AZ • Summer 2011

MINING ENGINEERING INTERN, UNDERGROUND PANEL CAVE MINE (CU, MO)

- Pre-Feasibility team
- Ventilation, reclamation, blasting, extraction level design, and excavation and construction scheduling

JIM WALTER RESOURCES • Brookwood, AL • Summer 2010

MINING OPERATIONS INTERN, UNDERGROUND ROOM AND PILLAR/ LONGWALL MINE (COAL)

- Shadowing Underground Supervisors
- Six Sigma efficiency projects
- Rock dust safety, continuous miner efficiency reports, weekly longwall and section progress updates

PROFESSIONAL LICENSES & EDUCATION

Licensed Professional Engineer: **Mining**
State of Arizona | 63025

Adjunct Professor | James E. Rogers **College of Law**
University of Arizona | Tucson, AZ | Fall 2022 - Present

Master of Science, **Finance**
Georgetown University | Washington, DC | May 2018

Master of Engineering, **Mineral Resource Engineering**
University of Arizona | Tucson, AZ | May 2014

Bachelor of Science, **Mining Engineering**, Cum Laude
Applied Mathematics minor
University of Arizona | Tucson, AZ | May 2012

TECHNICAL SKILLS/ AWARDS, ACTIVITIES & SOCIETIES

Technical Software Skills

- Deswik dCAD, dSched & MDM
- Maptek Vulcan
- MineRP Mine2-4D & EPS
- ArcGIS

Awards, Activities & Societies

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|---|---------------------|
| Society for Mining, Metallurgy, & Exploration (SME) | <i>2010-Present</i> |
| • Audit Committee Member | <i>2024-2028</i> |
| • M&E Division Outstanding Young Professional Award Committee | <i>2016-Present</i> |
| • Young Leaders Committee | <i>2013-2017</i> |
| • Program Area Manager | <i>2020</i> |
| • M&E Division Technical Session Chair | <i>2013-2017</i> |
| Georgetown University Merit Scholar | <i>2016-2018</i> |
| Eagle Mine Rescue Team (CPR, First Aid, AED, Level II Benchman certified) | <i>2012-2015</i> |
| Rio Tinto Scholar | <i>2010-2012</i> |
| ASARCO Outstanding Leadership Award | <i>2011</i> |