

**JACK BRADFORD, R.G.**



AJAX Mountain Enterprises, LLC

(dba AJAX Ltd)

Engineering and Geology, Project and Construction Management

Evergreen, CO and Globe, AZ

(928) 200-1981

**EDUCATION**

Bachelor of Science Degree in GEOLOGY,  
Northern Arizona University; Flagstaff, Arizona 1992.

ASSOCIATE OF ARTS Degree in GENERAL STUDIES,  
Phoenix College; Phoenix, Arizona; May 1984.

**MEMBERSHIP**

American Institute of Professional Geologists

**REGISTRATION**

Registered Professional Geologist: State of Arizona

**WORK  
EXPERIENCE**

**CONSULTING  
GEOLOGIST:**

Geotechnical characterization project manager for a global natural resource company at an open pit copper mine in Arizona. Consulted to global engineering consulting firm to construct site characterization report to finalize field investigation activities at an inactive mine facility located in an Arizona State superfund site. Managed open pit dewatering well rehabilitation project. Consulted to a global natural resource company as a geological resource for the restart of an open pit copper mine. Supervised field investigation for engineering design project for the reclamation of a two large tailings facility. October 2006 to present

**SUPERVISING  
GEOLOGIST:**

Location Manager for MWH Americas Globe, Arizona office. Responsible for day to day operation of engineering consulting office. Supervised local and visiting engineers and scientists. Managed several projects concurrently. Responsible for local office operating and all project budgets. Project work included: site characterization at inactive open pit copper mine facilities, geotechnical engineering and leach dump slope regrade design project, CQA for mine reclamation projects and large environmental monitoring program. May 2005 to October 2006



SENIOR

GEOLOGIST: MWH Americas. Site Manager for site characterization project at inactive open pit copper mine. Responsible for budget, contracts, daily supervision, all surface and subsurface investigations, monthly and final reporting. Conducted monthly environmental monitoring and storm water sample collection activities for closed copper mine facilities. Inspector for reclamation project. December 2005 to May 2006

SENIOR

GEOLOGIST: ASARCO Ray Mine. Responsible for all geologic activities and ore control at the Ray mine. Supervise permanent and contract geologists in daily and long-range geologic duties. Update grade and rock models using MedSystem software. Maintain large exploration database. Conduct QA/QC program to monitor the Ray metallurgical lab and metallurgical results. Review ore reserve for future exploration and in-fill drilling activities. Log blast holes and pit mapping. January 2002 to December 2004

GEOLOGIST: ASARCO Ray Mine. Update grade and rock model using MedSystem software, pit mapping, blast hole geology and log reverse circulation chips. Use Trimble GPS to layout geologic control points. Maintain large exploration database. Assist in underground mapping of the Mineral Creek Tunnel project. May 2000 to January 2002

GEOLOGIST: BHP Copper Pinto Valley Division, Supervised entry level geologist. Construct and update grade models and rock models using Medsystem software. Pit mapping, blast hole geology and log R.C. chips. Located exploration and infill drill holes, solicited exploration drill bids, write drill contracts and responsible for drill budgets. Identified pit dewatering well locations. Cross trained as short-range planner, used MedSystem blast hole manager software. Collected all data used for Toxic Release Inventory Reporting. November 1994 to May 2000

ORE CONTROL TECH: Magma Copper Co. Pinto Valley Division, Monitored slope stability, collected bench drill samples and geology of blast holes (fault mapping, rock identification and mineralization). January 1993 to November 1995

LEACH CREW/E.W. OPERATOR: Magma Copper Co. Pinto Valley Division. Install and maintain leach pad piping. Stripped starter sheets, operated three ton crane, made starter sheets and loops, correct shorts, pulled, weighed and bundled cathodes. November 1992 to December 1993

Research Assistant III: GEOLOGY Department Northern Arizona University, Mapped and identified rock formations of the McDowell Mountains, Arizona. This research project emphasized the ductile deformation (structural geology) of the area. December 1991 to August 1992



**COMPUTER  
SKILLS**

Microsoft Office  
AutoCAD  
MedSystem and MineSight Software  
Acquire Database

**TRAINING**

ISO 14000 Senior Auditor Course. Environmental  
Conformance  
MedSystems Geostatistics Course  
Current MSHA Miner Annual Refresher