



Scott B. Peterson

Current Position

Associate Principal Geologist

Profession

Geologist

Years' Experience

35+

Education

BS – Geology, University of Minnesota, Duluth

SME Short Course, Safe and Cost Efficient Blasting in Surface Mines

Colorado School of Mines Continuing Education, Economic Evaluation and Decision Making Methods by Sturmal and Sturma

Professional Registrations

CPG – AIPG

PG - WY

Certified underground, surface and mine rescue MSHA training instructor.

Certified Wyoming and Utah underground coal mine foreman.

Past member ASTM and active in D05 committees and subcommittees.

Summary of Experience

Mr. Peterson provides geologic services for energy and mineral resource projects including geologic modelling, reserve estimation, and exploration. He has a longstanding history of industrial experience pertaining to geological and engineering functions of major mining companies. Mr. Peterson's career has included all geological aspects of the mining cycle, including field exploration, characterization and resource modelling, reserve assessments, and operational assistance regarding the delineation of geological hazards and risk modelling.

Significant Experience

- > Managed engineering, geology, environmental and mine water treatment groups for major coal producers; providing the planning, organization and collaboration between groups to have permits, plans and services well-ahead of mine operations to assure no mine delays as operations develop and mining advances. Participate in executive sessions to prepare for future ventures. Experience included operations in WV, PA, VA, KY, IL, AL and the PRB.
- > Insured procedures and methods in-place for environmental compliance of active and inactive operations.
- > Directed and assisted mine engineering with Federal and State plans, underground mine and system design.
- > Managed an environmental engineering group that secured all state and federal permits, assured NPDES outfall compliance, directed reclamation of mining-related surface subsidence, and monitored reclaimed site compliance for timely reclamation bond release.
- > Provided exploration and mine geology for precious, base and specialty metals. Managed operation at an underground copper and zinc mine. Areas of experience include: NM, TX, AZ, CA, ID, MT, and MN.
- > Directed and provided technical assistance for research of mine rock stability for the design of underground coal mine roof support systems in a variety of geologic and in-situ stress environments.
- > Directed and provided site-specific geologic risk assessments and evaluations of mine operations through underground mapping and geologic research into depositional environments.
- > Assisted in geologic modeling and longwall hazard predictions for mine planning optimization.
- > Research on limestone and dolomite physical and chemical properties. Studied their characteristic and application methods to comply with MSHA mandated "rock dust" for the elimination of coal dust explosions in coal mining operations.