BENJAMIN J. SCHIFFER, P.G.
SENIOR GEOLOGIST/PROJECT MANAGER

SEI006

REGISTRATIONS
Professional Geologist

Wyoming No. 3446

EDUCATION
B.A., Geology, Whitman College. 1995

SPECIALIZED TRAINING
MSHA Certification

Daniel B. Stephens & Associates, Inc., "Vadose Zone Hydrology: Principles & Practices", October 2007

Hageman, Purcell, Fassett, Brighton and Fox on Wyoming Water Laws and Regulations, January 2013.

PRESENTATIONS AND PUBLICATIONS
Geology, Petrology and Geochemistry of a Section of the High Cascades of Mount McLoughlin, Oregon. 1995. KECK Geologic Consortium, the Eighth KECK Research Symposium in Geology (Abstracts Volume).

Presented surface water quality data and monitoring results for the select streams in the Powder River Basin during the 2008 Governors Natural Resource Tour.

Permitting an In-Situ Recovery Uranium Project, Wyoming, USA at the 13th Annual Energy Exposition and Symposium, August 2012.

Panel Presenter on National Historic Preservation Act Process at 2013 NMA Uranium Conference, May 2013.

PROFESSIONAL MEMBERSHIPS
Society for Mining, Metallurgy & Exploration Professional Member No. 4170811.

Association of Groundwater Scientists and Engineers.

Wyoming Geological Association.

Ben Schiffer has been working as a geologist for 19 years. During this time, he has focused on both surface and ground water hydrology, primarily in the Powder River Basin of Wyoming. Before joining WWC, he served as a field geologist for a major uranium producer and as a senior level geologist with a small consulting company. Mr. Schiffer has extensive experience in *in-situ* uranium recovery mine permitting and feasibility.

PROFESSIONAL EXPERIENCE
Senior Geologist/Project Manager, *WWC Engineering*, Sheridan, Wyoming. 2004 - Present

Geologist/Hydrogeologist, EDE Consultants, Sheridan, Wyoming. 1999 - 2004

Geologist, Cogema Mining, Inc., Mills, Wyoming. 1995 - 1999

Field Technician, KECK Geologic Consortium, Walla Walla, Washington. 1994 - 1995

PROJECT EXPERIENCE
Project manager/permit coordinator for interdisciplinary team responsible for Strata Energy's, Ross ISR Project uranium permit application. Responsible for all permitting activities including well installation and instrumentation, aquifer testing, groundwater modeling and geologic characterization. Permit applications submitted to NRC, WDEQ and BLM on schedule and on budget. Role as permit coordinator continued through receipt of permits.

Production/development drilling at Cogema's Christensen Ranch ISL Mine (now Uranium One's Willow Creek Mine) including; planning well/drillhole locations, data analysis and interpretation, and aquifer restoration. Completed log work ups, roll-front mapping, reserve analysis, and daily, weekly and monthly drilling progress reports. Significant experience in evaluating wellfield performance, aquifer characteristics and suitability for in-situ mining techniques as well as establishing baseline monitor well programs for mine permitting. Assisted in the groundwater restoration planning and operations at Cogema's Texas Facilities, particularly at the Holiday-El Mesquite mine. Conducted resource evaluations of the remaining ore trends at Pathfinder's Shirley Basin Mine.

Qualified Person on NI 43-101 assessment of Anatolia Energy's Temrezli ISR Project Preliminary Economic Study (http://anatoliaenergy.com.au/wp-content/uploads /2013/06 /PEA_Temrezli_Project_FINAL-FINAL.pdf). Enabled raising of nearly six million dollars in capital to further advance the Project.

Managed and participated in multiple technical due diligence assessments on uranium projects in Wyoming, Texas and New Mexico. The primary focus of these assessments included asset evaluation, resources, environmental liability, mineability, and project economics.

Developed detailed technical and equipment specifications for a hydrologic test well installation program at Anatolia Energy's Temrezli ISR Project. The well installation program was successfully implemented and completed within rigorous time constraints. The program included the first use of underreaming in Turkey and effectively transferred ISL well installation technology to a soon to be uranium producer/user.

Extensive experience with various aspects of hydrogeology including: well design and installation, pump and piping designs, well monitoring, potentiometric surface development, aquifer testing and analysis and surface water monitoring.

Designed and installed numerous water/monitoring wells with a variety of drilling rig types including: mud rotary, air rotary, reverse circulation, core, auger and direct push rigs.

A number of mine hydrology projects focusing on large-scale mine dewatering, water treatment and groundwater remediation.

Multiple watershed assessment projects for private and governmental groups, including geology, hydrology, soils and water chemistry/quantity analysis.

Supervised numerous groundwater investigation drilling programs; from well installation through permitting and compliance monitoring with the WDEQ.

Geotechnical drilling, sampling and analysis for CBNG water impoundments and residential development projects.

Completed numerous DEQ Annual Reports and comment responses for Annual Reports.